

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

Safety Messages

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and follow all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or injure you and others. All safety messages will follow the safety alert symbol and either the word **WARNING** or **CAUTION**.

These words mean:



WARNING

You may be killed or seriously injured if you do not follow instructions.



CAUTION

You may be injured or cause damage to the product if you do not follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what may happen if the instructions are not followed.

WARNING



WARNING

- To reduce the risk of explosion, fire, death, electric shock, injury or scalding to persons when using this product, follow basic precautions, including the following:

Technical Safety

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- To reduce the risk of burns, electric shock, fire, injury to persons or exposure to excessive microwave energy when using the microwave oven, read all instructions before using the appliance.
- Children must not be allowed to play with accessories or hang down from the door or any part of the oven. Doing so can cause serious injury and damage. As with any appliance, close supervision is necessary when used by children.
- Read and follow the specific **PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY** found on page 2.
- This appliance must be grounded. Connect only to properly grounded outlet. See **"GROUNDING INSTRUCTIONS"** found on **Installation Requirements** section.
- Use this appliance only for its intended use as described in the 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.
- To avoid electric shock:
 - 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.

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- 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.
- 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.
- Install or locate this appliance only in accordance with the provided installation instructions.
- Some products such as whole eggs and sealed containers – for example, closed glass jars – are able to explode and should not be heated in this oven.
- Liquids, such as water, coffee, or tea are able to be overheated beyond the boiling point without appearing to be boiling. 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 SPOON OR OTHER 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 it.
 - Do not use straight-sided containers with narrow necks. Use extreme care when inserting a spoon or other utensil into the container.
 - After heating, allow the container to stand in the microwave oven for a short time before removing the container.
- 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.
- This appliance should be serviced only by qualified service personnel. Contact the nearest authorized service facility for examination, repair, or adjustment.
- When cleaning surfaces of door and oven that comes together on closing the door, use only mild, nonabrasive soaps or detergents applied with a sponge or soft cloth.

Operation

- Do not use this oven for commercial purposes. It is made for household use only.
- Do not run the oven while it is empty.
- If your oven is dropped or damaged, have it thoroughly checked by a qualified service technician before using it again.
- Take care when the door is opened to avoid injury.
- To avoid improperly cooking some foods:
 - Do not heat any type of baby bottle or baby food. Uneven heating may occur and possibly cause personal injury.
 - Do not heat small-necked containers, such as syrup bottles.
 - Do not deep-fat fry in the microwave oven.
 - Do not attempt home canning in the microwave oven.
- Do not use the oven for the purpose of dehumidification (for example, operating the microwave oven with wet newspapers, clothes, toys, electric devices, plants, soil, pets or any other living matter inside it). The oven must only be used for heating or cooking food. The results of misuse can include safety risks such as fire, burns, or death due to electric shock.

- During use the appliance becomes hot. Care should be taken to avoid touching heating elements inside the oven.
- The appliance and its accessible parts become hot during use. Care should be taken to avoid touching heating elements. Children must be kept away unless continuously supervised.
- Do not use recycled paper products. They may contain impurities which may cause sparks and/or fires when used in cooking.
- The door or the outer surface may get hot when the appliance is operating.
- Liquids heated in certain shaped containers (especially cylindrical-shaped containers) may become overheated. The liquid may splash out with a loud noise during or after heating or when adding ingredients (instant coffee, etc.), resulting in harm to the oven and possible injury. In all containers, for best results, stir the liquid several times before heating. Always stir liquid several times between reheatings.

Maintenance

- If the door or door seals are damaged, the oven must not be operated until it has been repaired by an authorized service person.
- The oven should be cleaned regularly and any food deposits should be removed. Failure to maintain the oven in a clean condition could lead to deterioration of the surface that could adversely affect the life of the appliance and possibly result in a hazardous situation.
- Do not rinse trays and racks by placing them in water immediately after cooking. This may cause breakage or damage. Improper use could result in damage to the oven.
- Oversized food or oversized metal utensils should not be inserted in a microwave oven as they may create a fire or risk of electric shock.
- Do not clean with metal scouring pads. Pieces can burn off the pad and touch electrical parts involving a risk of electric shock.
- Do not store any materials, other than manufacturer's recommended accessories, in this oven when not in use.
- Do not cover racks or any other part of the oven with metal foil. This will cause overheating of the oven.

Microwave Oven

- Must be installed following the provided installation instructions.
- Secure the cord in the cabinet above the oven.
- Do not tamper with the built-in safety switches on the oven door. The oven has several built-in safety switches to make sure the power is off when the door is open.
- Preserve the oven floor:
 - Do not heat the oven floor excessively.
 - Do not allow the gray film on special microwave-cooking packages to touch the oven floor. Put the package on a microwavable dish.
 - Do not cook anything directly on the oven floor or turntable. Use a microwavable dish.
- Keep a browning dish at least 3/16 inch above the oven floor. Carefully read and follow the instructions for the browning dish. If you use a browning dish incorrectly, you could damage the oven floor.

Ventilation

- Burn Hazard: If a range or cooktop located below the microwave is operating, use caution when operating the microwave. **External components of the microwave may become very hot and cause burns or other injury if touched.**
- Clean Ventilating Hoods Frequently – Grease should not be allowed to accumulate on hood or filter.

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- When flaming foods under the hood, turn the fan on.
- Use care when cleaning the vent-hood filter. Corrosive cleaning agents, such as lye-based oven cleaners, may damage the filter.
- Suitable for use above both gas and electric cooking equipment 36 inches wide or less.

Radio/TV/Wireless Equipment Interference

- Operating the microwave oven near equipment-such as a radio, TV, wireless LAN, Bluetooth devices, medical equipment, or wireless equipment-which uses the same frequency, may cause interference. This interference is not an indication of a defect in the product or its operation. The product is safe to use.
- Do not use medical equipment near the microwave oven, as the interference could affect the medical equipment's operation.
- When there is interference, it may be reduced or eliminated by taking the following measures:
 - Clean the door and the sealing surfaces of the oven.
 - Reorient the receiving antenna of the radio, TV, Bluetooth, or other equipment.
 - Relocate the microwave oven in relation to the radio, TV, Bluetooth, or other equipment.
 - Move the microwave oven away from the receiver.
 - Plug the microwave oven into a different outlet so that the microwave oven and receiver are on different branch circuits

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

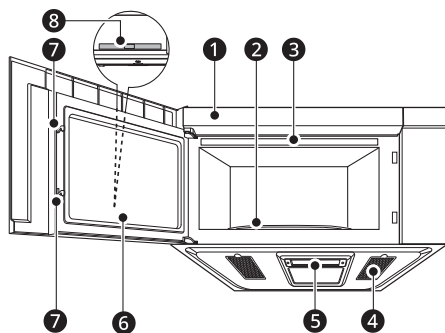
- This equipment generates and uses ISM frequency energy and if not installed and used properly, that is in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with limits for ISM Equipment pursuant 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 following:
 - 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 oven into a different outlet so that the microwave 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.

SAVE THESE INSTRUCTIONS

INSTALLATION

Product Overview

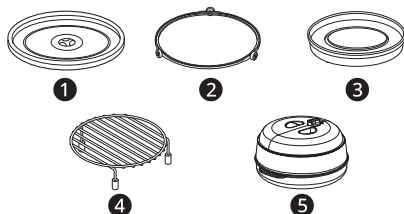
Front View



- ❶ Vent Grille
- ❷ Glass Turntable
- ❸ Location of Model Number
- ❹ Grease Filter
- ❺ Cooktop Light
- ❻ Window with Metal Shield
- ❼ Safety Door Lock System
- ❽ Control Panel

Accessories

Accessories will vary depending on the model purchased.



- ❶ Glass Tray
- ❷ Rotating Ring
- ❸ Metal Tray
- ❹ Metal Rack
- ❺ Steam Bowl

⚠ WARNING

- Do not operate the oven when it is empty or without the glass tray. It is best to leave a glass of water in the oven when not in use. The water will safely absorb all microwave energy, if the oven is accidentally started.

⚠ CAUTION



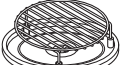



- To avoid risk of personal injury or property damage, do not use stoneware, metal cookware, or metal rimmed cookware in the oven.
- Keep aluminum foil at least 1 inch from the oven walls, metal rack and other pieces of foil. Foil can cause arcing if it gets too close to the oven walls during cooking.

NOTE

- Use the rack for extra space when cooking in more than one container at the same time. Remove the cooking rack when you are not using it.
- This microwave oven is designed for household use only. It is not recommended for commercial use.
- Do not overcook food. The microwave oven can be damaged.
- A beep sounds each time you press a key. A melody signals the end of a timer or a cooking cycle.

8 INSTALLATION

How to Use Accessories

	Microwave	Convection	Combination
	○	△	△
	-	△	△
	-	○	○
	-	○	-
	-	○	○
	○	-	-
Mode	Auto Defrost, Sensor Cook Sensor Reheat, Steam Cook Popcorn, Soften, Melt Kids Meal, Simmer	Convection Bake, Air Fry Warm, Proof, Dehydrate	Combination Bake Combination Roast Speed Combination

○: Recommended method

△: Alternate method

-: Do not use

NOTE

- Do not operate the oven when it is empty except when preheating in the convection mode only. Never operate the microwave while the oven is empty.

- Dimensions (W x H x D):** 29 14/16 x 16 1/2 x 16 3/8 inches
- Dimensions of Oven Cavity (W x H x D):** 21 5/8 x 9 3/4 x 14 1/4 inches
- Capacity of Oven Cavity:** 1.7 cu.ft.
- Net Weight:** 72.3 lbs.

† IEC 60705 RATING STANDARD. Specifications are subject to change without prior notice.

Specifications

MHEC173** Model

- Power Supply:** 120 V AC, 60 Hz
- Rated Power Consumption:** 1700 W (Microwave oven with cooktop lamp and ventilation fan)
- Microwave Output:** Max. 950 W[†]
- Rated Current:** 14.5 A

Installation Requirements

Installation Location

Make sure you have enough space and support.

- Mount the oven against a flat, vertical wall, so it is supported by the wall. The wall should be

constructed of a minimum of 2" x 4" wood studding and 3/8" thick drywall or plaster/lath.

- Attach the 2 lag screws supporting the oven to a vertical, 2" x 4" wall stud.
- DO NOT mount the microwave oven to an island or peninsula cabinet.
- Be sure that the upper cabinet and rear wall structures can support 150 lb. plus the weight of any items you place inside the oven or upper cabinet.
- Locate the oven away from areas with strong drafts, such as near windows, doors, and large heating vents.
- Make sure that you have enough space. See the clearance diagrams in the installation manual for the minimum vertical and horizontal clearances.
- Refer to the **Installation Instructions** for details.

Electrical Requirements

The oven is designed to operate on a standard 120 V/60 Hz household outlet. Be sure that the circuit is at least 15 A or 20 A and the microwave oven is the only appliance on the circuit. It is not designed for 50 Hz or any circuit other than a 120 V/60 Hz circuit. No other electrical appliances or lighting circuits should be on this line. If in doubt, consult a licensed electrician.

Voltage Warning

The voltage used at the wall socket must be the same as specified on the oven name plate located on the back or on the side of the control panel of the oven. Using a higher voltage is dangerous and may result in a fire or other type of accident causing oven damage. Low voltage will cause slow cooking. If the microwave oven does not perform normally in spite of proper voltage, unplug and reconnect the power cord.

Do Not Block Air Vents

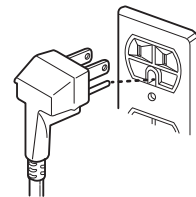
All air vents should be kept clear during cooking. If air vents are covered during oven operation the oven may overheat. To prevent damage to the oven, a sensitive safety device detects overheating and automatically turns the oven off. The oven cannot be used until it has cooled sufficiently.

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.

- 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.
 - 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.
- Ensure that the product is properly grounded before use.



- Keep the electrical power cord dry and do not pinch or crush it in any way.
- For a permanently connected appliance:

This appliance must be connected to a grounded, metallic, permanent wiring system, or an equipment grounding conductor should be run with the circuit conductors and connected to the equipment grounding terminal or lead on the appliance.

WARNING

- Improper use of the grounding can result in a risk of electric shock.
- Do not use extension cord. If the power supply cord is too short, have a qualified electrician or service man install an outlet near the appliance.
- A short power supply cord is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord.

NOTE

- Because this appliance fits under the cabinet, it has a short power supply cord. See the separate installation instructions for directions on properly placing the cord.