



34L 1800W
Manual Microwave
Instruction manual



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Model • Modèle • Modell • Modello • Modelo • Malli:
FB863 / FE141-E

Safety Instructions

To reduce the risk of fire, electric shock, injury to persons or exposure to excessive microwave oven energy when using your appliance, follow basic precautions, including the following:



PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO 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.

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

- Position on a flat, stable surface.
- A service agent/qualified technician should carry out installation and any repairs if required. Do not remove any components on this product.
- Consult Local and National Standards to comply with the following:
 - Health and Safety at Work Legislation
 - BS EN Codes of Practice
 - Fire Precautions
 - IEE Wiring Regulations
 - Building Regulations
- **Warning:** Liquids and other foods must not be heated in sealed containers since they are liable to explode.

- **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.
- Only use utensils suitable for use in microwave ovens.
- The oven should be cleaned regularly and any food deposits should be removed.
- When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition.
- If smoke is observed, switch off or unplug the appliance and keep the door closed in order to stifle any flames.
- 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.
- Eggs in the shell and whole hard-boiled eggs should not be heated in microwave ovens since they may explode, even after microwave heating has ended.
- Use this appliance only for its intended uses as described in manual. Do not use corrosive chemicals or vapours in this appliance. This oven is especially designed to heat. It is not designed for industrial or laboratory use.
- Do not store or use this appliance outdoors.
- Do not use this oven near water, in a wet basement or near a swimming pool.
- The temperature of accessible surfaces may be high when the appliance is operating. The surfaces are liable to get hot during use. Keep cord away from heated surface, and do not cover any vents on the oven.

- Do not let cord hang over edge of table or counter.
- 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.
- **Warning:** The contents of feeding bottles baby food jars shall be stirred or shaken and the temperature checked before consumption, in order to avoid burns.
- **Warning:** Microwave heating of beverages result in delayed eruptive boiling, therefore care must be taken when handling the container.
- Liquids such as water, coffee and tea can overheat beyond boiling point without appearing to be boiling.
- Always switch off and disconnect the power supply to the unit before cleaning or carrying out maintenance.
- Keep all packaging away from children. Dispose of the packaging in accordance to the regulations of local authorities.
- If the power cord is damaged, it must be replaced by a BUFFALO agent or a recommended qualified technician in order to avoid a hazard.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience or knowledge, unless they have been given supervision or instruction concerning the 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 operate the oven when empty.
- The microwave oven shall not be placed in a cabinet unless it has been tested in a cabinet.
- The appliance is not intended to be operated by means of an external timer or separate remote-control system.
- Do not use jet/pressure washers to clean the appliance.

- Buffalo recommends that this appliance should be periodically tested (at least annually) by a Competent Person. Testing should include, but not be limited to: Visual Inspection, Polarity Test, Earth Continuity, Insulation Continuity and Functional Testing.
- Buffalo recommend that this product is connected to a circuit protected by an appropriate RCD (Residual Current Device).

Introduction

Please take a few moments to carefully read through this manual. Correct maintenance and operation of this machine will provide the best possible performance from your BUFFALO product.

Pack Contents

The following is included:

- Microwave Oven
- Instruction manual

BUFFALO prides itself on quality and service, ensuring that at the time of packaging the contents are supplied fully functional and free of damage.

Should you find any damage as a result of transit, please contact your BUFFALO dealer immediately.

Installation

1. Remove all packaging materials. Make sure that all protective plastic film and coatings are thoroughly removed from all surfaces.



Warning: Check for any of the following damage that may have occurred:

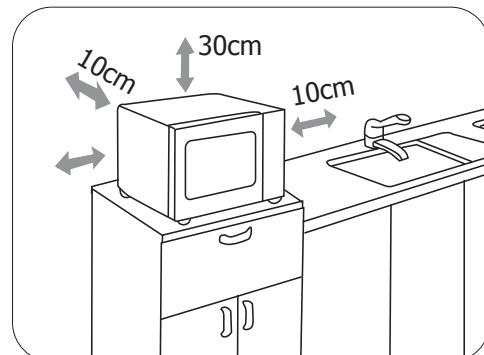
- Misaligned or bent door, damaged door seals/sealing surface, broken/loose door hinges, dents in the oven interior.
- DO NOT operate the oven if any damage is found. Call a BUFFALO agent or qualified Technician.

2. Position the oven on a flat, stable and heat-resistant surface. For sufficient ventilation, allow a minimum of 30cm of space above the oven, 10cm at the back and right side. The left side must be open.



Note: Do not cover or block any openings on the appliance, or remove the feet.

3. Place the oven as far away from radios and TV as possible as operation of the appliance may cause interference to your radio or TV reception.

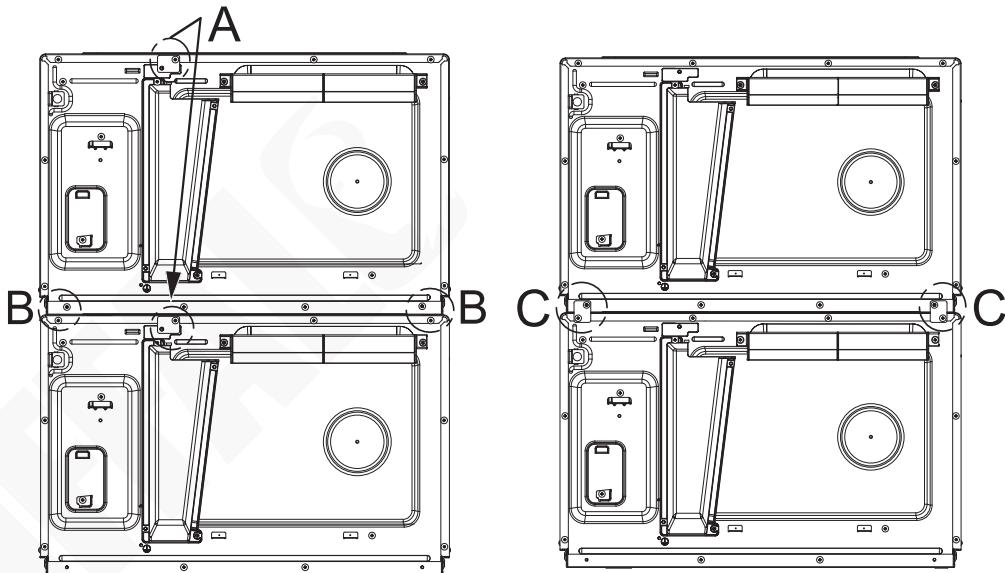


Stacking the appliance



Note: To save space, a maximum of 2 appliances can be stacked together. For details, please follow below instructions.

1. Loosen the screws that fix the mounting plates. Then remove the mounting plates and re-tighten the screws in place (Step A).
2. Remove the 4 screws as shown in Step B.
3. Locate the mounting plates to the joined parts of the 2 ovens, then fix with the screws just removed (Step C).



Utensils

See the instructions in this chapter for utensils to use/avoid with microwaving.

If in doubt, please check the manufacturer's instructions if your utensil is microwave safe or not.

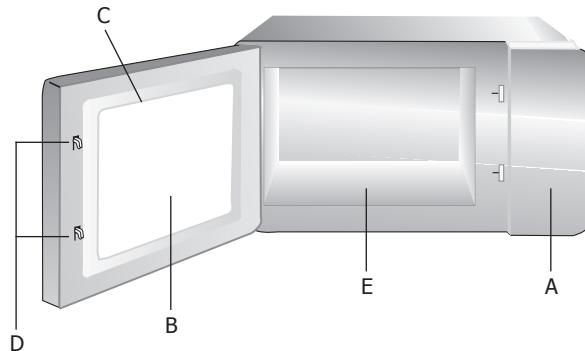
Materials you can use in microwave oven

Utensils (Not included)	Remarks
Browning dish	Follow manufacturer's instructions. The bottom of browning dish must be placed smoothly on the ceramic board. Incorrect usage may the ceramic board 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 a 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 by package.
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 (meat and candy thermometers)
Wax Paper	Use as a cover to prevent splattering and to help retain moisture

Materials to be avoided in microwave oven

Utensils (Not included)	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 liquid inside when exposed to high temperature
Wood	Wood will dry out when used in the microwave oven and may split or crack

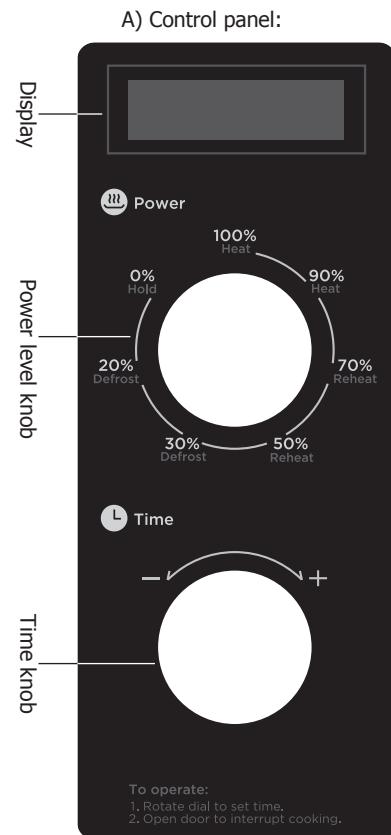
Knowing your appliance



A) Control panel
 B) Observation window
 C) Door assembly
 D) Safety interlock system
 E) Ceramic board

Note:

1. DO NOT press the ceramic board forcibly.
2. Take and put the utensils gently to avoid damage to the ceramic board.
3. After use, DO NOT touch the ceramic board with hand to avoid high temperature scalding.



Operation



Note: Before first time use, wipe clean the interior surfaces and let dry well.

Idle mode

1. Connect the appliance to the mains power supply. The display will show "_____".
2. When the display becomes blank, the appliance will enter Idle mode.
3. During idle mode, no knob can be turned.

Ready mode

1. While in idle mode, open and then close the door to enter Ready mode.
2. In Ready mode, "READY" is shown.

Start Cooking

1. While in Ready mode, turn the power level knob to desired power level.

Power	100%	90%	70%	50%	30%	20%	0%
Display	100	90	70	50	30	20	0

2. Select the cooking time using the time knob (Maximum time: 60 minutes). After about 2 seconds, the appliance will start automatically.
3. When cooking time elapses, the appliance will beep and "DONE" will be shown.
4. Soon the display will change to show "READY", indicating the oven is in Ready mode again.
5. The fan will continue to run for 1 minute to cool the appliance, then stop automatically. The oven is now in "Idle mode" again.



Note: During cooking, the power level and cooking time can be adjusted at any time.



Note: During cooking, if the door is opened, the display will become blank and cooking will be cancelled.

Cleaning, Care & Maintenance



- Switch off and disconnect from the power supply before cleaning.
- Always keep the oven clean!
- Clean the door frame, seal and neighbouring parts carefully with a damp cloth when dirty.

Cleaning the door and oven front face

- For best performance and to maintain the high degree of safety, the inner door panel and oven front face should be free of food or grease build-up.
- Wipe these parts with a mild detergent, rinse and wipe dry. Never use abrasive powders or pads.

Cleaning the control panel and plastic parts

- Do not apply a detergent or an alkaline liquid spray to the control panel and plastic parts, as this may cause damage to these parts.
- Use a dry cloth (not a soaked cloth) to clean these parts.
- Do not allow the control panel to become wet.

Cleaning the oven interior

- After use be sure to remove spilled liquids, spattered oil and food debris as quickly as possible.
- If the oven is used when dirty, efficiency will drop and the dirt will get stuck on the oven surface. This may cause bad odours. Clean the interior with a cloth soaked in luke-warm water with a mild detergent dissolved in it, then rinse the soap off with a damp cloth.

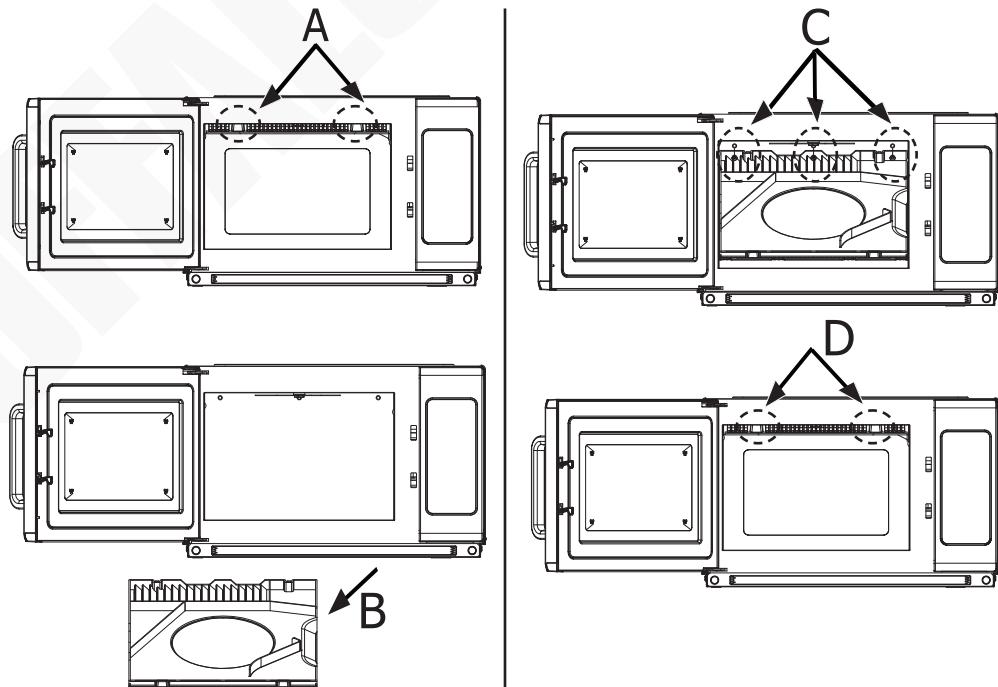


Remove any odours in the oven interior by microwaving a cup of water with the juice of 1 lemon for 5 minutes. Wipe the oven clean with a soft dry cloth.

Cleaning the oil baffle

The oven is featured with a removable oil baffle for easy and thorough cleaning. The baffle is located underneath the interior ceiling of the oven.

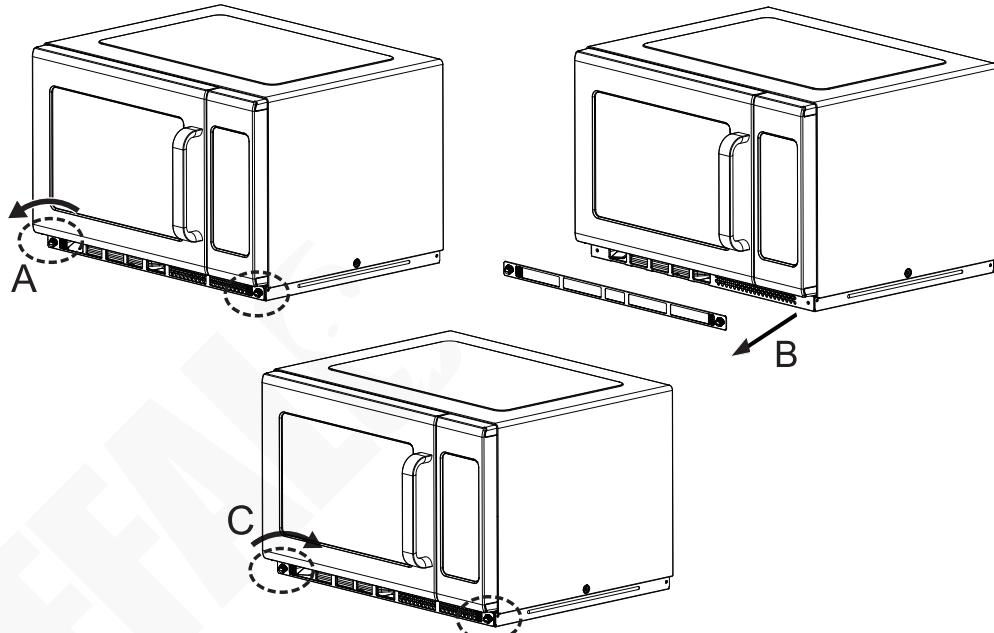
- To remove the baffle, press and hold the 2 dents on the baffle front (Step A). Meanwhile push the whole baffle backward to release. Afterward, remove the baffle from the oven (Step B).
- Clean the baffle with a mild detergent, rinse and wipe dry.
- To install the baffle, hold the baffle and insert the 3 pins on the rear into the holes on the oven back wall (Step C).
- Press the right dent backward until the right part of the baffle gets buckled. Repeat same operation to buckle the left part into position (Step D).



Cleaning the filter

The oven is featured with a removable filter for easy and thorough cleaning.

- Loosen the fixing nails (Step A), then remove the filter (Step B).
- Clean the filter with a soft brush.
- Locate the filter in place and fix with the nails (Step C).



Troubleshooting

A qualified technician must carry out repairs if required.

Fault	Probable Cause	Solution
The unit is not working	The unit is not switched on	Check the unit is plugged in correctly and switched on
	Plug or lead is damaged	Replace Plug or lead
	Fuse in the plug has blown	Replace the fuse
	Mains power supply fault	Check mains power supply
	Door is not closed properly	Close door securely
Arcing/Sparking	Metallic or other inappropriate materials are being used in food preparation	Remove metal objects. Use microwave-safe utensils only
	Spilled food remains inside the oven	Clean the interior of the oven
	The oven is operated when empty	Do not operate the oven when empty. It is very dangerous
Microwave oven interfering with TV reception	Radio and TV reception is interfered when then appliance is operating	It is normal
Steam accumulating on door and hot air out of vents	In cooking, steam may come out of food. Most will get out of vents but some may accumulate on cool places like the oven door	It is normal
Dim oven light	In low power microwave cooking, oven light may become dim	It is normal

Technical Specifications

Note: Due to our continuing program of research and development, the specifications herein may be subject to change without notice.

Model	Voltage	Power	Microwave Output	Oven Capacity	Operation Frequency	Dimensions h x w x d (mm)	Weight (kg)
FB863	230-240V~ 50Hz	3000W	1800W	34L	2450MHz	368 x 574 x 528	33.3
FE141-E	230~ 50Hz						

Electrical Wiring

This appliance is supplied with a 3 pin BS1363 plug and lead.

The plug is to be connected to a suitable mains socket.

This appliance is wired as follows:

- Live wire (coloured brown) to terminal marked L
- Neutral wire (coloured blue) to terminal marked N
- Earth wire (coloured green/yellow) to terminal marked E

This appliance must be earthed.



If in doubt consult a qualified electrician.

Electrical isolation points must be kept clear of any obstructions. In the event of any emergency disconnection being required they must be readily accessible.

Compliance

The WEEE logo on this product or its documentation indicates that the product must not be disposed of as household waste. To help prevent possible harm to human health and/or the environment, the product must be disposed of in an approved and environmentally safe recycling process. For further information on how to dispose of this product correctly, contact the product supplier, or the local authority responsible for waste disposal in your area.



BUFFALO parts have undergone strict product testing in order to comply with regulatory standards and specifications set by international, independent, and federal authorities.



BUFFALO products have been approved to carry the following symbol:

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Every effort is made to ensure all details are correct at the time of going to press, however, BUFFALO reserves the right to change specifications without notice.