

Intended use

Your BLACK+DECKER MZ2020P Microwave oven has been designed to heat appropriate foods & beverages using electromagnetic radiation.

Always check the suitability of ingredients before cooking.

This product is intended for consumer use only.

Thank you for choosing BLACK+DECKER. We hope that you will enjoy using this product for many years.

For indoor domestic household use only.

This appliance is not to be used in:

- ◆ Staff kitchen areas in shops, offices and other working environments;
- ◆ Farm Houses;
- ◆ By clients in hotels, motels and other residential type environments;
- ◆ Bed and breakfast type environments or any other non household type environments.

Safety instructions



Warning! Read all safety warnings and all instructions. Failure to follow the warnings and instructions listed below may result in electric shock, fire and/or serious injury.

- ◆ Read all of this manual carefully before using the appliance.
- ◆ The intended use is described in this manual. The use of any accessory or attachment or the performance of any operation with this appliance other than those recommended in this instruction manual may present a risk of personal injury.

Warning! When using mains-powered appliances, basic safety precautions, including the following, should always be followed to reduce the risk of fire, electric shock and personal injury and material damage.

- ◆ The intended use is described in this manual. The use of any accessory or attachment or the performance of any operation with this appliance other than those recommended in this instruction manual may present a risk of personal injury.
- ◆ Retain this manual for future reference.

Important safety instructions. Read carefully and keep for future reference

Warning! If the door or door seals are damaged, the oven must not be operated until it has been repaired by a competent person.

Warning! It is hazardous for anyone other than a competent person to carry out any service or repair operation that involves the removal of a cover which gives protection against exposure to microwave energy.

Precautions to avoid possible exposure to excessive microwave energy

- ◆ Do not attempt to operate this oven with the door open since this can result in harmful exposure to microwave energy. It is important not to break 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.
- ◆ If the apparatus is not maintained in a good state of cleanliness, its surface could be degraded and affect the life span of the apparatus and lead to a dangerous situation.

Warning! Liquids and other foods must not be heated in sealed containers since they are liable to explode.

- ◆ Do not overcook food.
- ◆ Do not use the oven cavity for storage purposes. Do not store items, such as bread, cookies, etc. inside the oven.
- ◆ Remove wire twist-ties and metal handles from paper or plastic containers/bags before placing them in the oven.
- ◆ Install or locate this oven only in accordance with the installation instructions provided
- ◆ Metallic containers for food and beverages are not allowed during microwave cooking.
- ◆ The microwave oven is intended for heating food and beverages. Drying of food or clothing and heating of warming pads, slippers, sponges, damp cloth and similar may lead to risk of injury, ignition or fire.
- ◆ If smoke is observed, switch off or unplug the appliance and keep the door closed in order to stifle any flames.
- ◆ This microwave oven is a free-standing unit & must not be built-in or placed in a cabinet.
- ◆ The oven must have sufficient air flow. To ensure good ventilation, a gap of 10 centimetres is required at the back, 15 centimetres at one side, 30 centimetres at the other side and 30 centimetres above.
- ◆ Product should not be installed any higher 900mm above floor level.
- ◆ Only use utensils that are suitable for use in microwave ovens.
- ◆ Never leave metal utensils in the Microwave.
- ◆ When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition.
- ◆ Microwave heating of beverages can result in delayed eruptive boiling therefore care must be taken when handling the container.
- ◆ The contents of feeding bottles and baby food jars shall be stirred or shaken and the temperature checked before consumption, in order to avoid burns.

- ◆ Eggs in their shell and whole hard-boiled eggs should not be heated in microwave ovens since they may explode, even after microwave heating has ended.
- ◆ The oven should be cleaned regularly and any food deposits 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.
- ◆ To protect against the risk of electric shock, DO NOT IMMERSE the appliance, cord set or plug in water or other liquids.
- ◆ This appliance is not intended to be operated by means of an external timer or separate remote-control system.
- ◆ Accessible parts may become hot during use. Young children should be kept away.
- ◆ Steam cleaner is not to be used.
- ◆ During use the appliance becomes hot. Care should be taken to avoid touching heating elements inside the oven.
- ◆ Only use the temperature probe recommended for this oven.
- ◆ **Warning:** The appliance and its accessible parts become hot during use. Care should be taken to avoid touching heating elements. Children less than 8 years of age shall be kept away unless continuously supervised.
- ◆ The rear surface of appliance shall be placed against a wall.
- ◆ The microwave oven must not be placed in a cabinet.
- ◆ Do not remove the feet from this product.
- ◆ Do not cook food directly on the glass tray. Always use a bowl or other container that is suitable for use in a microwave oven.
- ◆ Do not cover or block any openings on the appliance.
- ◆ Avoid touching hot surfaces, use handles and knobs.
- ◆ Do not operate or place any part of this appliance on or near any hot surfaces (such as gas or electric burner or in a heated oven) or any appliance that generates steam.
- ◆ Do not abuse the cord. Never carry the appliance by the cord or yank it to disconnect it from the outlet; instead, grasp the plug and pull to disconnect.
- ◆ When using an extension cord with your appliance, make sure the extension cord is correctly wired, and rated for its use.
- ◆ The microwave oven should be placed on a flat stable surface which can hold the weight of the appliance and the heaviest of food likely to be cooked inside.
- ◆ Do not place any item on top of the oven.
- ◆ Do not place the oven where heat, moisture or high humidity are generated, or near combustible materials.
- ◆ Do not operate the microwave oven without the glass tray or roller support in their proper positions.
- ◆ Make sure that the power supply cord is undamaged and does not run under the microwave oven or over any hot or sharp surfaces.
- ◆ The power outlet this oven is connected to must be readily accessible so it can be easily unplugged if necessary.
- ◆ Do not operate the appliance when empty. This could damage the oven.
- ◆ Do not use the oven to store any items.
- ◆ Food surrounded by a membrane, such as egg yolks, potatoes, chicken livers, etc. must be pierced several times with a fork before cooking.
- ◆ Do not use metal pans or dishes with metal handles.
- ◆ Never place any item with a metal trim inside a microwave.
- ◆ Always remove twist-ties from any foods before operating the microwave.
- ◆ Some plastics are not suitable for use in a microwave. Always check the suitability of any item before use.
- ◆ Do not cook in a container with a restricted opening as they may explode if heated in a microwave oven.
- ◆ Conventional meat or candy thermometers must not be used in the oven. Only thermometers that are specifically made for microwaves should be used.
- ◆ Microwave utensils should be used only in accordance with the manufacturer's instructions.
- ◆ Do not attempt to deep-fry foods in this oven.
- ◆ Microwave ovens heat the food in a container and not the container itself. It is always necessary to check the temperature of the food to ensure it is correctly cooked.
- ◆ Always stir food to distribute the heat evenly and allow it to stand for a few minutes before consumption.
- ◆ Containers used for cooking can become hot because of heat transferred from the heated food. Always use oven gloves when removing items from the oven.

Using your appliance

- ◆ Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions, or is dropped or damaged in any manner. Return the complete appliance to your nearest authorised service facility for examination, electrical repair, mechanical repair or adjustment to avoid any hazard.
- ◆ Do not attempt to repair the appliance yourself; instead, take it to your BLACK+DECKER-owned or Authorised Service Centre for repair.
- ◆ The use of attachments or accessories not recommended or sold by this appliance manufacturer may result in fire, electric shock or personal injury.
- ◆ Do not let the cord hang over the edge of a table, counter, or touch hot surfaces.

- ◆ If steam accumulates inside or around the outside of the oven door, wipe with a soft cloth. This may occur when the microwave oven is operated under high humidity conditions and in no way indicates malfunction of the unit.
- ◆ Do not use the appliance outdoors.
- ◆ Do not operate the appliance if your hands are wet. Do not operate the appliance if you are barefoot.
- ◆ If the power supply cord is damaged during use, disconnect the appliance from the power supply immediately. Do not touch the power supply cord before disconnecting from the power supply.
- ◆ Disconnect the appliance from the power supply when not in use and before cleaning.

Safety of others

- ◆ 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.
- ◆ Do not allow children or any person unfamiliar with these instructions to use the appliance.
- ◆ Do not allow children or animals to come near the work area or to touch the appliance or power supply cord.
- ◆ Close supervision is necessary when the appliance is used near children.

After use

- ◆ Switch off and remove the plug from the socket before leaving the appliance unattended and before changing, cleaning or inspecting any parts of the appliance.
- ◆ When not in use, the appliance should be stored in a dry place. Children should not have access to stored appliances.

Electrical safety

Before use, check that the mains voltage corresponds to the voltage on the rating plate.



This product must be earthed. Always check that the mains voltage corresponds to the voltage on the rating plate

- ◆ Appliance plugs must match the outlet. Never modify the plug in any way.
- ◆ Do not use any adapter plugs with earthed (Class 1) appliances. Unmodified plugs and matching outlets will reduce the risk of electric shock.
- ◆ To avoid the risk of electric shock, do not immerse the cord, plug or motor unit in water or other liquid.

Extension cables & class 1 product

- ◆ A 3 core cable must be used as your tool is earthed and of class 1 construction.
- ◆ Up to 30m (100 ft) can be used without loss of power.
- ◆ If the supply cord is damaged, it must be replaced by the manufacturer or an authorised BLACK+DECKER Service Centre in order to avoid a hazard.

Labels on Appliance

The following pictograms along with the date code are shown on the appliance:



Warning! Hot surface.

Features

1. Control panel
2. Turntable shaft
3. Turntable ring assembly
4. Glass tray
5. Observation window
6. Door assembly
7. Safety interlock system
8. Grill rack (only to be used in grill function and must be placed on the glass tray).

Unpacking

- ◆ Remove all packaging from the appliance.
- ◆ Inspect the oven after unpacking for any damage such as a misaligned or damaged door, door seals, dents or holes in the door window and screen, and any dents in the cavity. If any of these are seen, **DO NOT** use the oven.

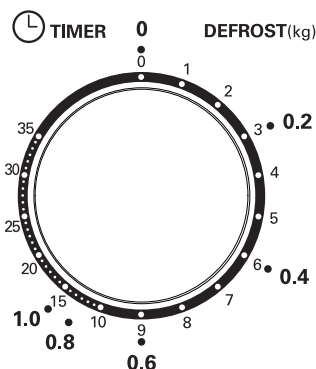
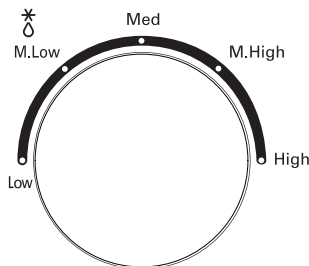
Assembly

Warning! Before assembly, make sure that the appliance is switched off and unplugged.

- ◆ Place the appliance on a flat, even surface.
- ◆ Open the door (6) & place the turntable shaft (2) into the hole in the cavity base.
- ◆ Place the turntable ring assembly (3) into the grooves in the cavity.
- ◆ Align the glass tray (4) on top of the turntable ring assembly (3).
- ◆ Connect the appliance to a suitable electrical supply.
- ◆ Never place the glass tray upside down. The glass tray should never be restricted.
- ◆ Both glass tray and turntable ring assembly must always be used during cooking.
- ◆ All food and containers of food are always placed on the glass tray for cooking.
- ◆ If glass tray or turntable ring assembly cracks or breaks, contact your nearest authorized service center.

Use

Control panel



Operating instructions

- ◆ To set the cooking power turn the power knob to the desired level.
- ◆ To set the time of cooking turn the timer knob to the desired time per your food cooking guide.
- ◆ The microwave oven will automatically start cooking after power level and time are set.
- ◆ After the cooking time is up, the unit will "Ding" and stop.
- ◆ If the unit is not in use, always set time to "0".

Troubleshooting

Trouble	Possible Cause	Solution
Microwave oven interferes with T.V. reception.	Radio and T.V. reception may be interfered with when operating the oven. This is similar to the interference of small electrical appliances, like mixers, vacuum cleaners and electric fans.	This is normal.

Trouble	Possible Cause	Solution
Dim oven light.	In low power microwave cooking, oven light may become dim.	This is normal.
Steam accumulating on door, hot air escaping from vents.	In cooking, steam may escape from food. Most will escape through the vents, but some may accumulate on cool places like the oven door.	This is normal.
Oven will not start.	Power cord not connected properly. Fuse blown. Trouble with outlet.	Unplug the power cord. Then plug in again after 10 seconds. Replace fuse and reset circuit breaker. Test outlet with other electrical appliance.
Oven will not heat.	Door not closed properly	Close door properly
Glass turntable makes noise when microwave is in operation.	Dirt has accumulated on turntable rollers.	Refer to 'Cleaning and Maintenance' section on cleaning parts.

Materials you can use in microwave oven

Utensil	Remarks
Aluminium foil.	Shielding only. 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 (2.5cm) away from oven walls
Browning dish.	Follow manufacturer's instructions. The bottom of the browning dish must be at least 3/16 inch (5mm) above the turntable. Incorrect usage may cause the turntable to break.
Dinnerware.	Microwave-safe only. Follow manufacturer's instructions. 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.	Heat-resistant oven glassware only. 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 for short-term cooking/warming only. 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	Microwave-safe only. Follow the manufacturer's instructions. Should be labelled 'Microwave Safe'. Some plastic containers soften, as the food inside gets hot. 'Boiling bags' and tightly closed plastic bags should be slit, pierced or vented as directed on package.

Utensil	Remarks
Plastic wrap	Microwave-safe only. Use to cover food during cooking to retain moisture. Do not allow plastic wrap to touch food
Thermometers	Microwave-safe only.

Materials to be avoided in microwave oven

Utensil	Remarks
Aluminium tray.	May cause arcing. Transfer food into microwave-safe dish.
Food carton with metal handle.	May cause arcing. Transfer food into microwave-safe dish.
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 in the oven.
Plastic foam.	Plastic foam may melt or contaminate the food inside when exposed to high temperature.
Wood.	Wood will dry out when used in the microwave oven and may split or crack.

Cleaning and maintenance & storage

Warning! Before cleaning and maintenance, switch the appliance off and remove the plug from the socket.

Warning! Do not immerse the appliance or the cord set or the plug in water or any other liquid.

- ◆ Clean the cavity of the oven after using with a slightly damp cloth.
- ◆ Clean the accessories in the usual way in soapy water.
- ◆ The door frame and seal and neighbouring parts must be cleaned carefully with a damp cloth when they are dirty.
- ◆ Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass.
- ◆ Do not use solvents or other corrosive chemicals or vapours for cleaning this appliance.
- ◆ **Cleaning Tip!** For easier cleaning of the cavity walls that the cooked food may come in to contact with: Place half a lemon in a bowl, add 300ml (1/2 pint) water and heat on 100% microwave power for 10 minutes. Wipe the oven clean using a soft, dry cloth.

Mains plug replacement

If a new mains plug needs to be fitted:

- ◆ Safely dispose of the old plug.
- ◆ Connect the brown lead to the live terminal of the new plug.
- ◆ Connect the blue lead to the neutral terminal.
- ◆ If the product is class I (earthed), connect the green / yellow lead to the earth terminal.

Warning! If your product is class II double insulated (only 2 wires in the cord set), no connection is to be made to the earth

terminal.

Follow the fitting instructions supplied with good quality plugs. Any replacement fuse must be of the same rating as the original fuse supplied with the product.

Protecting the environment



Separate collection. Products and batteries marked with this symbol must not be disposed of with normal household waste.

Products and batteries contain materials that can be recovered or recycled reducing the demand for raw materials. Please recycle electrical products and batteries according to local provisions. Further information is available at www.2helpU.com.

Technical data

		MZ2020P
Rated voltage	V _{AC}	230 ~ 50Hz
Rated Input Power(Microwave)	W	1050
Rated Output Power(Microwave)	W	700
Oven Capacity	L	20
Turntable Diameter	mm	Ø255
External Dimensions	mm	440 x 336 x 259
Net Weight	Kg	Approx.10.35

Guarantee

Black & Decker is confident of the quality of its products and offers consumers a 24 month guarantee from the date of purchase. This guarantee is in addition to and in no way prejudices your statutory rights. The guarantee is valid within the territories of the Member States of the European Union and the European Free Trade Area.

To claim on the guarantee, the claim must be in accordance with Black&Decker Terms and Conditions and you will need to submit proof of purchase to the seller or an authorised repair agent. Terms and conditions of the Black&Decker 2 year guarantee and the location of your nearest authorised repair agent can be obtained on the Internet at www.2helpU.com, or by contacting your local Black & Decker office at the address indicated in this manual.

Please visit our website www.blackanddecker.co.uk to register your new Black & Decker product and receive updates on new products and special offers.

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