

BUILT-IN MICROWAVE OVEN

Model: EFBM 2891 M



Embracing Finest moments

USER MANUAL



Read this manual thoroughly before using it and save it for future reference

Dear Customer,

Thank you for having purchased and given your preference for our product. This manual provides a means to make full use of the features of this product. The safety precautions and recommendations are also featured in this manual. We recommend that you read this manual for best performance and to extend the life of your appliance. Please preserve this manual for future use, if doubts arise relating to the operation.

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.
- **WARNING:** If the door or door seals are damaged, the oven must not be operated until it has been repaired by trained personnel.

ADDENDUM

If the machine is not maintained in a good state of cleanliness, its surface could be degraded and affect the lifespan of the machine and lead to a dangerous situation.

IMPORTANT SAFETY INSTRUCTIONS

WARNING

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:

- Read and follow the specific: "PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY".
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- Keep the appliance and its cord out of reach of children less than 8 years.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- **WARNING:** Ensure that the appliance is switched off before replacing the lamp to avoid the possibility of electric shock.
- **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.
- **WARNING:** Liquids and foods must not be heated in sealed containers since they are liable to explode.
- When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition.
- Only use utensils that are suitable for use in microwave ovens.
- If smoke is emitted, switch off or unplug the appliance and keep the door closed in order to stifle any flames.
- 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.
- Details for cleaning door seals, cavities and adjacent parts.

- 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.
- Only use the temperature probe recommended for this oven. (for ovens provided with a facility to use a temperature-sensing probe.)
- The microwave oven must be operated with the decorative door open. (for ovens with a decorative door.)
- This appliance is intended to be used in household and similar applications such as:
 - staff kitchen areas in shops, offices and other working environments;
 - by clients in hotels, motels and other residential type environments;
 - farm houses;
 - bed and breakfast type environments.
- 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.
- Metallic containers for food and beverages are not allowed during microwave cooking.
- The appliance shall not be cleaned with a steam cleaner.
- The appliance must not be installed behind a decorative door in order to avoid overheating. (This is not applicable for appliances with decorative door.)
- The microwave oven is intended to be used built-in.
- The appliance must not be placed in a cabinet.
- Care should be taken not to displace the turntable when removing containers from the appliance. (For fixed appliances and built-in appliances being used equal or higher than 900mm above the floor and having detachable turntables. But this is not applicable for appliances with horizontal bottom hinged door.)
- Surface of a storage drawer can get hot.
- 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.
- **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.
- During and after use the appliance becomes hot. Care should be taken to avoid touching heating elements inside the oven.
- **WARNING:** Accessible parts may become hot during and after use. Young children should be kept away.
- **WARNING:** When the appliance is operated in the combination mode, children should only use the oven under adult supervision due to the temperatures generated.

READ CAREFULLY AND KEEP FOR FUTURE REFERENCE

PRECAUTIONS TO REDUCE RISK OF INJURY TO PERSON DURING INSTALLATION

DANGER

Electric Shock Hazard

Touching some of the internal components can cause serious personal injury or death.

Do not disassemble this appliance.

WARNING

Electric Shock Hazard

Improper use of the grounding can result in electric shock.

Do not plug into an outlet until appliance is properly installed and grounded.

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 serviceman if the grounding instructions are not completely understood or if doubt exists as to whether the appliance is properly grounded.

If it is necessary to use an extension cord, use only a 3-wire extension cord.

- A short power-supply cord is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord.
- If a long cord set or extension cord is used:
- The marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance.
- The extension cord must be a grounding-type 3-wire cord.
- The long cord should be arranged so that it will not drape over the countertop or tabletop where it can be pulled on by children or tripped over unintentionally.

CLEANING

Be sure to unplug the appliance from the power supply.

- Clean the cavity of the oven after using it with a slightly damp cloth.
- Clean the accessories in the usual way in soapy water.
- The door frame, seal, and inner cavity must be cleaned carefully with a damp cloth when 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 the shattering of the glass.
- Cleaning For easier cleaning of the cavity walls that the food cooked can touch: 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.

UTENSILS

CAUTION

Personal Injury Hazard

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 that gives protection against exposure to microwave energy. See the instructions on "Materials you can use in microwave oven or to be avoided in microwave oven." There may be certain non-metallic utensils that are not safe to use for microwaving. -If in doubt, you can test the utensil in question following the procedure below.

Utensil Test:

- Fill a microwave-safe container with 1 cup of cold water (250ml) along with the utensil in question.
- Cook on maximum power for 1 minute.
- Carefully feel the utensil. If the empty utensil is warm, do not use it for microwave cooking.
- Do not exceed 1 minute cooking time.

Suitable Utensil for Microwave Oven

To cook or defrost or heat up food in the microwave oven, the microwave energy must be able to pass through the cooking utensils to reach the food.

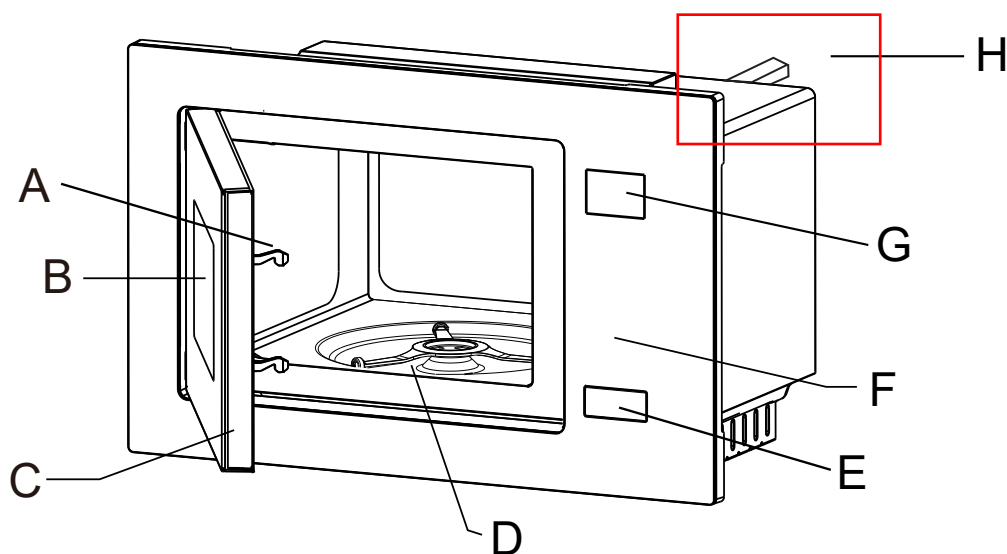
Below is the general guide for selecting a suitable utensil:

Utensil	Microwave	Grill	Combination
Glassware	Heat-resistant glass only	Heat-resistant glass only	Heat-resistant glass only
Ceramic ware	Heat-resistant glass only	Heat-resistant glass only	Heat-resistant glass only
Plastic	Microwave-safe only	No	No
Kitchen Paper	Yes	No	No
Metal Tray/Rack	No	Yes	No
Aluminium Foil	No	Yes	No

PRODUCT SPECIFICATION

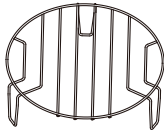
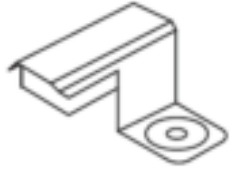
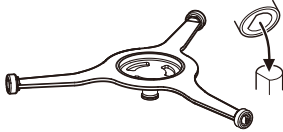
Model:	EFBM 2891 M
Rated Voltage:	230 V ~ 50Hz
Rated Input Power (Microwave):	1450 W
Rated Output Power (Microwave):	900 W
Rated Input Power (Grill):	1000 W
Oven Capacity:	28L
Turntable Diameter:	288mm
External Dimensions:	(W)594mm x (D)369.2mm x (H)382mm
Net Weight:	15.3kg

PRODUCT DESCRIPTION



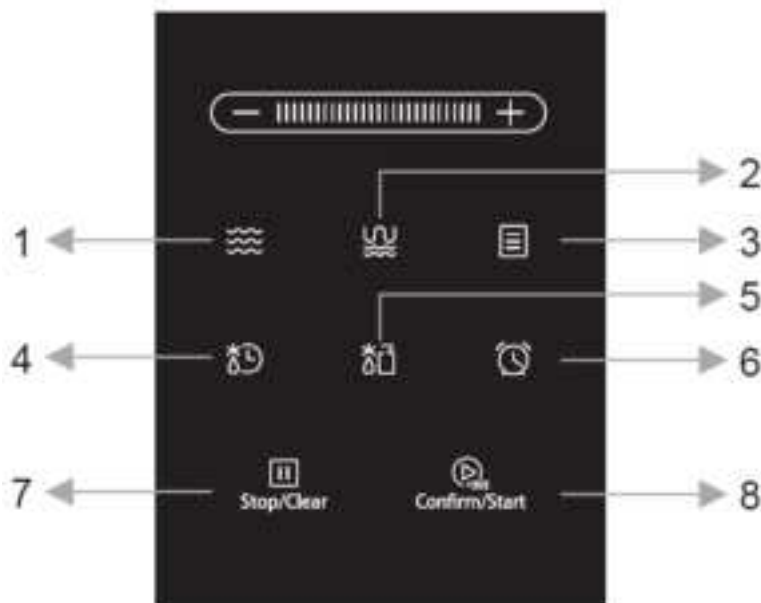
- | | |
|----------------------------|-----------------------|
| A) Safety interlock system | B) Observation window |
| C) Door assembly | D) Turntable shaft |
| E) Door opening button | F) Control panel |
| G) Display Screen | H) Spacer |

CONTENT

User manual	Grill Rack	Screw x3	Mounting Plate
			
Screw Cover	Turntable Shaft	Glass Tray	
			

Note: Grill Rack should only be used in grill function and be placed on the glass tray.

CONTROL PANEL



- 1) Microwave
- 2) Grill/Combi
- 3) Auto Menu
- 4) Time Defrost
- 5) Weight Defrost
- 6) Kitchen Timer/Clock
- 7) Stop/Clear
- 8) Confirm/Start

OPERATION OF THE OVEN

FIRST USE

- Ensure that all the packaging material is removed from the oven before use.
- Clean the oven cavity and the supplied accessories thoroughly.
- **Warning:** Do not operate the oven if any of the issues below occur:
 - The door seals are damaged.
 - The door hinges are loose or broken.
 - The door is warped.
 - Holes or cracks are found in the oven.

Note: When first using the grill function, it may produce a slight burning smell. The smell will dissipate after a while. This is normal and will not impose any risk. Please operate the grill without any food for at least 20 minutes when used for the first time.

Setting the Clock

1. Press “” twice and then “0:00” will display.
2. Move the slider or press “+” or “-” to set the hour figures. The time should be within 0-23.
3. Press “” to confirm.
4. Move the slider or press “+” or “-” to set the minute figures. The time should be within 0-59.
5. Press “” to confirm.

Note: In the process of clock setting, if the “” button is not pressed or if there is no operation within 1 minute, the oven will return to the former setting.

Kitchen Timer

1. Press “” once and then “00:00” will display.
2. Move the slider or press “+” or “-” to set the time. The time should be within 0:05~95:00
3. Press “” to confirm.

Microwave

Power Level	100%	80%	50%	30%	10%
Display	P100	P80	P50	P30	P10

1. In standby mode, Press “” and then “P100” will display.
2. Press “” repeatedly or move the slider or press “+” or “-” to adjust the power level, 5 power levels are available.
3. Press “” to confirm the power level.
4. Move the slider or press “+” or “-” to set the cooking time.
5. Press “” to start cooking.

Grill

1. Press “” once and then “G” will display.
2. Press “” to confirm.
3. Move the slider or press “+” or “-” to set the cook time.
4. Press “” to start cooking.

Combination

1. Press “” repeatedly to choose the mode you want, and “G”, “C-1”, and “C-2” will display in order.
2. Press “” to confirm the mode.
3. Move the slider or press “+” or “-” to set the cook time.
4. Press “” to start cooking.

POWER CHART FOR COMBINATION

C-1	Micro 55%	Grill 45%
C-2	Micro 36%	Grill 64%

Defrost by Weight

1. Press “” and then the screen will display “dEF1”.
2. Move the slider or press “+” or “-” to set the weight. it should be within 100g~2000g
3. Press “” to start defrosting.

Defrost by Time

1. Press “” once and then the screen will display “dEF2”.
2. Move the slider or press “+” or “-” to set the time.
3. Press “” to start defrosting.

Note:

- The default power is P30, it cannot be changed,
- When the buzzer sounds, turn the food over. If no operation, the oven will continue working.

Speed cooking

1. In standby mode, press “” to cook food with 100% power level for 30 seconds directly.
2. In standby mode, move the slider left or press “-” to set the cook to the P100 power level within 95 minutes.

Note: Each press on the same key can increase 30 seconds during speed cooking and the maximum time value is 95 minutes. Speedy cooking cannot be set in defrost by weight and auto menu.

Multi-Stage Cooking

1. Press “” once, and the oven will display “dEF1”.
2. Move the slider or press “+” or “-” to set the weight.
3. Press “” and then “P100” will display.
4. Press “” to confirm the power level.
5. Move the slider or press “+” or “-” to set the time.
6. Press “” to start cooking.

Note:

- The maximum section that can be set for cooking is 2 sections. In multi-section cooking, if one section is defrosting, then defrosting shall be placed in the first section.
- Kitchen Timer and Auto Menu cannot be in multi-section cooking.
- Each one more press on “” can increase the time by 30 seconds (except weight defrost).

Lock Function for Children

You can use this function to prevent children from accidentally turning the oven on.

To activate the lock:

In standby mode, press and hold “  ” for three seconds. A long beep sounds and the locked icon will display.

To deactivate the lock:

In a locked state, press and hold “  ” for three seconds. A long beep sounds.

Inquire function

If the clock has been set, the current time will display for three seconds by pressing “  ” in the cooking state.

Auto Menu

1. In standby mode, press “  ”, the screen will display “A1”.
2. Press “  ” repeatedly or move the slider or press “ + ” or “ - ” to choose the menu you need 8
3. auto menus are available. Press “Confirm/Start” to confirm.
4. Move the slider or press “ + ” or “ - ” to set the weight.
5. Press “  ” to start cooking.

Auto menu Chart:

Menu	Weight(g)	Display	Power
A1 Frozen pizza	200g	200g	C-2 (34%microwave +66%Grill)
	400g	400g	
A2 Meat	250g	250g	P80
	350g	350g	
	450g	450g	
A3 Fish	250g	250g	P80
	350g	350g	
	450g	450g	
A4 Vegetable	200g	200g	P100
	300g	300g	
	400g	400g	
A5 Potatoes without skin	400g	400g	P100
	800g	800g	
A6 Potatoes with skin	2 (460g)	2	P100
	4 (920g)	4	
A7 Fresh Spinach	200g	200g	P100
	400g	400g	
A8 Frozen Green beans	200g	200g	P100
	400g	400g	

Menu	Weight(g)	Display	Power
A9 Frozen Peas	200g	200g	P100
	400g	400g	
A10 Frozen mix Vehetable	200g	200g	P100
	400g	400g	
A11 Frozen Broccoli	200g	200g	P100
	400g	400g	
A12 Pasta	50g (with cold water 450g)	50g	P80
	100g (with cold water 800g)	100g	
A13 Frozen Lasagna	300g	300g	C-1 (55%microwave +45%Grill)
	600g	600g	
A14 Quinoa	100g	100g	P100/P50
	200g	200g	
A15 Couscous	200g	200g	P100/P50
	300g	300g	
A16 Macaroni	100g	100g	P80
	200g	200g	
A17 Brown Rice	200g	200g	P100/P50
	300g	300g	
A18 Oatmeal	2 Serving	57g	P100/P50
	4 Serving	114g	
A19 Popcorn	100g	100g	P100
A20 Beverage	1cup(120ml)	1	P100
	2cups(240ml)	2	
	3cups(360ml)	3	
A21 Melt Butter	1 stich	230g	P100
	2 stich	460g	

CARE AND MAINTENANCE

It is recommended to clean the oven regularly and to remove any food deposits inside or outside the oven.

Warning:

Disconnect the power supply before carrying out any cleaning and maintenance.

Ensure that the oven has cooled down to a safe temperature before carrying out any cleaning

- The oven interior can be cleaned using a damp cloth. A mild detergent can be used.
- Do not use abrasive cleaning products as they may stain or deteriorate the oven interior or door surface
- Do not use steam cleaners.
- To remove stubborn deposits or to remove the smell, boil a cup of water with some lemon juice or vinegar for 3-5 minutes, then clean the cavity wall with a damp cloth.
- The door should be kept clean at all times and ensure that there is no damage sign.
- Avoid water or small particles penetrating the small vent holes in the cavity.
- Keep the control panel dry. Wipe dry with a soft and damp cloth. Avoid using excessive water.
- The turntable shaft and glass tray can be removed for cleaning. Wash with soapy water and dry thoroughly before putting them back in the oven.
- Always keep the turntable shaft clean so that the turntable can turn smoothly.
- Wash and dry the grill rack after each use. Wash with soapy water and soak with hot soapy water to remove stubborn grease.

INSTALLATION

IMPORTANT:

- This appliance is only intended for domestic use.
- This oven is intended for built-in use only. It is not intended for countertop use or for use inside a cupboard.
- The oven must be installed in compliance with regulations in force in your country and in observation of the manufacturer's instructions.
- Operation of the oven may cause interference to your radio, TV, and similar equipment. Place the oven far from this equipment.
- The oven can be installed in a 60cm wide wall-mounted cupboard, and the cabinet must be made of heat-resistant material.
- The oven is fitted with a plug and must only be connected to a properly installed earthed socket
- The mains voltage must correspond to the voltage specified on the rating plate.
- The socket must be installed, and the connecting cable must only be replaced by a qualified electrician.
- The power supply and socket must be easily accessible after installation. If the plug is no longer accessible following the installation, an all-pole disconnecting device must be present on the installation side with a contact gap of at least 3mm.
- Adapters, multi-way strips, and extension leads must not be used. Overloading can result in a risk of fire.
- This oven shall only be serviced by authorized personnel.
- Incorrect installation, for which the manufacturer or distributor accepts no responsibility, may cause personal injury or damage.
- Incorrect installation, for which the manufacturer or distributor accepts no responsibility, may cause personal injury or damage.

Before Installation

Remove all packing materials and accessories supplied

Check that the oven is free from damage (e.g. deformed seal or door, broken door hinge)

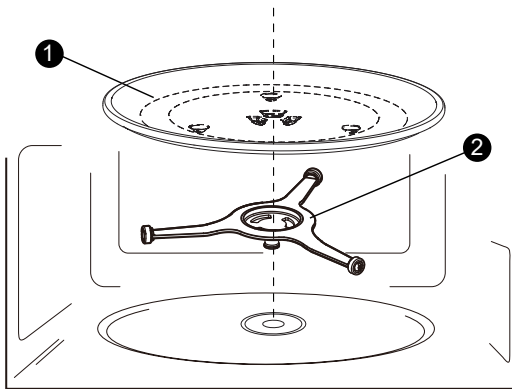
If there is any damage, do not install the oven and contact the authorized service centre immediately.

Electrical Connection

The appliance is fitted with a power cable + 13Amp plug and must only be connected to a properly installed earthed socket. Only a qualified electrician who takes the appropriate regulations into account may install the socket or replace the connecting cable. If the plug is no longer accessible after installation, an all-pole isolating switch must be present on the installation side with a contact gap of at least 3mm. Contact protection must be ensured by the installation.

Note: Electrical safety must be provided by a correct built-in. During installation and maintenance, the oven must be unplugged from the electrical grid.

TURNTABLE INSTALLATION



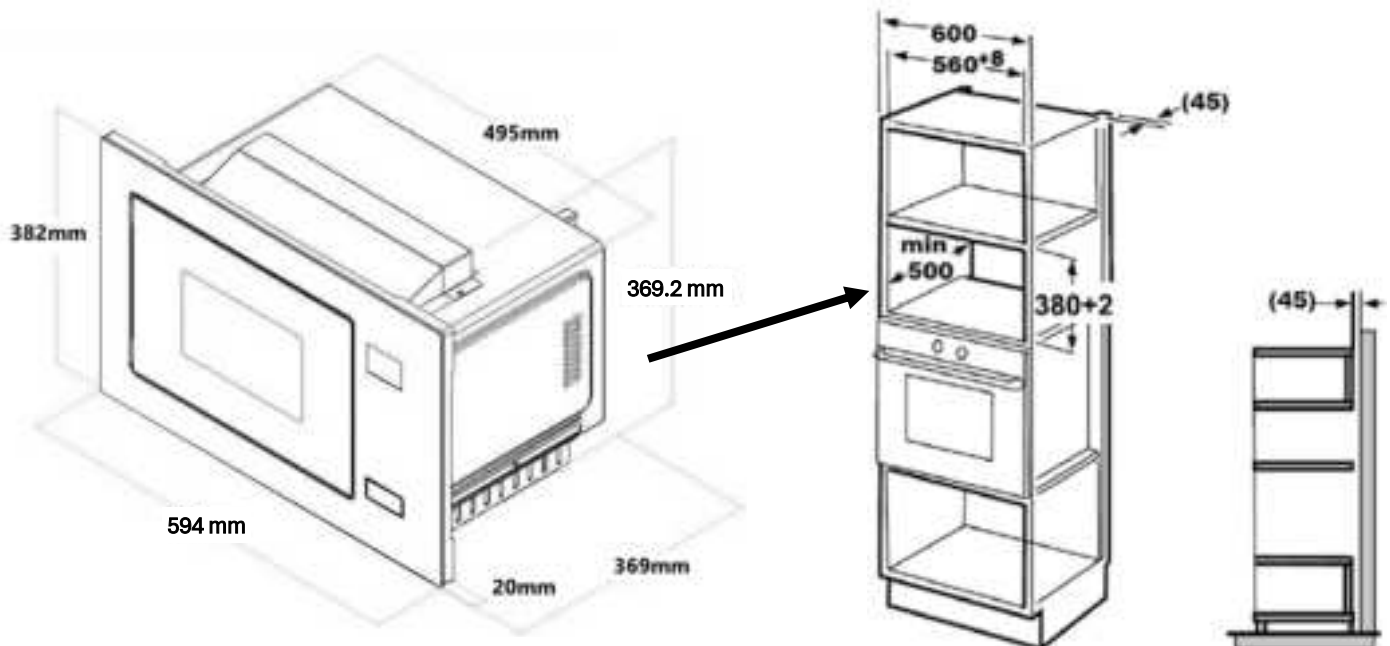
- 1) Glass Tray
- 2) Turntable Ring Assembly

Place the turntable ring at bottom of the cavity and place the glass tray on it. **Ensure that the glass tray is well secured.**

- Never place the glass tray upside down.
- Do not turn the glass tray manually as this could damage the drive motor.
- 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 authorized service centre.

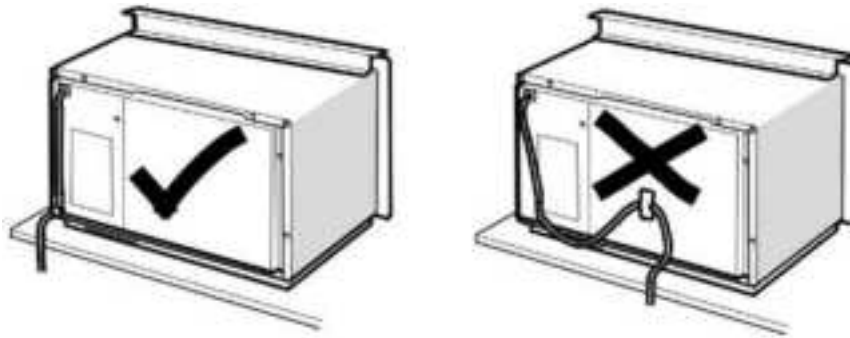
PREPARATION FOR CABINET

- Ensure that the air vents are not obstructed or blocked. If ventilation is blocked, the oven may overheat and cause the oven to malfunction.
- The installation cabinet must not have a back panel behind the appliance.
- Ventilation slots and intakes must not be covered.
- The cabinet column unit must have the following cut-out dimensions.



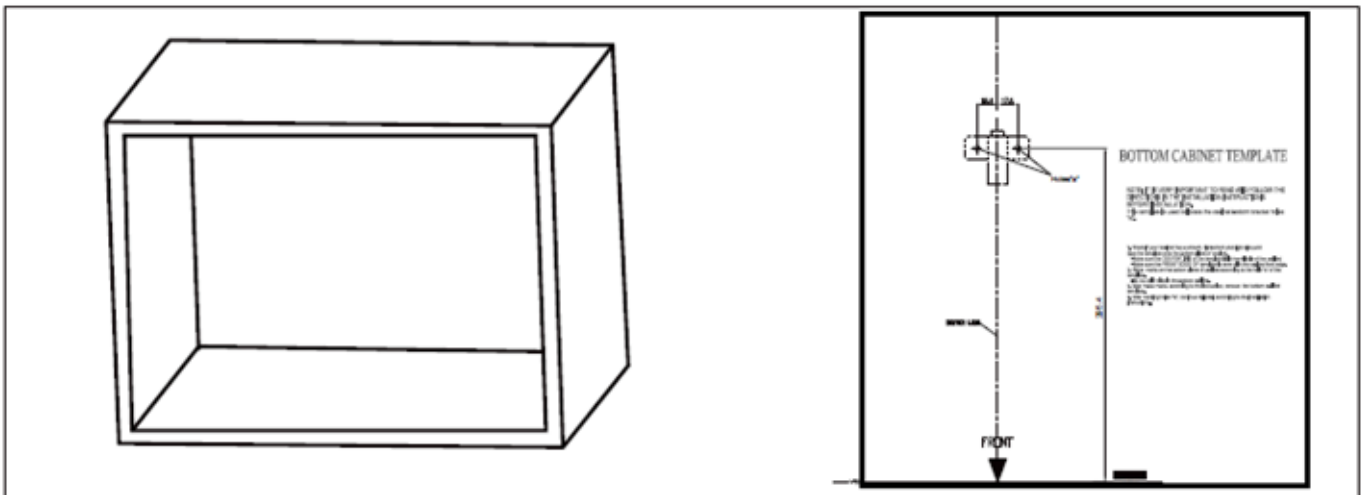
Note: To ensure adequate ventilation, a minimum gap of 45mm is required from the back of the oven to the cabinet wall.

- Do not crush the power supply cord.

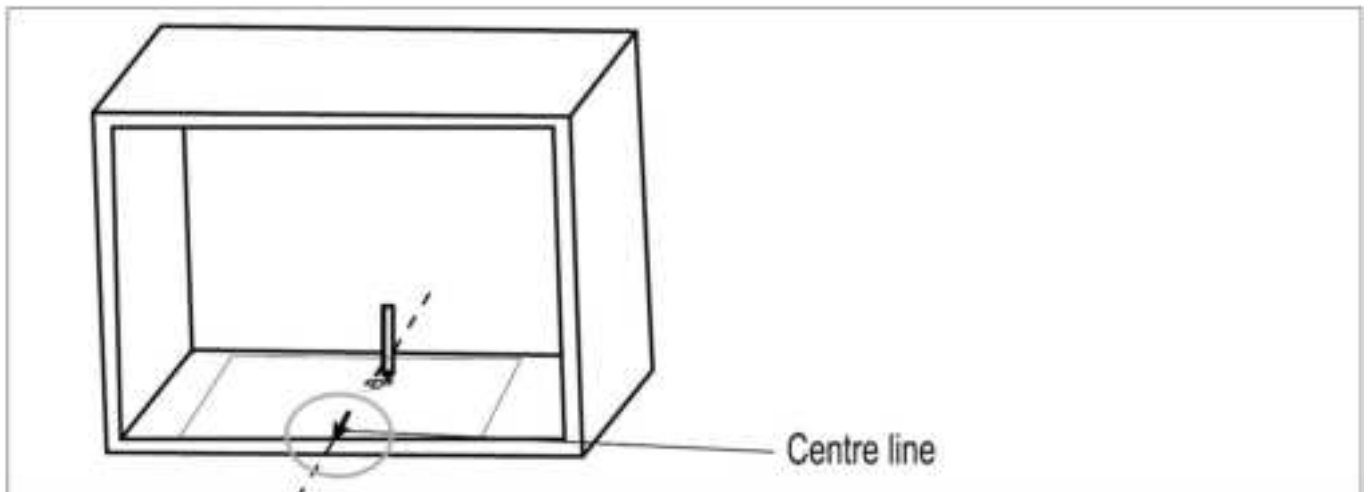


Installing the mounting plate

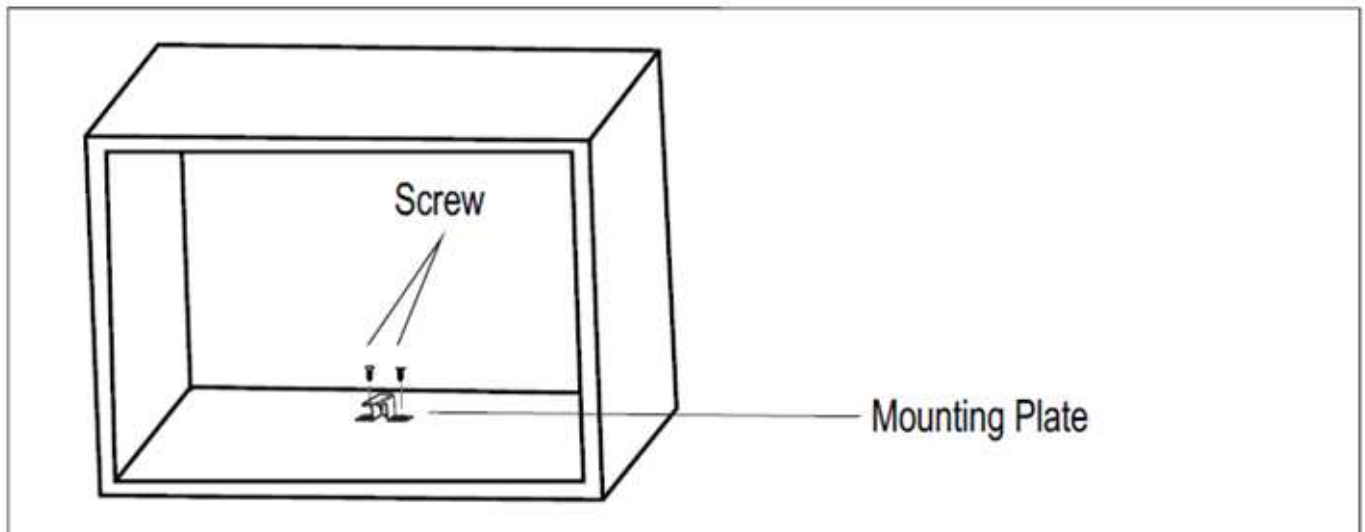
1. Use the template provided “BOTTOM CABINET TEMPLATE” and place the template on the bottom



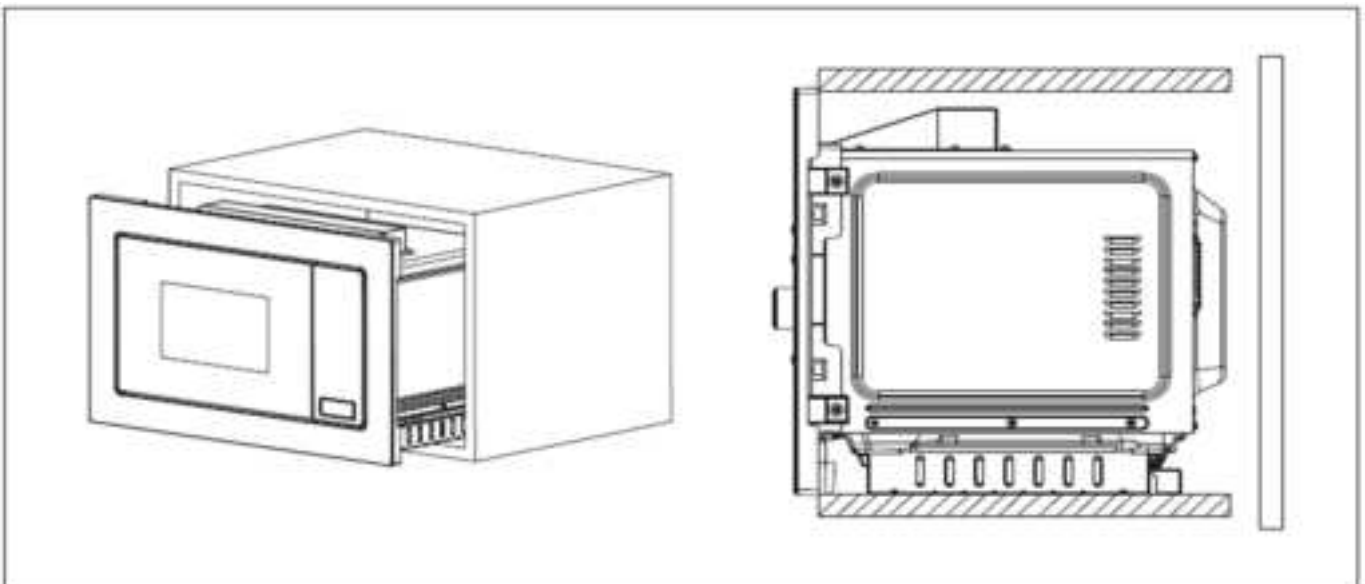
2. Using the template, center the dotted line and have the tip of the arrow touch the end of the cabinet like the picture below. Once done, use a screwdriver or pencil to create a dent at the bottom of the cabinet. This will be your mark to fix the screw on.



3. Once you made your mark, you can remove the template and fix on the mounting plate with the screw.



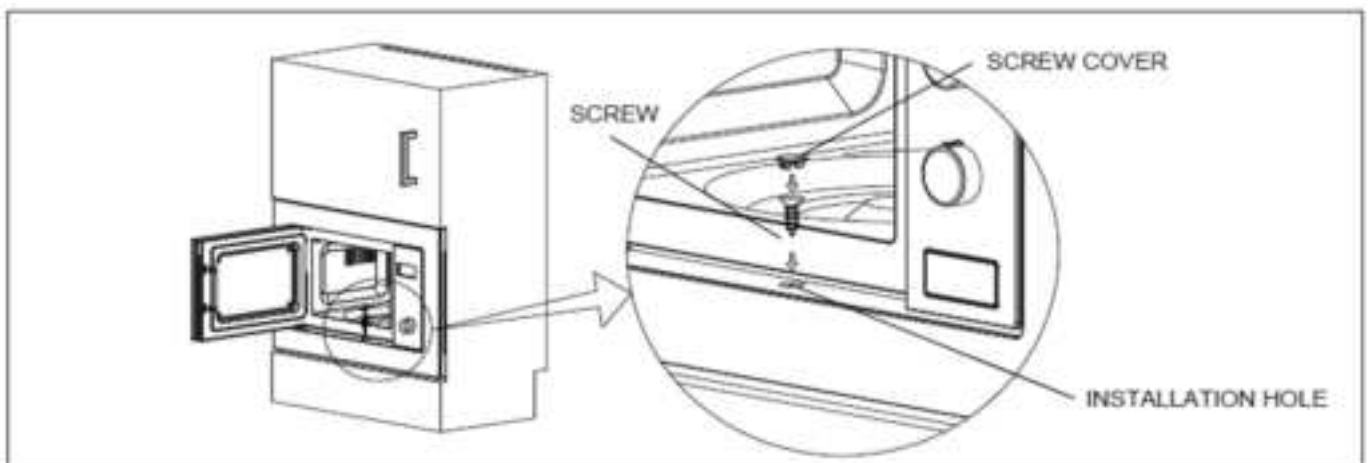
4. Install the oven into the cabinet.



Note:

- Make sure the back of the oven is locked by the mounting plate
- Make sure the power cord is not being trapped or crushed.

5. Open the door and fix the oven to the cabinet with the screw provided into the installation hole.



TROUBLESHOOTING

If there are minor faults or problems with the oven, please check the following points before calling for a service appointment.

Trouble	Possible Action
The oven does not work.	Check if the main power is switched on and the plug is properly fixed
	Check if the door is closed properly
	Check if the circuit breaker is in working order
	Check if the confirm/start button is pressed
Glassdoor shows condensation.	Steam and water droplets may form during cooking. This is not an issue and does not affect the safety of the oven. Wipe the condensation off.
The turntable does not rotate correctly.	Check that the shaft is correctly positioned.
	Clean the shaft and the contact area between the glass tray and turntable support.
Food is not properly cooked, heated, or defrosted.	Check if the power level is set correctly.
	Check if the program is interrupted or paused
The oven interferes with TV or Radio.	Radio and TV reception may be interfered with when the oven is in operation. It is similar to the interference of small electrical appliances like mixers and vacuum cleaners. This is not an issue.

If the problem persists despite observing the above checking, please contact the authorized customer service centre.

When consulting the customer service centre, please ensure that you have the model number, date of purchase, and repair issue ready.

ENVIRONMENT-FRIENDLY DISPOSAL



You can help protect the environment!

Please remember to respect the local regulations:

Hand in the non-working electrical equipment to an appropriate waste disposal centre.

WARRANTY & SERVICE

- To activate your warranty, please register your appliance.
- Warranty registration can be done via our website or scan the QR code below

Website

<https://shop.casa.sg/E-Warranty>

QR Code

Scan the QR Code below. It will redirect straight to our “Warranty Registration” page.



Casa (S) Pte Ltd. reserves the rights to the final interpretation of the content of this manual. Customer will not be notified in the event of any amendments to the content.

The manufacturer and agent decline all responsibilities in the event of damage caused by improper, incorrect or illogical use of the appliance.

Contact customer care center when in doubt of the condition of the appliance. Please get ready the model number of your appliance, date of purchase and the product issue when contacting customer care center.

For customer care / after sales service [Singapore], please contact

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