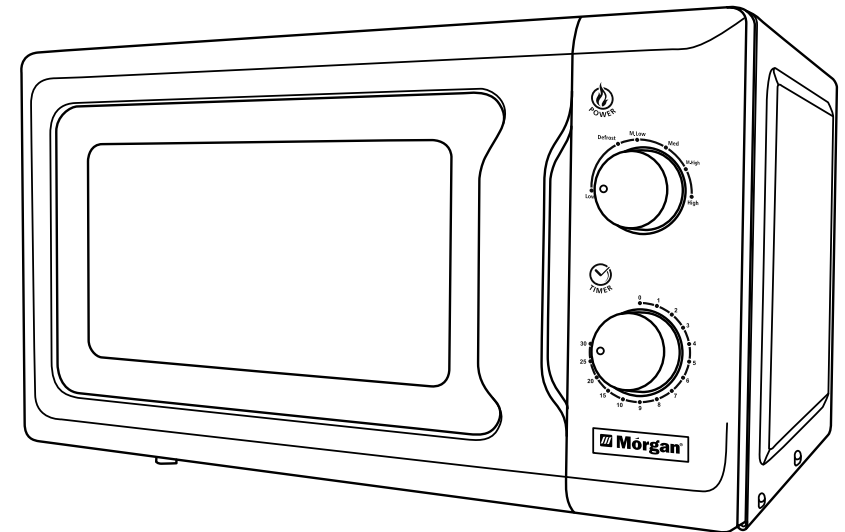


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USER MANUAL



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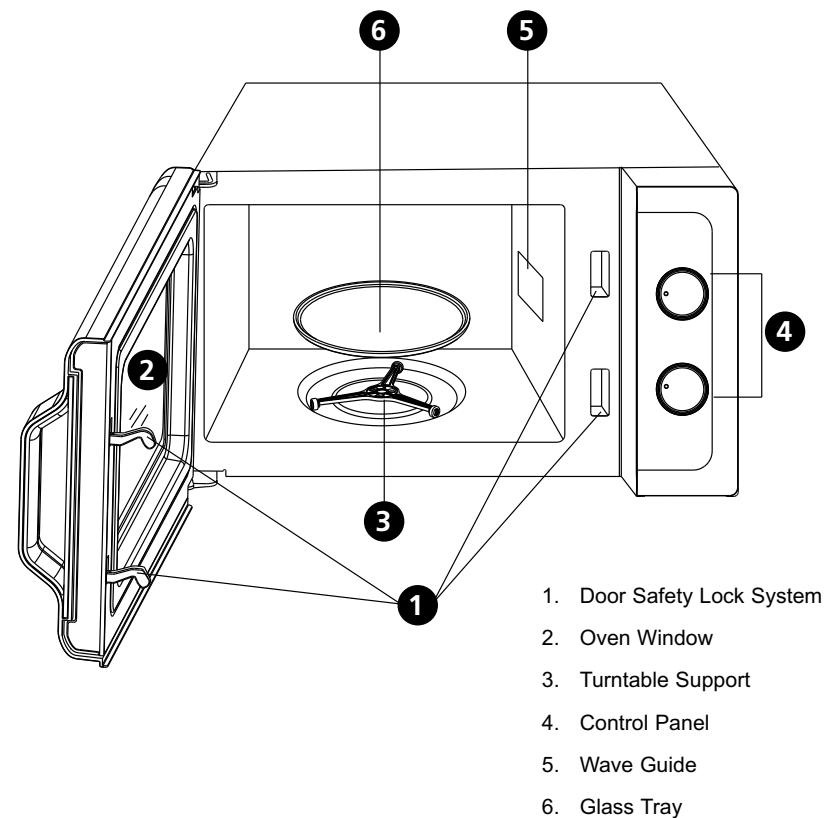
Microwave Oven

MMO-BB20M

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PARTS IDENTIFICATION



SPECIFICATIONS

Model	MMO-BB20M
Power Consumption	230-240V~50Hz, 1200W (Microwave)
Rated microwave power output	700W
Operation Frequency	2450MHz
Dimensions (mm)	262(H) x 455(W) x 345(D)
Capacity Compact	20L
Net Weight	Approx.10.5 kg

Thank you for purchasing a quality MORGAN appliance. We trust that you will have a pleasant experience with your new product. To guarantee safety and best efficiency, please read this manual carefully and keep a copy for future reference.

SAFETY INFORMATION

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

IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliance 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. Use this appliance only for its intended use as described in this manual. Do not use corrosive chemicals or vapors in this appliance. This microwave oven is specifically designed to heat, cook or dry food. It is not designed for industrial or laboratory use.
3. Do not operate the microwave oven when empty.
4. Do not operate this appliance if it has a damaged power cord or power plug, if it is not working properly or if it has been damaged or dropped. If the power cord is damaged, it must be replaced by the manufacturer or its authorized service agent or a similarly qualified person in order to avoid a hazard
5. **WARNING:** Only allow children to use the microwave oven without supervision when adequate instructions have been given so that the child is able to use the microwave oven in a safe way and understands the hazards of improper use.

IMPORTANT SAFETY INSTRUCTIONS

6. To reduce the risk of fire in the microwave oven cavity:
 - a. When heating food in plastic or paper container, inspect the microwave oven frequently for the possibility of ignition.
 - b. Remove wire twist-ties from paper or plastic bags before placing bag in microwave oven.
 - c. If smoke is observed, switch off or unplug the appliance and keep the door closed in order to stifle any flames.
 - 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.
7. **WARNING:** Liquid or other food must not be heated in sealed containers since they are liable to explode.
8. Microwave heating of beverages can result in delayed eruptive boiling; therefore, exercise caution when handling the container.
9. Do not fry food in the microwave oven. Hot oil can damage microwave oven parts, utensils and result in skin burns.
10. Do not heat eggs in their shell and whole hard-boiled eggs in microwave ovens since they may explode even after microwaving has ended.
11. Pierce foods with heavy skins such as potatoes, whole squashes, apples and chestnuts before microwaving.
12. The contents of feeding bottles and baby jars should be stirred or shaken, and the temperature should be inspected before serving to avoid burns.
13. **WARNING:** Cooking utensils may become hot due to the heat transferred from heated food. Potholders may be needed to handle the utensil.
14. Utensils should be checked to ensure that they are suitable for use in microwave oven.
15. **WARNING:** It is hazardous for anyone other than a trained person to perform any service or repair operation which involves the removal of any cover which gives protection against exposure to microwave energy.
16. This product is a Group 2 Class B ISM equipment. The definition of Group 2 which contains all ISM (Industrial, Scientific and Medical) equipment in which radio-frequency energy is intentionally generated and/or used in the form of electromagnetic radiation for the treatment of material, and spark erosion equipment. For Class B equipment is equipment suitable for use in domestic establishments and in establishments directly connected to a low voltage power supply network which supplies buildings used for domestic purpose.
17. 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.
18. Children should be supervised to ensure that they do not play with the appliance.

IMPORTANT SAFETY INSTRUCTIONS

19. The microwave oven is only used in freestanding.
20. **WARNING:** Do not install microwave oven over a range cooktop or other heat-producing appliance. Doing so may damage the appliance and void the warranty.
21. **WARNING:** Exterior surface may be hot during operation.
22. Do not place the microwave oven in a cabinet.
23. The door or the outer surface may get hot during operating.
24. Place the appliance against a wall.
25. **WARNING:** Do not operate this appliance with damaged door or door seals until it has been repaired by an authorized service technician.
26. **CAUTION:** This appliance is not intended to be operated by means of an external timer or separate remote-control system.
27. This appliance is intended for household use only and not for commercial use.
28. Do not remove the distance holder in the back or on the sides, as it ensures a minimum distance from the wall for air circulation.
29. Always secure the turn table before moving to avoid damage to the appliance.
30. **CAUTION:** It is dangerous to repair or service the appliance other than by an authorized technician as the cover must be removed for protection against microwave radiation. This applies to changing the power cord or the lighting. Send the appliance in these cases to our service centre.
31. The microwave oven is intended for defrosting, cooking and steaming of food only.
32. Use oven mitts to remove heated food.
33. **CAUTION:** Steam will escape when opening lids or wrapping foil.
34. If smoke is observed during operation, switch off, unplug the appliance and keep the door closed in order to stifle the smoke.

INSTALLATION

1. Ensure that all packing materials are removed from the inside of the door.
2. **WARNING:** Inspect the microwave oven for any signs of damage, such as misaligned or bent door, damaged door seals and sealing surface, broken or loose door hinges and latches and dents inside the cavity or on the door. Do not operate the microwave oven if there are any signs of damage and contact our authorized service personnel.
3. This microwave oven must be placed on a flat, stable surface to hold its weight and the heaviest food likely to be cooked in the microwave oven.
4. Do not place the microwave oven where heat, moisture, or high humidity are generated, or near combustible materials.
5. For correct operation, the microwave oven must have adequate airflow. Allow 20cm of space above the microwave oven, 10cm at back and 5cm at both sides. Do not cover or block any openings on the appliance. Do not remove feet.
6. Do not operate the microwave oven without glass tray, roller support, and shaft in their proper positions.
7. Ensure that the power cord is not damaged and does not run under the microwave oven or contact with any hot or sharp surface.
8. The power supply must be readily accessible so that it can be easily unplugged in an emergency.
9. Do not use the microwave oven outdoors.

RADIO INTERFERENCE

Operation of the microwave oven can cause interference to your radio, TV, or similar equipment. When there is interference, it may be reduced or eliminated by taking the following measures:

1. Clean door and sealing surface of the microwave oven.
2. Reorient the receiving antenna of radio or television.
3. Relocate the microwave oven with respect to the receiver.
4. Move the microwave oven away from the receiver.
5. Plug the microwave oven into a different power supply so that the microwave oven and receiver are on different branch circuits.

MICROWAVE COOKING PRINCIPLES

1. Arrange food carefully. Place thickest areas towards outside of dish.
2. Observe cooking times. Cook for the shortest amount of time indicated and add more as needed. Severely overcooked food can smoke or ignite.
3. Cover foods while cooking. Covers prevent spattering and help foods to cook evenly.
4. Turn foods over once during microwave cooking to expedite cooking of such foods as chicken and hamburgers. Large items like roasts must be turned over at least once.
5. Rearrange foods such as meatballs halfway through cooking both from top to bottom and from the center of the dish to the outside.

GROUNDING INSTRUCTIONS

This appliance must be grounded. This oven is equipped with a power cord having a grounding wire and a grounding plug. It must be plugged into power supply that is properly installed and grounded. In the event of an electrical short circuit, grounding reduces risk of electric shock by providing an escape wire for the electric current. It is recommended that a separate circuit serving only the microwave oven be provided. Using a high voltage is dangerous and may result in fire or other accident causing microwave oven damage.

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

NOTE:

1. Consult a qualified electrician or service person for enquires about grounding or electrical instructions.
2. Neither the manufacturer nor the dealer can accept any liability for damage to the microwave oven or personal injury resulting from failure to observe the electrical connection procedures.

The wires in this cable main are colored in accordance with the following code:

Green and Yellow = EARTH

Blue = NEUTRAL

Brown = LIVE

BEFORE CALLING FOR SERVICE

IF THE MICROWAVE OVEN FAILS TO OPERATE:

1. Ensure that the microwave oven is plugged into the power supply securely. If it is not, remove the power plug from the power supply, wait 10 seconds, and plug it in again securely.
2. Check for a blown circuit fuse or a tripped main circuit breaker. If these seem to be operating properly, test the outlet with another appliance.
3. Ensure that the control panel is programmed, and the timer is set correctly.
4. Microwave energy will not flow into the microwave oven if the door is not securely closed with the doorsafety lock system engaged.

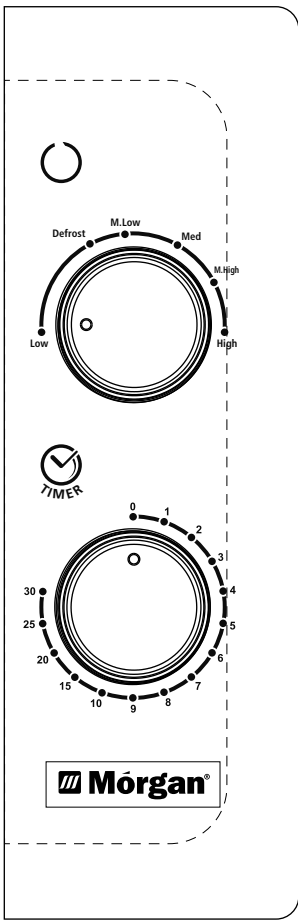
CONTACT A QUALIFIED TECHNICIAN IF NONE OF THE ABOVE RECTIFIES THE SITUATION. DO NOT ATTEMPT TO ADJUST OR REPAIR THE MICROWAVE OVEN YOURSELF.

UTENSILS GUIDE

1. The ideal material for a microwave utensil is transparent to microwave, as it allows energy to pass through the container and heat the food.
2. Microwave cannot penetrate metal, so metal utensils or dishes with metallic trim should not be used.
3. Do not use recycled paper products when microwave cooking, as they may contain small metal fragments which may cause sparks and/or fires.
4. Round /oval dishes rather than square/oblong ones are recommended, as food in corners tends to overcook.
5. To prevent overcooking of exposed areas, please use the microwave safe utensil to cover the food.

The list below is a general guide to help you select the correct utensils.

COOKWARE	MICROWAVE
Heat-Resistant Glass	Yes
Non Heat-Resistant Glass	No
Heat-Resistant Ceramics	Yes
Microwave-Safe Plastic Dish	Yes
Kitchen Paper	Yes
Metal Tray	No
Metal Rack	No
Aluminum Foil & Foil Containers	No



The control panel consists of two function operators. One is a timer knob, and the other, a power knob.

POWER/ACTION SELECTOR

Use this operator knob to choose a cooking power level. It is the first step to start a cooking session.

TIMER KNOB

It offers visual timing settings at easy turn of your thumb to select a desired cooking time up to 30 minutes per cooking session.

MICROWAVE COOKING

Choose from 6 power levels for pure microwave cooking.

Turn the knob clockwise to increase power levels. The power levels can be classified as the following:

POWER OUTPUT	DESCRIPTION
100%	HIGH
88%	M.HIGH
73%	MED
52%	M.LOW
42%	DEFROST
20%	LOW

OPERATION

To begin a cooking session,

1. Place food in microwave oven and close the door.
2. Turn Power Selector to select a desired power level.
3. Use Timer knob to set desired cooking time.

NOTE: As soon as the timer is turned, microwave oven starts cooking. When selecting cooking time for less than 2 minutes, turn timer past 2 minutes and then return to the correct time.

CAUTION: ALWAYS RETURN TIMER BACK TO "0" POSITION if food is removed from microwave oven before the set cooking time is complete or when microwave oven is not in use. To stop microwave oven during cooking process, push the door release button or open the door by the handle.

1. Turn off the microwave oven and remove the power plug from the power supply before cleaning.
2. Keep the interior of the microwave oven clean. When food splatters or spilled liquids adhere to microwave oven walls, wipe with a damp cloth. Mild detergent may be used if the microwave oven gets dirty. Avoid the use of spray and other harsh cleaners as they may stain, streak or dull the door surface.
3. Clean exterior surfaces with a damp cloth. To prevent damage to the operating parts inside the microwave oven, water should not be allowed to seep into the ventilation openings.
4. Wipe the door and window on both sides, the door seals and adjacent parts frequently with a damp cloth to remove any spills or splatters. Do not use abrasive cleansers.
5. Do not wet the control panel. Clean with a soft, damp cloth. When cleaning the control panel, leave microwave oven door open to prevent microwave oven from accidentally turning on.
6. If steam accumulates inside or around the outside of the microwave oven door, wipe with a soft cloth. This may occur when the microwave oven is operated under high humidity condition and it is normal.
7. It is occasionally necessary to remove the glass tray for cleaning. Wash the tray in warm sudsy water or in a dishwasher.
8. The roller ring and microwave oven floor should be cleaned regularly to avoid excessive noise. Simply wipe the bottom surface of the microwave oven with mild detergent. The roller ring may be washed in mild sudsy water or dishwasher. When removing the roller ring from cavity floor for cleaning, be sure to replace in the proper position.
9. Remove odors from your microwave oven by combining a cup of water with the juice and skin of one lemon in a deep microwaveable bowl, microwave for 5 minutes. Wipe thoroughly and dry with a soft cloth.
10. When it becomes necessary to replace the microwave oven light, please consult a dealer to have it replaced.
11. The microwave oven should be cleaned regularly, and any food deposits removed. Failure to maintain the microwave oven in a clean condition could lead to deterioration of the surface that could adversely affect the appliance's lifespan and affect performance.
12. Do not dispose this appliance with domestic waste. Dispose it at a designated disposal center provided by the municipalities.