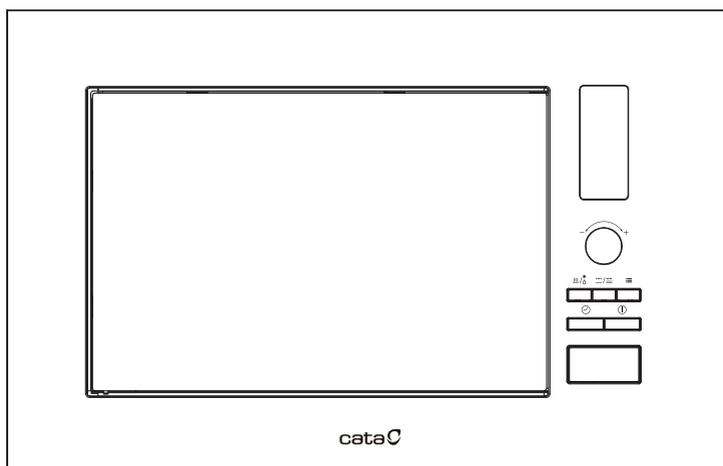




20 Litre Built-in Microwave Owner's Instruction Manual

MC 20 D X/A

Read the Instructions carefully and Keep for Future Reference



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 type of oven is specifically designed to heat, cook or dry food. It is not designed for industrial or laboratory use.
3. Do not operate the oven when empty.
4. Do not operate this appliance if it has a damaged cord or plug, if it is not working properly or if it has been damaged or dropped. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
5. Warning: when the appliance is operated in the combination mode, children should only use the oven under adult supervision due to the temperatures generated.
6. Warning: only allow children to use the oven without supervision when adequate instructions have been given so that the child is able to use the oven in a safe way and understands the hazards of improper use.

7. To reduce the risk of fire in the oven cavity:
 - a. When heating food in plastic or paper container, keep an eye on the oven due to the possibility of ignition.
 - b. Remove wire twist-ties from paper or plastic bags before placing bag in 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.
8. Warning: liquid or other food must not be heated in sealed containers since they are liable to explode.
9. Microwave heating of beverage can result in delayed eruptive boiling, therefore care has to be taken when handle the container.
10. Do not fry food in the oven. Hot oil can damage oven parts and utensils and even result in skin burns.
11. 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.
12. Pierce foods with heavy skins such as potato, whole squashes, apples and chestnuts before cooking.
13. The contents of feeding bottles and baby jars should be stirred or shaken and the temperature should be checked before serving in order to avoid burns.
14. Cooking utensils may become hot because of heat transferred from the heated food. Potholders may be

needed to handle the utensil.

15. Utensils should be checked to ensure that they are suitable for use in microwave oven.
16. Warning: it is hazardous for anyone other than a trained person to carry out any service or repair operation which involves the removal of any cover which gives protection against exposure to microwave energy.
17. This product with the class I equipment, the definition of class I which protection against electric shock does not rely on basic insulation only but which includes an additional safety precaution, in that conductive accessible parts are connected to the protective earthing conductor in the fixed wiring of the installation in such a way that conductive accessible parts cannot become live in the event of a failure of the basic insulation. For class b equipment is equipment suitable for use in domestic establishments. For domestic purpose.
18. 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.
19. Children should be supervised to ensure that they do not play with the appliance.
20. Warning: do not install oven over a range cooktop or other heat-producing appliance. If installed could be

- damaged and the warranty would be avoid .
- 21.The accessible surface may be hot during operation.
 - 22.The door or the outer surface may get hot when the appliance is operating.
 - 23.The temperature of accessible surfaces may be high when the appliance is operating.
 - 24.The appliance shall be placed against a wall.
 - 25.Warning: if the door or door seals are damaged, the oven must not be operated until it has been repaired by a competent person
 - 26.The instructions shall state that appliances are not intended to be operated by means of an external timer or separate remote-control system.
 - 27.The microwave oven is for household use only and not for commercial use.
 - 28.Never remove the distance holder in the back or on the sides, as it ensures a minimum distance from the wall for air circulation.
 - 29.Please secure the turn table before you move the appliance to avoid damages.
 - 30.Caution: it is dangerous to repair or maintain the appliance by no other than a specialist because under these circumstances the cover have to be removed which assures protection against microwave radiation. This applies to changing the power cord or the lighting as well. Send the appliance in these cases to our service central.

SPECIFICATIONS

Power consumption:	220-240V~50Hz, 1080W
Output:	700W
Grill Heater:	800W
Operating Frequency:	2,450MHz
Outside Dimensions:	595mm(W) X 390mm(H) X 313mm(D)
Oven Cavity Dimensions:	315mm(W) X 211mm(H) X 296mm(D)
Oven Capacity:	20litres
Uncrated Weight:	Approx. 12.5kg

BEFORE YOU CALL FOR SERVICE

1. If the oven will not perform at all, the display does not appear or the display disappears:
 - a) Check to ensure that the oven is plugged in securely. If it is not, remove the plug from the outlet, wait 10 seconds and plug it in again securely.
 - b) Check the premises for a blown circuit fuse or a tripped main circuit breaker. If these seem to be operating properly, test the outlet with another appliance.
2. If the microwave power does not function:
 - a) Check to see whether the timer is set.
 - b) Check to make sure that the door is securely closed to engage the safety interlocks. Otherwise, the microwave energy will not flow into the oven.

IF NONE OF THE ABOVE RECTIFIES THE SITUATION, THEN CONTACT THE AUTHORIZED SERVICE AGENT.

Note:

The appliance is for household use for heating food and beverages using electromagnetic energy and for indoor use only.

RADIO INTERFERENCE

Microwave oven may cause interference to your radio, TV, or similar equipment. When interference occurs, it may be eliminated or reduced by the following procedures.

- a. Clean the door and sealing surface of the oven.
- b. Place the radio, TV, etc. as far away from your microwave oven as possible.
- c. Use a properly installed antenna for your radio, TV, etc. to get a strong signal reception.

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INSTALLATION

1. Make sure all the packing materials are removed from the inside of the door.
2. Inspect the oven after unpacking for any visual damage such as:
 - Misaligned Door
 - Damaged Door
 - Dents or Holes in Door Window and Screen
 - Dents in CavityIf any of the above are visible, DO NOT use the oven.
3. This Microwave Oven weighs 12.5 kg and must be placed on a horizontal surface strong enough to support this weight.
4. The oven must be placed away from high temperature and steam.
5. DO NOT place anything on top of the oven.
6. DO NOT remove the turn -table drive shaft.
7. As with any appliance, close supervision is necessary when used by children.

WARNING-THIS APPLIANCE MUST BE EARTHED.

1. The plug socket should be within easy reach of the power cord
2. This oven requires 1.3 KVA for its input. consultation with service engineer is suggested when installing the oven.

CAUTION:This oven is protected internally by ac 250V,8 Amp Fuse.

IMPORTANT

The wires in this mains lead are coloured in accordance with the following code:

Green-and-yellow	: Earth
Blue	: Neutral
Brown	: Live

As the colours of the wires in the mains leads of the appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured green-and-yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol \perp coloured green of green-and-yellow.

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

IMPORTANT SAFETY INSTRUCTIONS

- WARNING: When the appliance is operated in the combination mode, children should only use the oven under adult supervision due to the temperatures generated; (Only for the model with grill function)
- 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;
- WARNING: liquids and other foods must not be heated in sealed containers since they are liable to explode.
- WARNING: Only allow children to use the oven without supervision when adequate instructions have been given so that the child is able to use the oven in a safe way and understands the hazards of improper use;
- The oven must have sufficient air flow.Keep 10 cm space at back;15 cm at both sides and 30cms from top of the oven.Don't remove oven's feet, do not block air events of the oven.
- Only use utensils that are suitable for use in microwave ovens.
- 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;
- 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;
- When cleaning surfaces of door, door seal, cavity of the oven, use only mild, nonabrasive soaps, or detergents applied with a sponge or soft cloth.
- 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;
- 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.

SAFETY INSTRUCTIONS FOR GENERAL USE

Listed below are, as with all appliances, certain rules to follow and safeguards to assure top performance from this oven:

1. Always have the glass tray, roller arms, coupling and roller track in place when operating the oven.
2. Do not use the oven for any reason other than food preparation, such as for drying clothes, paper, or any other nonfood items, or for sterilizing purposes.
3. Do not operate the oven when empty. This could damage the oven.
4. Do not use the oven cavity for any type of storage,such a papers, cookbooks, etc.
- 5.Do not cook any food surrounded by a membrane,such as egg yolks,potatoes,chicken livers,etc without first being pierced several times with a fork.

6. Do not insert any object into the openings on the outer case.
7. Do not at any time remove parts from the oven such as the feet, coupling, screws, etc.
8. Do not cook food directly on the glass tray. Place food in/on proper cooking utensil before placing in the oven.

9. IMPORTANT-COOKWARE NOT TO USE IN YOUR MICROWAVE OVEN

Do not use metal pans or dishes with metal handles.

Do not use anything with metal trim.

Do not use paper covered wire twist-ties on plastic bags.

Do not use melamine dishes as they contain a material which will absorb microwave energy. This may cause the dishes to crack or char and will slow down the cooking speed.

Do not use Centura Tableware. The glaze is not suitable for microwave use. Corelle Livingware closed handle cups should not be used.

Do not cook in a container with a restricted opening, such as a pop bottle or salad oil bottle, as they may explode if heated in a microwave oven.

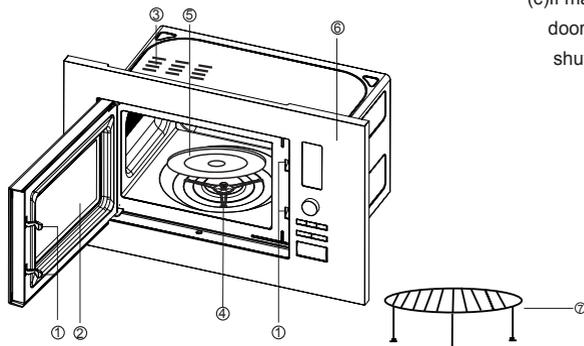
Do not use conventional meat or candy thermometers. There are the thermometers available specifically for microwave cooking. These may be used.

10. Microwave utensils should be used only in accordance with manufacturer's instructions.
11. Do not attempt to deep-fry foods in this oven.
12. Please remember that a microwave oven only heats the liquid in a container rather than the container itself. Therefore, even though the lid of a container is not hot to the touch when

removed from the oven, please remember that the food/liquid inside will be releasing the same amount of steam and/or spitting when the lid is removed as in conventional cooking.

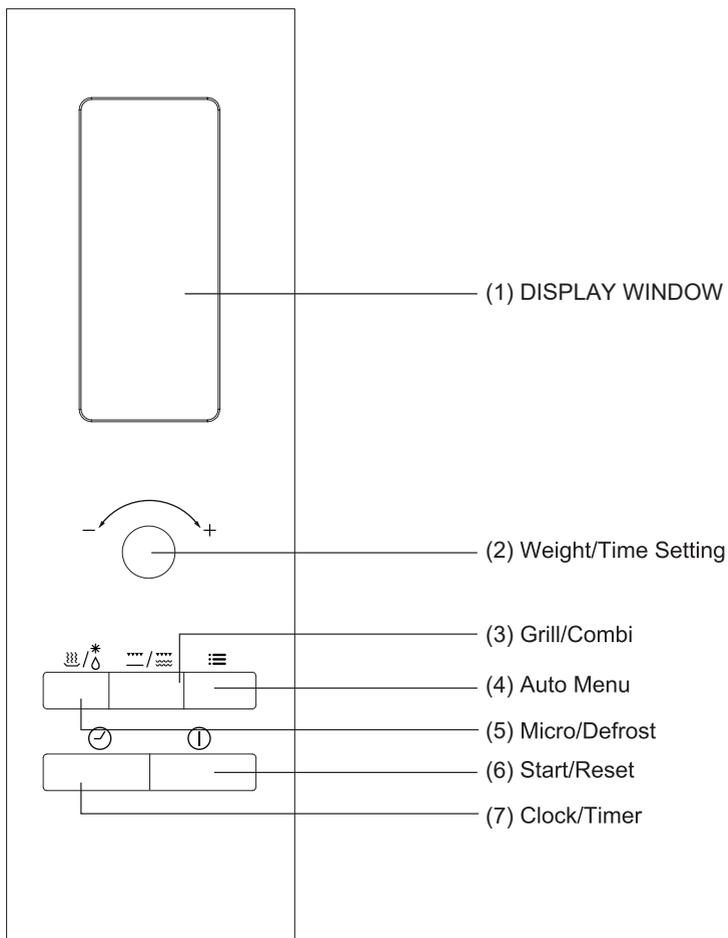
13. Always test the temperature of cooked food yourself especially if you are heating or cooking food/liquid for babies. It is advisable never to consume food/liquid straight from the oven but allow it to stand for a few minutes and stir food/liquid to distribute heat evenly.
14. Food containing a mixture of fat and water, e.g. stock, should stand for 30-60 seconds in the oven after it has been turned off. This is to allow the mixture to settle and to prevent bubbling when a spoon is placed in the food/liquid or a stock cube is added.
15. When preparing/cooking food/liquid and remember that there are certain foods, e.g. Christmas puddings, jam and mincemeat, which heat up very quickly. When heating or cooking foods with a high fat or sugar content do not use plastic containers.
16. Cooking utensil may become hot because of heat transferred from the heated food. This is especially true if plastic wrap has been covering the top and handles of the utensil. Potholders may be needed to handle the utensil.
17. To reduce the risk of fire in the oven cavity:
 - (a) Do not overcook food. Carefully attend microwave oven if paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.
 - (b) Remove wire twist-ties from bags before placing bag in oven.
 - (c) If materials inside the oven should ignite, keep oven door closed, turn the oven off at the wall switch, or shut off power at the fuse or circuit breaker panel.

FEATURE DIAGRAM



- (1) Door Safety Lock System
- (2) Oven Window
- (3) Oven Air Vent
- (4) Roller Ring
- (5) Glass Tray
- (6) Control Panel
- (7) Grill rack

CONTROL PANEL



Operation Instruction

1.Single Button Heating

Only with a single press of a button, you can start simple cooking, it is very convenient and quick to heat a glass of water etc.

Example:To heat a glass of milk

- a) Put a glass of milk onto the glass turntable, and close the door.
- b) Press the button "Start/Reset", the microwave oven will work on P100 power for 1 minutes.
- c) You will hear 5 beeps when cooking is completed.

2.Microwave Heating

This function has two options.

1) Quick microwave heating (P100 power)

Example: to heat food on P100 power for 5 minutes

- a) Set time to "5:00"
- b) Press "Start/Reset"

2) Manual-operation microwave heating

Example:To heat food on P70 power for 10 minutes

- a) Press "Micro/Defrost" button, select "P70" power;
- b) Set time to "10:00"
- c) Press "Start/Reset"

The longest microwave heating time is 60 minutes.

Microwave power have 5 settings,and it's P100、 P70、 P50、 P30 and P10 from high to low power.

3.Auto weight defrost

Select the food weight, it will automatically help you to adjust the power level and time.

Example:defrost 0.5kg frozen meat.

- a) Press "Micro/Defrost" button to display "dEF",
- b) Rotate the knob left "Weight/Time setting" to set the weight 0.5kg,
- c) Press "Start/Reset".

The weight of meat must be less than 2 kg.

4.Auto-Menu

You only need to select the food type and weight, it will help you to automatically adjust the power and time.

Example: Auto cooking 0.4 kg fish

- a) Press "Auto Menu" button until "A-5" displayed.
- b) Rotate the knob "Weight/Time Setting" to set the weight 0.4kg.
- c) Press "Start/Reset"

Weight / Menu Touching Times	Rice (A-1)	Vegetable (A-2)	Meat (A-3)	Noodle (A-4)	Fish (A-5)	Chicken (A-6)
1	0.1	0.1	0.2	1	0.1	0.2
2	0.2	0.2	0.3	2	0.2	0.4
3	0.3	0.3	0.4		0.3	0.6
4	0.4	0.4	0.5		0.4	0.8
5	0.5	0.5	0.6		0.5	1.0
6		0.6	0.8		0.6	1.2
7			1.0		0.7	1.4
8					0.8	1.6
9					0.9	1.8
10					1.0	2.0

Remark:Noodle in marked by lot,Each lot is around 0.1-0.15kg.

5. Grill

This function has two patterns, you may press "Grill/Combi" to select such functions: (the longest cooking time is 60 minutes).

Grill power have 2 settings,and it's G-1 and G-2 from high to low power.

Example: Cooking food with grill for 20 minutes

A) Press "Grill/Combi" until the LED displayed "G-1".

B) Set cooking time "20:00"

C) Press "Start/Reset"

When grilling, the food isn't heated by microwave, heat is radiated from the metal heater at the top of the oven.

When grill is working, the cooking time has 2 stages, after the 1st half of the cooking, the program will automatically pause and sound 2 beeps, indicating you to open the oven and turn food over, close the door after turn the food over, press "Start/Reset" button, the cooking will continue for the 2nd half. If you do not want to turn the food over, the oven will re-start after 1 min pause.

6. Combination Cooking

This appliance offers you a choice of two methods of combination cooking.

Combi power have 2 settings,taking the reference of microwave power.It" s C-1 and C-2 from high to low power.

Example : Cooking food using C-2 for 15 minutes.

a) Press "Grill/Combi" until the LED displayed "C-2"

b) Set cooking time for "15:00"

c) Press "Start/Reset"

7. Clock

The oven has a 24-hour digital clock,

To input the time, for example to 16:30:

- a) Press "Clock/Timer", the display will flash, adjust the hour with buttons "Weight/Time Setting"
- b) Press "Clock/Timer" again, adjust the minute with buttons "Weight/Time Setting".
- c) Press "Clock/Timer" again and the clock will be set.
- e) If you want to change the time, repeat above procedure.

8. Timer

This allows you to set the microwave oven start and finish cooking at pre-set time.

The clock must be set before you use this feature.

Example: The current time is 16:30 and you want to start cooking at 18:15 on P70 power for 10 minutes:

- a) Rotate the knob "Weight/Time Setting", set the time to "18:15" (same procedure as setting clock)
- b) Press "Micro/Defrost" to select P70 power.
- c) Set cooking time for 10 minutes.
- d) Press "Start/Reset"

If you do not set the power and cooking time and directly press the start button once you have programmed the time, the appliance will only work as a clock.

At 18:15 there will be 10 beeps and the appliance will be switched off.

9. Child-safety-lock

Under standby situation, to activate the child safety lock, press "Auto menu" and "Grill/Combi" at the same time for 2 seconds. Press "Auto menu" and "Grill/Combi" at the same time for 2 seconds again, it will unlock the machine.

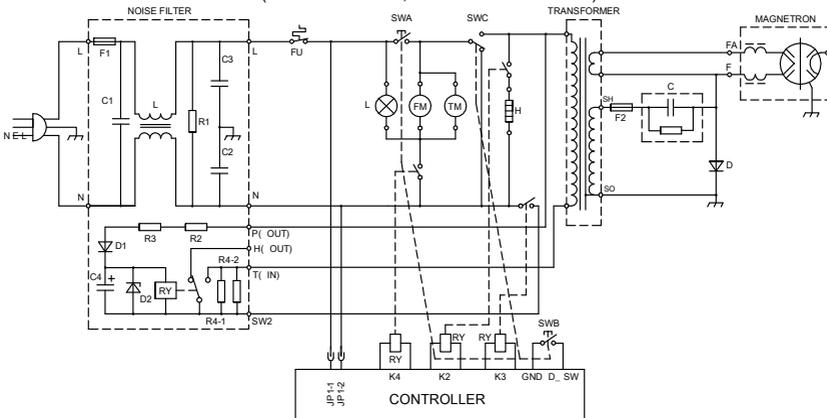
10. Start/Reset

- a) In the course of operation, pressing "Start/Reset" button will stop operation.
- b) If any program was set before pressing start, pressing this button will cancel all the set program.

CARE OF YOUR MICROWAVE OVEN

1. Turn the oven off and remove the power plug from the wall socket before cleaning.
2. Keep the inside of the oven clean. When food splatters or spilled liquids adhere to oven walls, wipe with a damp cloth. The use of harsh detergent or abrasives is not recommended.
3. The outside oven surface should be cleaned with a damp cloth. To prevent damage to the operating parts inside the oven, water should not be allowed to seep into the ventilation openings.
4. Do not allow the Control Panel to become wet. Clean with a soft, damp cloth, Do not use detergents, abrasives or spray-on cleaners on the control Panel.
5. 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.
6. It is occasionally necessary to remove the glass tray for cleaning. Wash the tray in warm sudsy water or in a dishwasher.
7. The roller ring and oven cavity floor should be cleaned regularly to avoid excessive noise. Simply wipe the bottom surface of the oven with mild detergent, water or window cleaner and dry. The roller ring may be washed in mild sudsy water or dish washer. Cooking vapour collect during repeated use but in no way affect the bottom surface or roller ring wheels.
When removing the roller ring from cavity floor for cleaning, be sure to replace it in the proper position.
8. Remove odors from your 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.
9. When it becomes necessary to replace the oven light, please consult a dealer to have it replaced.

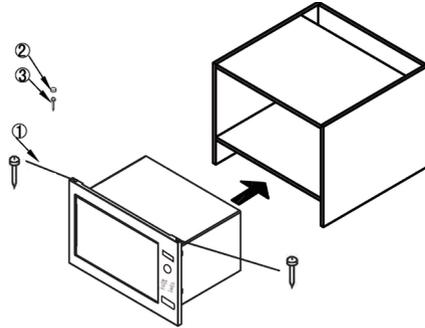
SCHMATIC DIAGRAM
(DOOR OPENED, COOK OFF CONDITION)



- | | |
|-----------------------------------|---------------------|
| SWA: PRIMARY INTERLOCK SWITCH | L: LAMP |
| SWB: SECONDARY INTERLOCK SWITCH | FM: FAN MOTOR |
| SWC: THE MONITOR INTERLOCK SWITCH | TM: TURNTABLE MOTOR |
| | H: HEATER |

*CIRCUIT SUBJECT TO CHANGE WITHOUT NOTICE

20/25/31L BUILT-IN MICROWAVE OVEN INSTALLATION MANUAL



COMPONENTS

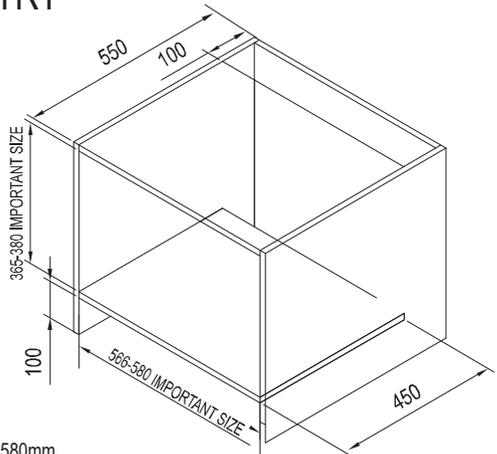
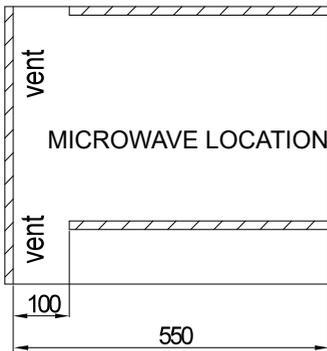
- | | | |
|--------------|---------|------|
| 1、bolt | φ3×20mm | 2PCS |
| 2、screwcover | | 1PCS |
| 3、bolt | φ4×45mm | 1PCS |

TRIM KIT SPECIFICATIONS

Cavity dimensions
 Width 566-580mm
 Height 365-380mm
 Depth 550mm

FRAME dimensions
 Width 595mm
 Height 390mm
 Depth 20mm

MICROWAVE OVEN CABINETRY



Cabinet measurement Requirements (illustrated above):

1. Cabinet's inner dimension in transverse direction is 566-580mm.
This is the minimum distance from the left batten to right batten. Do not alter.
2. Cabinet's inner dimension in longitudinal direction is 365-380mm.
This is the minimum distance from the left batten to right batten. Do not alter.
3. Cabinet's depth should be no less than 550mm.
4. Outside dimension of cabinet should be no less than 596mm,
as the frame length is 595mm.
5. Cabinet's board no less than 15mm or 20mm thick.

