

USE AND CARE MANUAL

Instrucciones de Operación

Manuel d'utilisation

Microwave Oven

Fours micro-ondes

Horno de Microondas

Models:

Modèles:

Modelos:

MCES

MCEB

MCEW

About This Manual

How This Manual Is Organized

This manual contains several sections:

- The *Safety* section describes important procedures that can ensure your safety while using the appliance.
- The *Getting Started* section describes the features and functionality of the appliance, including a description of how to set it up and operate it.
- The *Operation* section describes how to operate and get the best performance out of each component.
- The *Cleaning and Maintenance* section describes how to clean and maintain the appliance.
- The *Service* section includes troubleshooting tips and your warranty.

Before using your appliance, be sure to read this manual. Pay special attention to the *Important Safety Instructions* located at the beginning of the manual.



PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

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.

Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.

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:

- door (bent)
- hinges and latches (broken or loosened)
- door seals and sealing surfaces.

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

Safety



IMPORTANT SAFETY INSTRUCTIONS

READ AND SAVE THESE INSTRUCTIONS

State of California Proposition 65 Warnings



WARNING: This product contains one or more chemicals known to the State of California to cause cancer.



WARNING: This product contains one or more chemicals known to the State of California to cause birth defects or other reproductive harm.

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:

Read all instructions before using the appliance.

Read and follow the specific **“PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY”** found on page 4.

This appliance must be grounded. Connect only to properly grounded outlet. See **“GROUNDING INSTRUCTIONS”** found on page 8.

Install or locate this appliance only in accordance with the provided installation instructions.

Some products such as whole eggs with or without shell, narrow neck bottles and sealed containers – for example, closed glass jars – may explode and should not be heated in this oven.

Use this appliance only for its intended use as described in this manual. Do not use corrosive chemicals, vapors, or non-food products in this appliance. This type of oven is specifically designed to heat, or cook food. It is not designed for industrial or laboratory use. The use of corrosive chemicals in heating or cleaning will damage the appliance and may result in radiation leaks.

Do not allow children to use this appliance, unless closely supervised by an adult. Do not assume that because a child has mastered one cooking skill he/she can cook everything.

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.

Do not cover or block any openings on the appliance.

Do not store this appliance outdoors. Do not use this product near water – for example, near a kitchen sink, in a wet basement, near a swimming pool, or similar locations.



IMPORTANT SAFETY INSTRUCTIONS

READ AND SAVE THESE INSTRUCTIONS

Do not immerse cord or plug in water

Keep cord away from heated surfaces.

Do not let cord hang over edge of table or counter.

- When cleaning surfaces of the door and oven that come together on closing the door, use only mild, non-abrasive soaps or detergents applied with a sponge or soft cloth.

To reduce the risk of fire in the oven cavity:

- Do not overcook food. Carefully attend appliance when paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.
- Remove wire twist-ties from paper or plastic bags before placing bag in oven.
- 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.
- Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils, or food in the cavity when not in use.

Liquids, such as water, coffee, or tea could be overheated. They can be heated beyond the boiling point without appearing to boil. For example, 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 THE CONTAINER IS DISTURBED OR A UTENSIL IS INSERTED INTO THE LIQUID.

To reduce the risk of injury to persons:

- Do not overheat the liquid.
- Stir the liquid both before and halfway through heating.
- Use extreme care when inserting a spoon or other utensil into the container.
- Do not use straight sided containers with narrow necks.
- After heating, allow the container to stand in the microwave oven for a short time before removing.

Do not operate the oven while empty. This could damage the oven and result in a risk of fire.

Do not dry clothes, newspapers or other materials in the oven. Do not use newspapers or paper bags for cooking. Fire could result.

Do not use recycled paper products unless labeled safe for microwave use. They may contain impurities which may cause sparks and result in fires when used.

Always use potholders when removing items from the oven. The cooking container and the Ceramic Tray can be hot even if the oven is cool.

To avoid the risk of shock:

- Do not remove outer panel from oven. Repairs must be done only by a qualified service person.

To reduce The risk of exposure to microwave energy:

- Do not tamper with, or make any adjustments or repairs to Door, Control Panel Frame, Safety Interlock Switches, or any other part of oven, microwave leakage may result.



IMPORTANT SAFETY INSTRUCTIONS

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To Avoid the risk of fire:

1. Do not operate the oven empty. The microwave energy will reflect continuously throughout the oven causing overheating and damage, if food or water is not present to absorb energy.
2. Do not store flammable materials next to, on top of or in the oven.
3. Do not dry clothes, newspapers or other materials in the oven or use newspaper or paper bags for cooking.
4. Do not hit or strike Control Panel. Damage to controls may occur.
5. Do not use recycled paper products unless the paper product is labeled as safe for microwave oven use. Recycled paper products may contain impurities which may cause sparking.

To avoid the risk of scalding:

- Pot holders should always be used when removing items from the oven. Heat is transferred from the hot food to the cooking container and from the container to the Ceramic Tray. The Ceramic Tray can also be very hot after removing the cooking container from the oven.

Ceramic Tray

1. Do not operate the oven without the Roller Ring and the Ceramic Tray in place.
2. Do not operate the oven without the Ceramic Tray fully engaged on the drive hub. Improper cooking or damage to the oven could result. Verify that the Ceramic Tray is properly engaged and rotating by observing its rotation when you press Start. **Note:** The Ceramic Tray can turn in either direction.
3. Use only the Ceramic Tray specifically designed for this oven. Do not substitute any other Ceramic Tray.
4. If the Ceramic Tray is hot, allow to cool before cleaning or placing in water.
5. Do not cook directly on the Ceramic Tray. Always place food in a microwave safe dish, or on a rack set in a microwave safe dish.
6. If food or utensil on the Ceramic Tray touches oven walls, causing the tray to stop moving, the tray will automatically rotate in the opposite direction.

Roller Ring

1. The Roller Ring and oven floor should be cleaned frequently to prevent excessive noise.
2. Always replace the Roller Ring and the Ceramic Tray in their proper positions.
3. The Roller Ring must always be used for cooking along with the Ceramic Tray.

Oven Rack

Use these rack for Bake cooking to elevate food for proper heating. May also be used during microwave cooking. Do not use any type of metal containers for the Microwave mode. Metal containers will cause arcing during the microwave power mode.

Fan Motor Operation

After using the oven the fan motor rotates to cool the electric components. This is perfectly normal, and you can take out the food from the oven while the fan operates.

INSTALLATION & GROUNDING INSTRUCTIONS

Examine Your Oven

Unpack oven, remove all packing material and examine the oven for any damage such as dents, broken door latches or cracks in the door. Notify dealer immediately if oven is damaged. Do not install if oven is damaged.

Placement of Oven

1. The oven must be placed on a flat, stable surface. Place the front surface of the door three inches or more from the counter top edge to avoid accidental tipping of the microwave oven during normal use. For proper operation, the oven must have sufficient air flow. Allow 3-inches (7.6 cm) of space on both sides of the oven and 1-inch (2.5 cm) of space on top of the oven. Installation height is 36 inch (91.5 cm) from floor level.
 - Do not block air vents. If they are blocked during operation, the oven may be overheated and damaged.
 - Do not place oven near a hot, damp surface such as a gas or electric range, or dishwasher.
 - Do not operate oven when room humidity is excessive.
2. This oven is manufactured for household use only. It is not approved or tested for mobile vehicle, marine, or commercial use.

See the Warranty. If you have any questions, contact the manufacturer.

Installation

1. Do not block air vents. If they are blocked during operation, the oven may overheat. If the oven overheats, a thermal safety device will turn the oven off. The oven will remain inoperable until it has cooled.
2. If the oven is to be installed into a wall cabinet use the proper trim kit available from a local dealer (found on page 41.). Follow all instructions packed with the kit.



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

Consult a qualified electrician or service person if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded. If it is necessary to use an extension cord, use only a three wire extension cord that has a three prong polarized grounding plug, and a three slot receptacle that will accept the plug on the appliance. The marked rating of the extension cord should be equal to or greater than the electrical rating of the appliance.

Grounding Instructions

This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the 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.

- Plug into properly installed and grounded 3 prong outlet.
- Do not remove ground prong.
- Do not use an adapter.

Power Supply

1. A short power-supply cord is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord.
2. Longer cord sets or extension cords are available and may be used if care is exercised in their use. Do not let cord hang over edge of a table or counter.
3. If a long cord or extension cord is used,
the marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance,
the extension cord must be a grounding-type 3-wire cord, and
the longer cord should be arranged so that it will not drape over the countertop or tabletop where it can be pulled on by children or tripped over accidentally.

Wiring Requirements

1. The oven must be on a SEPARATE CIRCUIT. No other appliance should share the circuit with the microwave oven. If it does, the branch circuit fuse may blow or the circuit breaker may trip, or the food may cook slower than recommended in this manual.
2. The oven must be plugged into at least a 20 AMP, 120 VOLT, 60 Hz GROUNDED OUTLET.
Where a standard two-prong outlet is encountered, it is the personal responsibility and obligation of the consumer to have it replaced with a properly grounded three-prong outlet.
3. The VOLTAGE used must be the same as specified on this microwave oven (120 V, 60 Hz). Using a higher voltage is dangerous and may result in a fire or oven damage. Using a lower voltage will cause slow cooking. The dealer is not responsible for any damages resulting from the use of the oven with any voltage other than specified.

TV / Radio Interference

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

This appliance generates and uses ISM frequency energy. If not installed and used properly, in strict accordance with the manufacturer's instructions, it may cause interference to radio and television reception. It has been type tested and found to comply with limits for 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. Turn the appliance on and off to determine if it causes interference. Try the following to correct the interference:

- Clean door and sealing surface of the oven.
- Reorient the receiving antenna of the radio or television.
- Relocate the microwave oven with respect to the receiver.
- Move the microwave oven away from the receiver.
- Plug the microwave into a different outlet so that the oven and the 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.

▲ SAFETY PRECAUTIONS

Follow These Safety Precautions When Cooking in Your Oven

Home canning / sterilizing / drying foods / small quantities of foods

- Do not use your combination oven for home canning or the heating of any closed jar. Pressure will build up and the jar may explode. In addition, the combination oven cannot maintain the food at the proper canning temperature. Improperly canned food may spoil and be dangerous to consume.
- Small quantities of food or foods with low moisture content can dry out, burn or catch on fire. If a fire occurs, turn oven off and leave oven door closed. Disconnect the power cord or shut off power at the fuse or circuit breaker panel.
- Do not dry meats, herbs, fruits or vegetables in your oven.

IMPORTANT

Proper cooking depends on time set and weight of food. If you use a smaller portion than recommended and cook at the time for the recommended portion, fire can result. If a fire occurs, turn oven off and leave oven door closed. Disconnect the power cord or shut off power at the fuse or circuit breaker panel.

Popcorn

- Popcorn must be popped in a microwave oven corn popper. Microwave popcorn which pops in its own package is also available. Follow popcorn manufacturers' directions and use a brand suitable for the wattage of your combination oven. Never leave oven unattended when popping popcorn.

CAUTION: When using pre-packaged microwave popcorn, follow recommended package instructions.

Check package weight before using the popcorn pad. Set the oven for the weight of the popcorn package.

If these instructions are not followed, the popcorn may not pop adequately or may ignite and cause a fire.

Deep fat frying

- Do not attempt to deep fat fry in your microwave oven. Oil can be heated beyond ideal temperatures very quickly in a microwave oven. Temperatures can climb high enough for the cooking oils to reach their respective flash points and burst into flames. The heated oil may bubble and spatter causing possible damage to the oven and perhaps resulting in burns. Additionally, microwave-safe utensils may not be able to withstand the temperature of the hot oil, and could result in the utensil shattering if it contains even a slight imperfection, scratch or chip.

Eggs

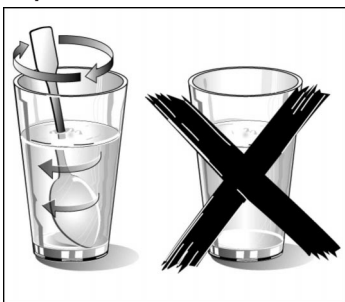
- Do not cook/reheat whole eggs, with or without the shell. Steam buildup in whole eggs may cause them to explode, and possibly damage the oven or cause injury. Reheating SLICED hard-boiled eggs and cooking SCRAMBLED eggs is safe.

Foods with nonporous skins

- Potatoes, apples, whole squash and sausages are examples of foods with nonporous skins. These types of foods must be pierced before microwave cooking to prevent them from exploding.

CAUTION: Cooking dry or old potatoes can cause fire.

Liquids



- Heated liquids can erupt if not mixed with air. Do not heat liquids in your microwave oven without first stirring.

Ceramic Tray / cooking utensils / foil

- Cooking utensils get hot during microwaving. Use potholders when removing utensils and Ceramic Tray from the oven or when removing lids or plastic wrap covers from cooking utensils to avoid burns.
- The Ceramic Tray will get hot during cooking. It should be allowed to cool before handling or before paper products, such as paper plates, napkins or microwave popcorn bags, are placed in the oven for microwave cooking.
- During cooking, heat is transferred from the hot food to the cooking utensil and from the utensil to Ceramic Tray. Ceramic Tray can be very hot after removing cooking utensils from oven.
- When using foil, warming rack or utensils made of metal in the oven, allow at least 1-inch (2.5 cm) of space between foil, metal material and interior oven walls or door. If arcing occurs (sparking) remove metal material (skewers etc.) and/or transfer to a non-metallic container.
- Dishes with metallic trim should not be used during Microwave or Combination cooking, arcing may occur.

Paper towels / cloths

- Do not use paper towels or cloths which contain a synthetic fiber woven into them. The synthetic fiber may cause the towel to ignite. Use paper toweling under supervision.
- Do not use paper bags or recycled paper products in the microwave oven.

Browning dishes / oven cooking bags

- Microwave browning dishes or grills are designed for microwave cooking only. Preheating times vary depending on the size of the browning dish and food being cooked. Always follow instructions provided by the browning dish or grill manufacturer. Do not preheat browning dishes more than 6 minutes.
- If an oven cooking bag is used for microwave cooking, prepare according to package directions. Do not use a wire twist-tie to close bag, instead use nylon ties, cotton string or a strip cut from the open end of the bag. Make six ½-inch slits by closure. Place oven cooking bag in a dish slightly larger than the food being cooked.

Thermometers

- Do not use a conventional meat thermometer for Microwave cooking. Arcing may occur. Do not use a microwave meat thermometer for Bake. It may melt.

Baby formula / Baby food

- Do not heat baby formula or food in the microwave oven. The glass jar or surface of the food may appear warm while the interior can burn the infant's mouth and esophagus.

Reheating pastry products

- When reheating pastry products, check temperatures of any fillings before eating. Some foods have fillings which heat faster and can be extremely hot while the surface remains warm to the touch (ex. Jelly Donuts).

General oven usage guidelines / Oven door

- Do not use the oven for any reason other than the preparation of food.
- Do not leave oven unattended while in use.
- The oven door and the interior walls will get hot during Bake.

Preparation of foods

- The microwave is intended only for the preparation of foods. Other uses can be dangerous and cause damage. For example, warmed grains and grain kernels can ignite even after hours have passed. Fire danger!

Cleaning and Maintenance

Care and Cleaning of Your Microwave Oven

CAUTION: It is important to keep the oven clean and dry. Food residue and condensation may cause rusting or arcing and damage to the oven. After use, wipe dry all surfaces-including vent openings, oven seams, and under Ceramic Tray.

Before Cleaning

Unplug oven at wall outlet. If outlet is inaccessible, leave oven door open while cleaning. Make sure parts are cool.

After Cleaning

Be sure to place the Roller Ring and the Ceramic Tray in the proper position and press Pause/Stop Pad to clear the Display.

Inside of the oven

Wipe with a damp cloth after using. Mild detergent may be used if needed. Do not use harsh detergents or abrasives.

The interior of the oven is stainless steel. To prevent baked-on soil, clean food spatters or spilled liquids as they occur. For hard to remove soil, use a mild detergent, a non-abrasive cleanser or spray with an all purpose cleaner and wipe dry. Do not use harsh detergents or abrasive cleaners on any oven surface. Plastic scouring pads may be used.

To help loosen soil before cleaning, heat 500 ml (2 cups) of water in a 1 L (4 cups) glass measuring container at High power for 5 minutes or until boiling.

Note: Do not use oven cleaners on the top of the oven.

Outside oven surfaces

Clean with a damp cloth. To prevent damage to the operating parts inside the oven, water should not be allowed to seep into ventilation openings.

Steam will be given off cooking food and collect on the oven walls and door. During conditions of high humidity, steam may occur on the outside of the oven and in no way indicates a malfunction. Wipe dry with a soft cloth.

Oven Door

Wipe with a soft dry cloth when steam accumulates inside or around the outside of the oven door. During cooking, especially under high humidity conditions, steam is given off from the food. (Some steam will condense on cooler surfaces, such as the oven door). This is normal.

Control Panel

If the Control Panel becomes wet, clean it with a soft dry cloth. Do not use harsh detergents or abrasives.

Covered with a removable protective film to prevent scratches during shipping. Small bubbles may appear under this film. (Hint – To remove film, apply masking or clear tape to an exposed corner and pull gently).

When cleaning the Control Panel, leave the oven door open to prevent the oven from accidentally turning on. After cleaning, press Pause/Stop Pad to return to time-of-day.

Ceramic Tray

Remove and wash in warm soapy water or in a dishwasher.

Oven accessories

Oven accessories may be washed in warm sudsy water, in a dishwasher, or scrubbed with plastic pads.

Daily cleaning will prevent the accumulation of odours and soil.

Roller Ring and oven cavity floor

Clean the bottom surface of the oven with mild detergent water or window cleaner, and dry. Roller Ring may be washed in mild soapy water or dishwasher. These areas should be kept clean to avoid excessive noise.

Cooking vapours collect during repeated use, but in no way affect the bottom surface or roller ring wheels. When removing the roller ring from the cavity floor for cleaning, be sure to replace in the proper position.

Maintenance

Before Requesting Service

These things are normal:

The oven causes interference with my TV.

- Some radio and TV interference might occur when you cook with the microwave oven. This interference is similar to the interference caused by small appliances such as mixers, vacuums, blow dryers, etc. It does not indicate a problem with your oven.

Steam accumulates on the oven door and warm air comes from the oven vents.

- During cooking, steam and warm air are given off from the food. Most of the steam and warm air are removed from the oven by the air which circulates in the oven cavity. However, some steam will condense on cooler surfaces such as the oven door. This is normal. After use, the oven should be wiped dry.

The oven has an odor and generates smoke when using the Bake function.

- It is essential that your oven is wiped out regularly particularly after cooking. Any fat and grease that builds up on the ceiling and walls of the oven will begin to smoke if not cleaned.

Service

User's Record

The serial number of this product may be found on the left side of the control panel. You should note the model number and the FD No./No FD of this oven in the space provided and retain this book as a permanent record of your purchase for future reference.

Model No.

FD No./No FD

Date of Purchase

Specifications

Power Source		120 V, 60 Hz	
Power Consumption	Microwave	1,450 W	
	Heater	1,500 W	
Output:	Microwave*	1,000 W	
	Heater	1,400 W	
Outside Dimensions (H x W x D)		14 ¹³ / ₁₆ " x 23 ⁷ / ₈ " x 19 ⁵ / ₁₆ " 376 mm x 606 mm x 491 mm	
Oven Cavity Dimensions (H x W x D)		9 ¹ / ₂ " x 16 ¹ / ₄ " x 16 ¹³ / ₁₆ " 242 mm x 412 mm x 426 mm	
Operating Frequency		2,450 MHz	
Net Weight		Approx. 48 lbs (22 kg)	
Trim Kit 27"		MCT27_S	for MCES (Stainless)
		MCT27EB	for MCEB (Black)
		MCT27EW	for MCEW (White)
Trim Kit 30"		MCT30_S	for MCES (Stainless)
		MCT30EB	for MCEB (Black)
		MCT30EW	for MCEW (White)

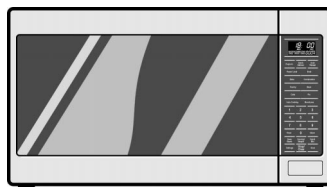
* IEC Test procedure
Specifications subject to change without notice.

Use and Care Manual
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Microwave oven

Fours micro-ondes
Horno de Microondas

Models/Modèles/Modelos:
HMB8050 / HMB8060 / HMB8020



BOSCH



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Questions?

1-800-944-2904

www.boschappliances.com

1901 Main Street.
Suite 600
Irvine, CA 92614

We look forward to hearing from you!

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Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.

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:

- door (bent)
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The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

Safety



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Do not allow children to use this appliance, unless closely supervised by an adult. Do not assume that because a child has mastered one cooking skill he/she can cook everything.

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.

Do not cover or block any openings on the appliance.



IMPORTANT SAFETY INSTRUCTIONS

READ AND SAVE THESE INSTRUCTIONS

Do not store this appliance outdoors. Do not use this product near water – for example, near a kitchen sink, in a wet basement, near a swimming pool, or similar locations.

Do not immerse cord or plug in water

Keep cord away from heated surfaces.

Do not let cord hang over edge of table or counter.

- When cleaning surfaces of the door and oven that come together on closing the door, use only mild, non-abrasive soaps or detergents applied with a sponge or soft cloth.

To reduce the risk of fire in the oven cavity:

- Do not overcook food. Carefully attend appliance when paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.
- Remove wire twist-ties from paper or plastic bags before placing bag in oven.
- 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.
- Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils, or food in the cavity when not in use.

Liquids, such as water, coffee, or tea could be overheated. They can be heated beyond the boiling point without appearing to boil. For example, 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 THE CONTAINER IS DISTURBED OR A UTENSIL IS INSERTED INTO THE LIQUID.

To reduce the risk of injury to persons:

- Do not overheat the liquid.
- Stir the liquid both before and halfway through heating.
- Use extreme care when inserting a spoon or other utensil into the container.
- Do not use straight sided containers with narrow necks.
- After heating, allow the container to stand in the microwave oven for a short time before removing.

Do not operate the oven while empty. This could damage the oven and result in a risk of fire.

Do not dry clothes, newspapers or other materials in the oven. Do not use newspapers or paper bags for cooking. Fire could result.

Do not use recycled paper products unless labeled safe for microwave use. They may contain impurities which may cause sparks and result in fires when used.

Always use potholders when removing items from the oven. The cooking container and the Ceramic Tray can be hot even if the oven is cool.



IMPORTANT SAFETY INSTRUCTIONS

READ AND SAVE THESE INSTRUCTIONS

To avoid the risk of shock:

- Do not remove outer panel from oven. Repairs must be done only by a qualified service person.

To reduce The risk of exposure to microwave energy:

- Do not tamper with, or make any adjustments or repairs to Door, Control Panel Frame, Safety Interlock Switches, or any other part of oven, microwave leakage may result.

To Avoid the risk of fire:

1. Do not operate the oven empty. The microwave energy will reflect continuously throughout the oven causing overheating and damage, if food or water is not present to absorb energy.
2. Do not store flammable materials next to, on top of or in the oven.
3. Do not dry clothes, newspapers or other materials in the oven or use newspaper or paper bags for cooking.
4. Do not hit or strike Control Panel. Damage to controls may occur.
5. Do not use recycled paper products unless the paper product is labeled as safe for microwave oven use. Recycled paper products may contain impurities which may cause sparking.

To avoid the risk of scalding:

- Pot holders should always be used when removing items from the oven. Heat is transferred from the hot food to the cooking container and from the container to the Ceramic Tray. The Ceramic Tray can also be very hot after removing the cooking container from the oven.

Ceramic Tray

1. Do not operate the oven without the Roller Ring and the Ceramic Tray in place.
2. Do not operate the oven without the Ceramic Tray fully engaged on the drive hub. Improper cooking or damage to the oven could result. Verify that the Ceramic Tray is properly engaged and rotating by observing its rotation when you press Start. **Note:** The Ceramic Tray can turn in either direction.
3. Use only the Ceramic Tray specifically designed for this oven. Do not substitute any other Ceramic Tray.
4. If the Ceramic Tray is hot, allow to cool before cleaning or placing in water.
5. Do not cook directly on the Ceramic Tray. Always place food in a microwave safe dish, or on a rack set in a microwave safe dish.
6. If food or utensil on the Ceramic Tray touches oven walls, causing the tray to stop moving, the tray will automatically rotate in the opposite direction.

Roller Ring

1. The Roller Ring and oven floor should be cleaned frequently to prevent excessive noise.
2. Always replace the Roller Ring and the Ceramic Tray in their proper positions.
3. The Roller Ring must always be used for cooking along with the Ceramic Tray.

Oven Rack

Use these rack for Bake cooking to elevate food for proper heating. May also be used during microwave cooking. Do not use any type of metal containers for the Microwave mode. Metal containers will cause arcing during the microwave power mode.

Fan Motor Operation

After using the oven the fan motor rotates to cool the electric components. This is perfectly normal, and you can take out the food from the oven while the fan operates.

INSTALLATION & GROUNDING INSTRUCTIONS

Examine Your Oven

Unpack oven, remove all packing material and examine the oven for any damage such as dents, broken door latches or cracks in the door. Notify dealer immediately if oven is damaged. Do not install if oven is damaged.

Placement of Oven

1. The oven must be placed on a flat, stable surface. Place the front surface of the door three inches or more from the counter top edge to avoid accidental tipping of the microwave oven during normal use. For proper operation, the oven must have sufficient air flow. Allow 3-inches (7.6 cm) of space on both sides of the oven and 1-inch (2.5 cm) of space on top of the oven. Installation height is 36 inch (91.5 cm) from floor level.
 - Do not block air vents. If they are blocked during operation, the oven may be overheated and damaged.
 - Do not place oven near a hot, damp surface such as a gas or electric range, or dishwasher.
 - Do not operate oven when room humidity is excessive.
2. This oven is manufactured for household use only. It is not approved or tested for mobile vehicle, marine, or commercial use.

See the Warranty. If you have any questions, contact the manufacturer.

Installation

1. Do not block air vents. If they are blocked during operation, the oven may overheat. If the oven overheats, a thermal safety device will turn the oven off. The oven will remain inoperable until it has cooled.
2. If the oven is to be installed into a wall cabinet use the proper trim kit available from a local dealer (found on page 41.). Follow all instructions packed with the kit.



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

Consult a qualified electrician or service person if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded. If it is necessary to use an extension cord, use only a three wire extension cord that has a three prong polarized grounding plug, and a three slot receptacle that will accept the plug on the appliance. The marked rating of the extension cord should be equal to or greater than the electrical rating of the appliance.

Grounding Instructions

This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the 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.

- Plug into properly installed and grounded 3 prong outlet.
- Do not remove ground prong.
- Do not use an adapter.

Power Supply

1. A short power-supply cord is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord.
2. Longer cord sets or extension cords are available and may be used if care is exercised in their use. Do not let cord hang over edge of a table or counter.
3. If a long cord or extension cord is used,

the marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance,

the extension cord must be a grounding-type 3-wire cord, and

the longer cord should be arranged so that it will not drape over the countertop or tabletop where it can be pulled on by children or tripped over accidentally.

Wiring Requirements

1. The oven must be on a SEPARATE CIRCUIT. No other appliance should share the circuit with the microwave oven. If it does, the branch circuit fuse may blow or the circuit breaker may trip, or the food may cook slower than recommended in this manual.
2. The oven must be plugged into at least a 20 AMP, 120 VOLT, 60 Hz GROUNDED OUTLET.
Where a standard two-prong outlet is encountered, it is the personal responsibility and obligation of the consumer to have it replaced with a properly grounded three-prong outlet.
3. The VOLTAGE used must be the same as specified on this microwave oven (120 V, 60 Hz). Using a higher voltage is dangerous and may result in a fire or oven damage. Using a lower voltage will cause slow cooking. The dealer is not responsible for any damages resulting from the use of the oven with any voltage other than specified.

TV / Radio Interference

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

This appliance generates and uses ISM frequency energy. If not installed and used properly, in strict accordance with the manufacturer's instructions, it may cause interference to radio and television reception. It has been type tested and found to comply with limits for 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. Turn the appliance on and off to determine if it causes interference. Try the following to correct the interference:

- Clean door and sealing surface of the oven.
- Reorient the receiving antenna of the radio or television.
- Relocate the microwave oven with respect to the receiver.
- Move the microwave oven away from the receiver.
- Plug the microwave into a different outlet so that the oven and the 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.

▲ SAFETY PRECAUTIONS

Follow These Safety Precautions When Cooking in Your Oven

Home canning / sterilizing / drying foods / small quantities of foods

- Do not use your combination oven for home canning or the heating of any closed jar. Pressure will build up and the jar may explode. In addition, the combination oven cannot maintain the food at the proper canning temperature. Improperly canned food may spoil and be dangerous to consume.
- Small quantities of food or foods with low moisture content can dry out, burn or catch on fire. If a fire occurs, turn oven off and leave oven door closed. Disconnect the power cord or shut off power at the fuse or circuit breaker panel.
- Do not dry meats, herbs, fruits or vegetables in your oven.

IMPORTANT

Proper cooking depends on time set and weight of food. If you use a smaller portion than recommended and cook at the time for the recommended portion, fire can result. If a fire occurs, turn oven off and leave oven door closed. Disconnect the power cord or shut off power at the fuse or circuit breaker panel.

Popcorn

- Popcorn must be popped in a microwave oven corn popper. Microwave popcorn which pops in its own package is also available. Follow popcorn manufacturers' directions and use a brand suitable for the wattage of your combination oven. Never leave oven unattended when popping popcorn.

CAUTION: When using pre-packaged microwave popcorn, follow recommended package instructions.

Check package weight before using the popcorn pad. Set the oven for the weight of the popcorn package.

If these instructions are not followed, the popcorn may not pop adequately or may ignite and cause a fire.

Deep fat frying

- Do not attempt to deep fat fry in your microwave oven. Oil can be heated beyond ideal temperatures very quickly in a microwave oven. Temperatures can climb high enough for the cooking oils to reach their respective flash points and burst into flames. The heated oil may bubble and spatter causing possible damage to the oven and perhaps resulting in burns. Additionally, microwave-safe utensils may not be able to withstand the temperature of the hot oil, and could result in the utensil shattering if it contains even a slight imperfection, scratch or chip.

Eggs

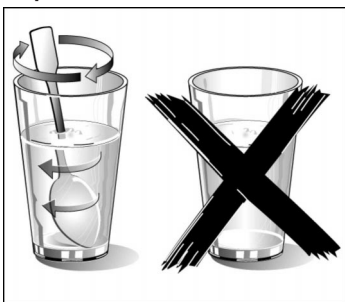
- Do not cook/reheat whole eggs, with or without the shell. Steam buildup in whole eggs may cause them to explode, and possibly damage the oven or cause injury. Reheating SLICED hard-boiled eggs and cooking SCRAMBLED eggs is safe.

Foods with nonporous skins

- Potatoes, apples, whole squash and sausages are examples of foods with nonporous skins. These types of foods must be pierced before microwave cooking to prevent them from exploding.

CAUTION: Cooking dry or old potatoes can cause fire.

Liquids



- Heated liquids can erupt if not mixed with air. Do not heat liquids in your microwave oven without first stirring.

Ceramic Tray / cooking utensils / foil

- Cooking utensils get hot during microwaving. Use potholders when removing utensils and Ceramic Tray from the oven or when removing lids or plastic wrap covers from cooking utensils to avoid burns.
- The Ceramic Tray will get hot during cooking. It should be allowed to cool before handling or before paper products, such as paper plates, napkins or microwave popcorn bags, are placed in the oven for microwave cooking.
- During cooking, heat is transferred from the hot food to the cooking utensil and from the utensil to Ceramic Tray. Ceramic Tray can be very hot after removing cooking utensils from oven.
- When using foil, warming rack or utensils made of metal in the oven, allow at least 1-inch (2.5 cm) of space between foil, metal material and interior oven walls or door. If arcing occurs (sparking) remove metal material (skewers etc.) and/or transfer to a non-metallic container.
- Dishes with metallic trim should not be used during Microwave or Combination cooking, arcing may occur.

Paper towels / cloths

- Do not use paper towels or cloths which contain a synthetic fiber woven into them. The synthetic fiber may cause the towel to ignite. Use paper toweling under supervision.
- Do not use paper bags or recycled paper products in the microwave oven.

Browning dishes / oven cooking bags

- Microwave browning dishes or grills are designed for microwave cooking only. Preheating times vary depending on the size of the browning dish and food being cooked. Always follow instructions provided by the browning dish or grill manufacturer. Do not preheat browning dishes more than 6 minutes.
- If an oven cooking bag is used for microwave cooking, prepare according to package directions. Do not use a wire twist-tie to close bag, instead use nylon ties, cotton string or a strip cut from the open end of the bag. Make six ½-inch slits by closure. Place oven cooking bag in a dish slightly larger than the food being cooked.

Thermometers

- Do not use a conventional meat thermometer for Microwave cooking. Arcing may occur. Do not use a microwave meat thermometer for Bake. It may melt.

Baby formula / Baby food

- Do not heat baby formula or food in the microwave oven. The glass jar or surface of the food may appear warm while the interior can burn the infant's mouth and esophagus.

Reheating pastry products

- When reheating pastry products, check temperatures of any fillings before eating. Some foods have fillings which heat faster and can be extremely hot while the surface remains warm to the touch (ex. Jelly Donuts).

General oven usage guidelines / Oven door

- Do not use the oven for any reason other than the preparation of food.
- Do not leave oven unattended while in use.
- The oven door and the interior walls will get hot during Bake.

Preparation of foods

- The microwave is intended only for the preparation of foods. Other uses can be dangerous and cause damage. For example, warmed grains and grain kernels can ignite even after hours have passed. Fire danger!

Cleaning and Maintenance

Care and Cleaning of Your Microwave Oven

CAUTION: It is important to keep the oven clean and dry. Food residue and condensation may cause rusting or arcing and damage to the oven. After use, wipe dry all surfaces-including vent openings, oven seams, and under Ceramic Tray.

Before Cleaning

Unplug oven at wall outlet. If outlet is inaccessible, leave oven door open while cleaning. Make sure parts are cool.

After Cleaning

Be sure to place the Roller Ring and the Ceramic Tray in the proper position and press Pause/Stop Pad to clear the Display.

Inside of the oven

Wipe with a damp cloth after using. Mild detergent may be used if needed. Do not use harsh detergents or abrasives.

The interior of the oven is stainless steel. To prevent baked-on soil, clean food spatters or spilled liquids as they occur. For hard to remove soil, use a mild detergent, a non-abrasive cleanser or spray with an all purpose cleaner and wipe dry. Do not use harsh detergents or abrasive cleaners on any oven surface. Plastic scouring pads may be used.

To help loosen soil before cleaning, heat 500 ml (2 cups) of water in a 1 L (4 cups) glass measuring container at High power for 5 minutes or until boiling.

Note: Do not use oven cleaners on the top of the oven.

Outside oven surfaces

Clean with a damp cloth. To prevent damage to the operating parts inside the oven, water should not be allowed to seep into ventilation openings.

Steam will be given off cooking food and collect on the oven walls and door. During conditions of high humidity, steam may occur on the outside of the oven and in no way indicates a malfunction. Wipe dry with a soft cloth.

Oven Door

Wipe with a soft dry cloth when steam accumulates inside or around the outside of the oven door. During cooking, especially under high humidity conditions, steam is given off from the food. (Some steam will condense on cooler surfaces, such as the oven door). This is normal.

Control Panel

If the Control Panel becomes wet, clean it with a soft dry cloth. Do not use harsh detergents or abrasives.

Covered with a removable protective film to prevent scratches during shipping. Small bubbles may appear under this film. (Hint – To remove film, apply masking or clear tape to an exposed corner and pull gently).

When cleaning the Control Panel, leave the oven door open to prevent the oven from accidentally turning on. After cleaning, press Pause/Stop Pad to return to time-of-day.

Ceramic Tray

Remove and wash in warm soapy water or in a dishwasher.

Oven accessories

Oven accessories may be washed in warm sudsy water, in a dishwasher, or scrubbed with plastic pads.

Daily cleaning will prevent the accumulation of odours and soil.

Roller Ring and oven cavity floor

Clean the bottom surface of the oven with mild detergent water or window cleaner, and dry. Roller Ring may be washed in mild soapy water or dishwasher. These areas should be kept clean to avoid excessive noise.

Cooking vapours collect during repeated use, but in no way affect the bottom surface or roller ring wheels. When removing the roller ring from the cavity floor for cleaning, be sure to replace in the proper position.

Maintenance

Before Requesting Service

These things are normal:

The oven causes interference with my TV.

- Some radio and TV interference might occur when you cook with the microwave oven. This interference is similar to the interference caused by small appliances such as mixers, vacuums, blow dryers, etc. It does not indicate a problem with your oven.

Steam accumulates on the oven door and warm air comes from the oven vents.

- During cooking, steam and warm air are given off from the food. Most of the steam and warm air are removed from the oven by the air which circulates in the oven cavity. However, some steam will condense on cooler surfaces such as the oven door. This is normal. After use, the oven should be wiped dry.

The oven has an odor and generates smoke when using the Bake function.

- It is essential that your oven is wiped out regularly particularly after cooking. Any fat and grease that builds up on the ceiling and walls of the oven will begin to smoke if not cleaned.

Problem	Possible cause	Remedy
Oven will not turn on.	The oven is not plugged in securely.	Remove plug from outlet, wait 10 seconds and re-insert.
	Circuit breaker or fuse is tripped or blown.	Reset circuit breaker or replace fuse.
	There is a problem with the outlet.	Plug another appliance into the outlet to check if it is working.

Problem	Possible cause	Remedy
Oven will not start cooking.	The door is not closed completely.	Close the oven door securely.
	Start Pad was not pressed after programming.	Press Start Pad.
	Another program is already entered into the oven.	Press Pause/Stop Pad to cancel the previous program and program again.
	Another program has not been entered correctly.	Program again according to the Operating Instructions.
	Pause/Stop Pad has been pressed accidentally.	Program oven again.
The Ceramic Tray wobbles.	The Ceramic Tray is not positioned properly on the Roller Ring or there is food under the Roller Ring.	Take out Ceramic Tray and Roller Ring. Wipe with a damp cloth and reset Roller Ring and Ceramic Tray properly.
When the oven is operating, there is noise coming from the Ceramic Tray.	The Roller Ring and oven bottom are dirty.	Clean these parts according to Care and Cleaning of your Microwave oven.
The word "LOCK" appears in the Display Window.	The CHILD LOCK was activated.	See section Settings.
Error message "Exxxx"		If an error message is displayed, please contact the aftersales service and provide the fault code.

Service

User's Record

The serial number of this product may be found on the left side of the control panel. You should note the model number and the FD No./No FD of this oven in the space provided and retain this book as a permanent record of your purchase for future reference.

Model No.

FD No./No FD

Date of Purchase

Specifications

Power Source		120 V, 60 Hz	
Power Consumption	Microwave	1,450 W	
	Heater	1,500 W	
Output:	Microwave*	1,000 W	
	Heater	1,400 W	
Outside Dimensions (H x W x D)		14 13/16" x 23 7/8" x 19 5/16" 376 mm x 606 mm x 491 mm	
Oven Cavity Dimensions (H x W x D)		9 1/2" x 16 1/4" x 16 13/16" 242 mm x 412 mm x 426 mm	
Operating Frequency		2,450 MHz	
Net Weight		Approx. 48 lbs (22 kg)	
Trim Kit 27"	HMT8750	for HMB8050	(Stainless)
	HMT8760	for HMB8060	(Black))
	HMT8720	for HMB8020	(White)
Trim Kit 30"	HMT8050	for HMB8050	(Stainless)
	HMT8060	for HMB8060	(Black)
	HMT8020	for HMB8020	(White)

* IEC Test procedure
Specifications subject to change without notice.