User's manual	Manual del usuario	Manuel de l'utilisateur
Customer Service US: 1-800-645-2986	Servicio de atención al Cliente US: 1-800-645-2986	Service à la clientèle Canada: 888-645-2986

Microwave Oven w/Shared-Circuit Interlock, 0.9 Cu. Ft. 900 Watt

Model: B3781856



It is the responsibility of the installer/user to read and understand all instructions and safety information before proceeding with installation. Following these instructions will ensure proper function and safety. Keep these instructions for further reference.

IMPORTANT SAFETY INSTRUCTIONS

- Read all instructions before using this appliance.
- Follow the "Precautions to Avoid Possible Exposure to Excessive Microwave Energy" in this manual.
- This appliance must be grounded. Connect only to a properly grounded outlet.
- Install and operate this appliance only as directed in this manual.
- Do not heat sealed containers (such as eggs in their shells or closed glass jars); they may explode.
- Use this oven only for its intended purpose: heating, cooking, or drying food. Do not use corrosive chemicals or vapors. This oven is not for laboratory or industrial use.
- Hot contents can cause severe burns. Do not allow children to use the microwave unsupervised. Use care when removing hot items.
- Do not operate the oven if the cord or plug is damaged, if it is not working properly, or if it has been dropped or damaged.
- Service should be performed only by qualified service personnel. Contact the nearest authorized service facility.
- Do not cover or block any ventilation openings.
- Do not store this appliance outdoors or use it near water (e.g., near a sink, pool, or in a damp basement).
- Do not immerse the cord or plug in water. Keep the cord away from heated surfaces and do not let it hang over counters or tables.
- When cleaning the door and oven surfaces, use only mild, nonabrasive soap or detergent with a soft cloth.
- To reduce the risk of fire in the oven cavity: do not overcook; remove twist ties from paper or plastic bags; if materials ignite, keep the door closed, turn the oven off, and unplug it; do not store items in the oven cavity.
- Liquids can be overheated beyond the boiling point without appearing to boil. They may suddenly boil over when disturbed. Use extreme caution.
- If using an extension cord, use a grounding type, properly rated 3-wire cord; arrange it to avoid tripping or pulling.
- Only use utensils suitable for microwave ovens.
- Do not operate the oven empty. Do not store food or other items inside when not in use.
- This appliance is not intended for use by young children or infirm persons without supervision.
- Accessible parts may become hot during use. Keep young children away. Avoid touching heating elements inside the oven.
- Do not use harsh abrasive cleaners or sharp metal tools on the door glass, as scratching can lead to breakage.
- The appliance is not intended to be operated by an external timer or separate remote control system.
- This device complies with Part 18 of the FCC Rules.

SAVE THESE INSTRUCTIONS

Countertop Microwave Oven
0.9 Cu. Ft., 900 Watt

PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

- Do not attempt to operate this oven with the door open. Open door operation can result in harmful exposure to microwave energy.
- Do not defeat or tamper with safety interlocks.
- Do not place any object between the oven front face and the door, and keep sealing surfaces clean.
- Do not operate the oven if it is damaged. It is especially important that the door closes properly and that there is no damage to the door, hinges and latches, or door seals and sealing surfaces.
- Adjustments or repairs should be performed only by qualified service personnel.

GROUNDING INSTRUCTIONS

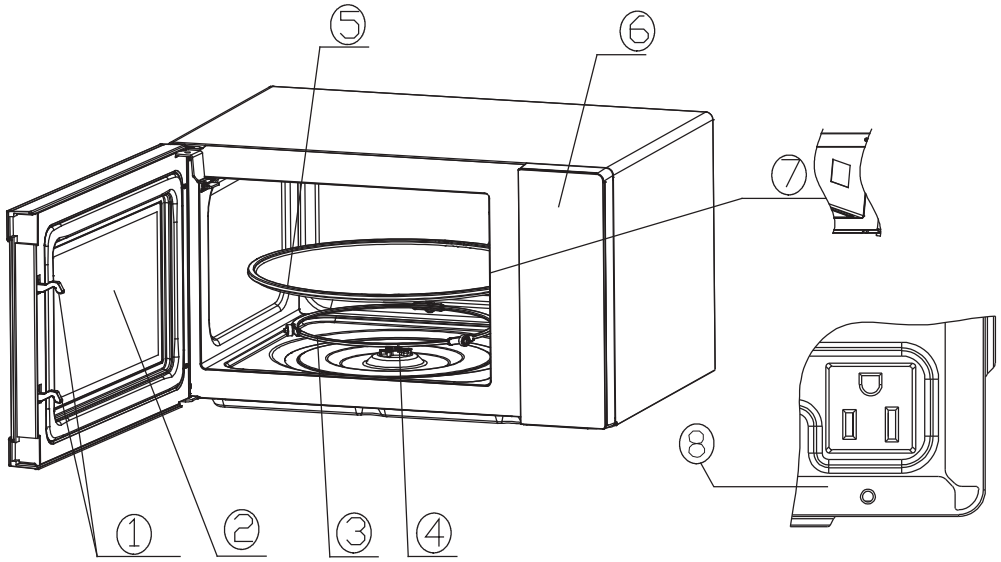
This appliance must be grounded. Connect only to properly grounded outlets. Improper grounding can result in a risk of electric shock.

Tamper-Resistant Receptacle & Shared-Circuit Interlock Safety System

This unit's Tamper-Resistant (TR) receptacle has internal shutters that stay closed unless a plug is fully inserted, preventing shock from foreign objects like hairpins or keys. A shared-circuit interlock also runs the fridge and microwave off one wall connection, cutting power to the fridge while the microwave runs and restoring it after — reducing shock risk and peak electrical draw to help prevent tripped breakers or overheated wiring.

NOTE: Use only a grounded 3-prong plug that fully seats — never force it. If shutters feel stiff or the plug won't insert smoothly, stop and call a technician. In high-use settings (dorms, hotels), have the receptacle checked periodically for wear. Keep it dry and free of dust or grease; never spray cleaners into the socket.

SPECIFICATIONS



1. Door Lock
2. Viewing Window
3. Turntable Roller Ring
4. Turntable Coupler
5. Turntable
6. Control Panel
7. Waveguide Cover
8. TR Interlock receptacle

Model:	B3781856
Power Supply:	120V ~ 60Hz
Rated Input Power:	1350W
Rated Output Power:	900W
Oven Capacity:	0.9 Cu. Ft. (25L)
External Dimensions:	18 14/16" W x 13 14/16" D x 11 8/16" H
Internal Dimensions:	12 7/16" W x 13 1/16" D x 9 4/16" H
Net Weight:	26.7 lb (12.1 kg)

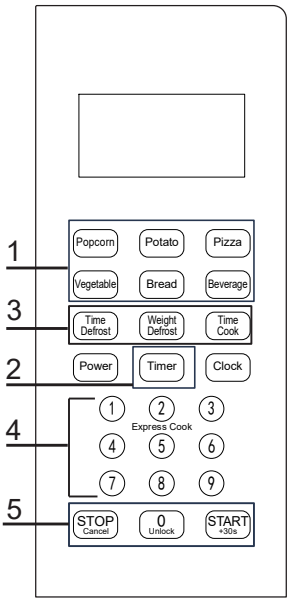
Countertop Microwave Oven
0.9 Cu. Ft., 900 Watt

INSTALLATION

- Remove all packaging. If a protective film covers the oven, remove it before use. Inspect for damage and contact your dealer or service center if found.
- Place the oven in a dry, non-corrosive environment, away from heat and humidity (for example, stoves or sinks).
- Provide ventilation clearances: at least 3.93" (rear), 1.97" (sides), and 7.87" (top). The oven should be at least 3.62" above the floor.
- Position the oven away from TVs, radios, or antennas to prevent interference.
- Ensure the plug is accessible and the outlet is properly grounded.
- Operate only with the door closed. Do not place the oven in a closed cabinet. The back of the oven should be against a wall.
- During initial uses, slight odor or smoke may occur due to residual manufacturing materials. This is normal and dissipates after several uses. To help, place a cup of water inside and run on High a few times with good ventilation.

CONTROL PANEL

1. Auto-cook menus (8)
2. Timer
3. Defrost and Time Cook
4. Number keypad (0–9)
5. Stop, start and clock setting



OPERATION INSTRUCTIONS

Microwave Power Levels

There are 10 power levels (100% to 10%). Press **POWER** repeatedly to select a level. Enter cooking time with number keys (max 99:99), then press START/+30s.

- High (100%–90%): quick, thorough cooking.
- Medium High (80%–70%): general cooking.
- Medium (60%–50%): steaming foods.
- Medium Low (40%–30%): defrosting.
- Low (20%–10%): keeping food warm.
- Do not use a grill rack during microwave cooking.
- Never operate the oven empty.
- At maximum power, the oven may automatically reduce power after a period to prolong service life.
- If you pause to turn food, press START/+30s to resume the preset program.
- To cancel a program before it finishes, press STOP to clear it.

Defrost

Two defrost modes are available: dEF1 (by weight) and dEF2 (by time). Press DEFROST to select dEF1 or dEF2, then enter weight (4–50 oz) or time (up to 99:99) via 0~9 number keys and press START/+30s. In dEF1, a beep prompts you to turn food midway.

- Turn food during defrosting for even results.
- Defrosting often takes longer than cooking.
- If a knife can cut through, defrosting is complete.
- Microwaves generally penetrate about 4 cm into food.
- Consume defrosted food promptly; do not refreeze.

Timer

In standby, press TIMER, enter time (max 99: 99), then START/+30s to begin countdown. A tone sounds at completion.

Auto Cooking

- A.1 Popcorn — 3.0 oz / 3.5 oz
- A.2 Potato — 9 oz
- A.3 Pizza — 7 oz (Refrigerated) / 7 oz (Frozen)
- A.4 Vegetables — 7 oz / 10.5 oz
- A.5 Bread — 1.75 oz / 3.5 oz / 7 oz / 10.5 oz / 14 oz / 17.5 oz
- A.6 Beverage — 1 cup (≈9 oz)

Note: Food starting temperature (≈20–25°C / 68–77 °F) affects cook time. Adjust as needed for temperature, weight, and shape.

Express Cook

In standby, press number keys 1–6 to cook for 1–6 minutes, then START/+30s. Or close the door and press START/+30s to start 30 seconds; press again to add 30 seconds.

Clock (0/Clock)

Press and hold 0/Clock for 3 seconds to set the 12 hour clock. Enter the time with number keys, then press START/+30s to confirm.

Stop and Start/+30s

STOP cancels settings or pauses operation. In pause, press STOP again to cancel and return to standby. START/+30s begins cooking or adds 30 seconds during operation (not available in auto menu or weight defrost modes).

Child Lock

Press and hold STOP for 3 seconds to lock/unlock the control panel. A key icon shows when locked.

Countertop Microwave Oven 0.9 Cu. Ft., 900 Watt

Two-Step Door Opening

Operation of the Two-Step Door Opening

When the microwave oven is operating, or within 30 minutes after operation has ended:

1. Press the STOP button to pause operation or return the oven to standby mode.
2. Open the oven door.

When the microwave oven has not been in operation, or more than 30 minutes have elapsed since operation ended, the oven door can be opened directly.

Enabling or Disabling the Two-Step Door Opening Function

While the microwave oven is in standby mode, press and hold the STOP, START, and POWER buttons in sequence without releasing any button. The display will indicate "ON" or "OFF", and the Two-Step Door Opening function will be toggled accordingly.

When enabled:

The oven door cannot be opened directly during operation. The two-step door opening procedure must be followed.

When disabled:

The oven door can be opened directly at any time, regardless of operating mode.

Factory Default Setting:

The Two-Step Door Opening function is set to ON by default whenever power is supplied to the appliance.

CONTAINERS SUITABLE FOR MICROWAVES

Not every non-metallic container is safe to use for microwaving. Please follow the procedure below to test whether a container is microwave safe:

Materials That Can Be Used

Aluminum Foil
Small smooth pieces can be used to cover thin parts of meat or poultry to prevent overcooking. Arcing can occur if foil is too close to oven walls. The foil should be at least 1 inch (2.5 cm) away from walls.

Browning Dish
Follow manufacturer's instructions. The bottom of browning dish must be at least 3/16" (5 mm) above the bottom surface.

Dinnerware
Must be marked as "microwave-safe." Do not use cracked or chipped dishes.

Glass Jars
Always remove lid. Use only to heat food until just warm. Most glass jars are not heat resistant and may break.

Glassware
Use only heat-resistant oven glassware. Make sure there is no metallic trim. Do not use cracked or chipped dishes.

Oven Cooking Bags
Follow manufacturer's instructions. Do not close with metal tie. Make slits to allow steam to escape.

Paper Plates and Cups
Use only for short term cooking. Do not leave oven unattended while cooking.

Paper Towels
Use to cover food for reheating and absorbing fat. Use with supervision for short-term cooking only.

Parchment Paper
Use as a cover to prevent splattering or a wrap for steaming.

Plastic
Must be marked as "microwave-safe." Follow the manufacturer's instructions. Keep in mind that some plastic containers soften as the food inside gets hot. Tightly closed bags should be slit, pierced or vented as directed by package instructions.

Plastic Wrap
Must be marked as "microwave-safe." Use to cover food during cooking to retain moisture. Do not allow plastic wrap to touch food.

Thermometers
Must be marked as "microwave-safe."

Wax Paper
Use as a cover to prevent splattering and retain moisture.

Materials That Cannot Be Used

Aluminum Tray
May cause arcing.

Food Cartons With Metal Handles
May cause arcing.

Metal or Metal-Trimmed Utensils
Metal shields the food from microwave energy. Metal trim may cause arcing.

Metal Twist Ties
May cause arcing and could cause a fire in the oven.

Paper Bags
May cause a fire inside the oven.

Plastic Foam
Plastic foam may melt and contaminate the food.

Wood
Wood will dry out when used in the microwave oven and may split or crack.

CLEANING

Glass window, inner door panel and oven front face
Wipe these parts with a mild detergent, rinse and wipe dry. Never use abrasive powders or pads.

Control panel and plastic parts
Do not apply a detergent or an alkaline liquid spray to the control panel and plastic parts. Use a slightly wet cloth (not a soaked cloth) to clean these parts.

Oven interior
Clean up spilled liquids, spattered oil and food debris as quickly as possible. If the oven is used when dirty, efficiency drops and the dirt gets stuck on the oven surface causing odors. Clean the interior with a cloth soaked in warm water with a mild detergent dissolved in it. Wipe the soap off with a damp cloth.