

MODENA

User Manual Book

Microwave Oven

Agiato Series

MO 2004

MO 2305

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This guide book explains everything you need to know about your new product. Please contact our Customer Care should you need further assistance through www.modena.com

PART 1: SAFETY WARNINGS

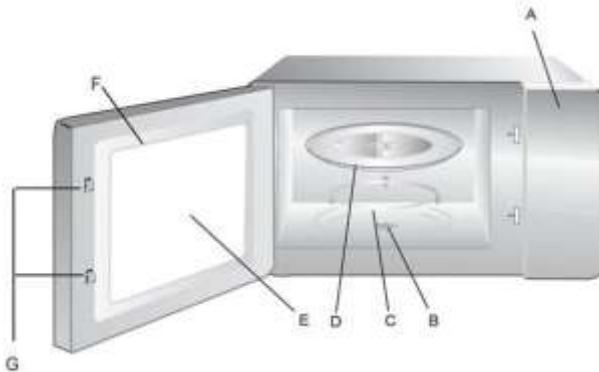
To reduce the risk of fire, electric shock, injury to persons or exposure to excessive microwave oven energy when using your appliance, follow basic precautions, including the following:

- 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 unless they are older than 8 and supervised.
- Keep the appliance and its cord out of reach of children less than 8 years.
- Only use utensils that are suitable for use in microwave
- The oven should be cleaned regularly and any food deposits should be removed.
- Read and follow the specific: "Precautions to Avoid Possible Exposure to Excessive Microwave Energy".
- When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition.
- If smoke is emitted, 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.
- 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.

- 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.
- 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.
- 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.
- Microwave heating of beverages can result in delayed eruptive boiling, therefore care must be taken when handling the container.
- The 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.
- The appliances are 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 (for ovens provided with a facility to use a surface, and do not cover any vents on the oven).

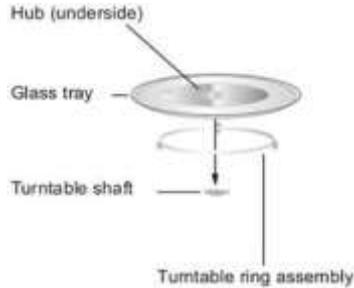
- **WARNING:** The appliance and its accessible parts become hot during use. Care should be taken to avoid touching heating elements. Children less than 8 years of age shall be kept away unless continuously supervised.
- The microwave oven must be operated with the decorative door open (for ovens with a decorative door.)
- The rear surface of appliance shall be placed against a wall.
- The microwave oven must not be placed in a cabinet.
- 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.

PART 2: NAME OF PARTS



- A. Control Panel
- B. Turntable shaft
- C. Turntable ring assembly
- D. Glass Tray
- E. Observation Window
- F. Door Assembly
- G. Safety Interlock System

Turntable Installation



- 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 its containers are always placed on the glass tray on cooking process
- If glass tray or turntable ring assembly breaks or cracks, contact MODENA call centre

PART 3: INSTALLATION

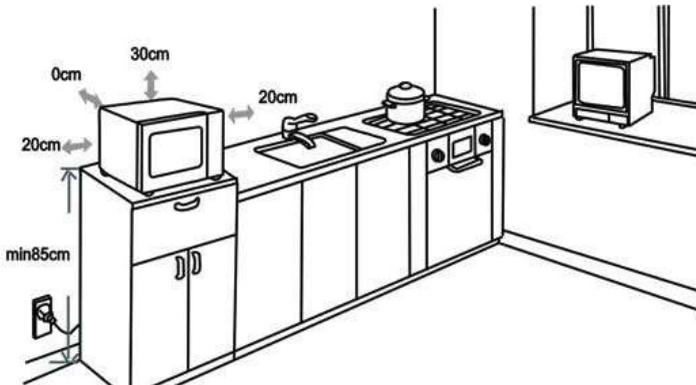
- Make sure all the packing materials are removed from the inside of the door.
- Inspect the oven after unpacking for any visual damage such as:
 - Misaligned Door
 - Damaged Door
 - Dents or Holes in Door Window and Screen
 - Dents in Cavity

If any of the above is visible, DO NOT use the oven.

- This microwave oven must be placed on a horizontal surface strong enough to support this weight.
- The oven must be placed away from high temperature and steam.
- DO NOT place anything on top of the oven.
- On the use of freestanding, leave a space of at least 10 cm from the rear, 8 cm from both sides of the wall and 15 cm from the top to ensure proper ventilation.
- On the use of a built-in (planted), adjust the distance by following the installation of an appropriate frame.
- oven.
- Do not remove the light brown Mica cover that is attached to the oven cavity to protect the magnetron.
- As with any appliance, close supervision is necessary when used by children.

WARNING!

- The plug socket should be within easy reach of the power cord.
- This oven requires 1.5 KVA for its input. Consultation with service engineer is suggested when installing the oven.



Installation on the Table

1. Select a level surface that provide enough open space for the intake and/or outlet vents.
 - The minimum installation height is 85cm.
 - The rear surface of appliance shall be placed against a wall. Leave a minimum clearance of 30cm above the oven, a minimum clearance of 20cm is required between the oven and any adjacent walls.
 - Do not remove the legs from the bottom of the oven.
 - Blocking the intake and/or outlet openings can damage the oven.
 - Place the oven as far away from radios and TV as possible. Operation of microwave oven may cause interference to your radio or TV reception.
2. Plug your oven into a standard household outlet. Be sure the voltage and the frequency is the same as the voltage and the frequency on the rating label. **WARNING:** Do not install oven over a range cooktop or other heat-producing appliance. If installed near or over a heat source, the oven could be damaged and the warranty would be void. The accessible surface may be hot during operation.

PART 4: HOW TO USE

How to Use MO 2004

Power Level

10 power levels are available

Power option	10	9	8	7	6	5	4	3	2	1	0
Oven Power	100 %	90 %	80%	70%	60%	50%	40 %	30%	20 %	10%	0%
Screen Display	PL10	PL9	PL8	PL7	PL6	PL5	PL4	PL3	PL2	PL1	PL0

2. Clock Setting

- Press " CLOCK ". "00:00" will display.
- Press the number keys and enter the current time. For example, time is 12:10 now, please press "1,2,1,0" in turn.
- Press " CLOCK " to finish dock setting. ":" will flash and the clock will be lighted.
- If the numbers input are not within the range of 1:00--12:59, the setting will be invalid until valid numbers are input.

NOTE

- In the process of clock setting, if the " STOP/CANCEL " button is pressed or if there is no operation within 1 minute, the oven will go back to the former setting automatically.
- If the clock need to be reset, please repeat step 1 to step 3.

Kitchen Timer

- Press "KITCHEN TIMER ", LED will display 00:00, the first hour figure flash.
- Press the number keys and enter the timer time. (the maximum cooking time is 99 minutes and 99 seconds)
- Press " START/+30SEC. " to confirm setting.
- When the timer time arrives, the buzzer will ring 5 times. If the clock be set (12- hour system), LED will display the current time.

NOTE

- The kitchen time is differ from 12-hour system, Kitchen Timer is a timer.
- During kitchen timer, any program cannot be set.

Microwave Cook

- a. Press "TIME COOK" once, LED will display "00:00".
- b. Press number keys to input the cooking time; the maximum cooking time is 99 minutes and 99 seconds.
- c. Press " POWER " once, LED will display "PL10". The default power is 100% power. Now you can press number keys to adjust the power level.
- d. Press " START/+30SEC." to start cooking.

Example: to cook the food with 50% microwave power for 15 minutes.

- a. Press "TIME COOK" once."00:00" displays.
- b. Press "1","5","0","0" in order.
- c. Press "POWER" once, then press "5" to select 50% microwave power.
- d. Press "START/+30SEC." to start cooking.

NOTE

- In the process of setting, if the " STOP/CANCEL" button is pressed or if there is no operation within 1 minute, the oven will go back to the former setting automatically.
- If "PLO" selected, the oven will work with fan for no power.
- During microwave cooking, "POWER" can be pressed to change the power you need. After pressing POWER", the current power flash for 3 seconds, now you can press number button to change the power. The oven will work with the selected power for the rest time.

Speedy Cooking

- a. In waiting state, instant cooking at 100% power level can be started by select a cooking time from 1 to 6 minutes by pressing number pads 1 to 6. Press " START/+30SEC." to increase the cooking time; the maximum cooking time is 99 minutes and 99 seconds.
- b. In waiting state, instant cooking at 100% power level with 30 seconds' cooking time can be started by pressing " START/+30SEC ". Each press on the same button will increase cooking time by 30 seconds. the maximum cooking time is 99 minutes and 99 seconds.

NOTE

During microwave cooking and time defrost, time can be added by pressing " START/+30SEC" button.

Weight Defrost Function

- a. Press WEIGHT DEFROST, LED will display dEF1.
- b. Press numerical buttons to input weight to be defrosted. Input the weight ranged between 100-2000 g.
- c. If the weight input is not within 100-2000 g, the input will be invalid.
- d. Press "START/+30SEC." to start defrosting and the cooking time remained will be displayed.

Time Defrost Function

- a. Press "TIME DEFROST", LED will display "dEF2".
- b. Press number pads to input defrosting time. The effective time range is 00:01- 99:99
- c. The default microwave power is power level 3. If you want to change the power level, press " POWER " once, and the LED will display "PL 3", then press the number pad of the power level you wanted.
- d. Press " START/+30SEC. " to start defrosting. The remained cooking time will be displayed.

Popcorn

- a. Press " POPCORN " repeatedly until the number you wish appears in the display, "50","100" g will display in order. For example, press "POPCORN" once , "50" appears.
- b. Press " START/+30 SEC. " to cook, buzzer sounds once. When cooking finish, buzzer sounds five times and then turn back to waiting state.

Important Information About Microwave Popcorn Feature:

- When selecting 100 g of popcorn, it is suggested that you fold down a triangle on each corner of the bag before cooking. Refer to

the picture at right.

- If/When the popcorn bag expands and no longer rotates properly, please press STOP/CANCEL button once and open the oven door and adjust the bag position to ensure even cooking.

Potato

- a. Press " POTATO " repeatedly until the number you wish appears in the display, "1","2","3" will display in order. "1"SET : 1 potato (approximate 230 gram) "2"SETS: 2 potatoes (approximate 460 gram) "3"SETS: 3 potatoes (approximate 690 gram) For example, press "POTATO" once , "1" appears.
- b. Press " START/+30 SEC. " to cook, buzzer sounds once. When cooking finish, buzzer sounds five times and then turn back to waiting state

Frozen Vegetable

- a. Press " FROZEN VEGETABLE " repeatedly until the number you wish appears in the display, "150","350","500" g will display in order. For example, press "FROZEN VEGETABLE" once , "150" appears.
- b. Press " START/+30 SEC. " to cook, buzzer sounds once. When cooking finish, buzzer sounds five times and then turn back to waiting state.

Beverage

- a. Press " BEVERAGE " repeatedly until the number you wish appears in the display, "1","2","3" cup will display in order. One cup is about 120ml. For example, press "BEVERAGE" once , "1" appears.
- b. Press " START/+30 SEC. " to cook, buzzer sounds once. When cooking finish, buzzer sounds five times and then turn back to waiting state.

Dinner Plate

- a. Press " DINNER PLATE " repeatedly until the number you wish appears in the display, "250","350","500" g will display in order. For example, press "DINNER PLATE" once , "250" appears.
- b. Press " START/+30 SEC. " to cook, buzzer sounds once. When cooking finish, buzzer sounds five times and then turn back to waiting stat

Pizza

- a. Press " PIZZA " repeatedly until the number you wish appears in the display, "100","200","400" g will display in order. For example, press "PIZZA" once , "100" appears.
- b. Press " START/+30 SEC. " to cook, buzzer sounds once. When

cooking finish, buzzer sounds five times and then turn back to waiting state

Memory Function

- a. Press "0/MEMORY" to choose memory 1-3 procedure. The LED will display 1,2,3.
- b. If the procedure has been set, press " START/ +30 SEC." to use it. If not, continue to set the procedure. Only one or two stages can be set.
- c. After finishing the setting, press "START/ +30 SEC." once to save the procedure and turn back to the waiting states. If press " START/ +30 SEC." again, it will start cooking

Example: to set the following procedure as the second memory, that is memory 2. to cook the food with 80% microwave power for 3minutes and 20 seconds. The steps are as follow:

- a) In waiting states, press "0/MEMORY" twice stop pressing until the screen displays "2".
- b) Press "TIME COOK" once, then press "3","2","0" in order.
- c) Press "POWER" once,"PL10" display, then press "8" and "PL8" displays.
- d) Press "START/ +30 SEC." to save the setting. Buzzer sounds once then turn back to waiting states. If you press "START/+30SEC." again, the procedure will be saved as the memory 2 and operated.
- e) If the electricity is not cut off, the procedure will be saved all the time. If it is, the procedure need to reset.
- f) If you want to run the saved procedure, in waiting states, press "0/MEMORY" twice, screen displays "2", then press "START/+30SEC." to run.

Multi-Stage Cooking

At most 2 stages can be set for cooking. In multi-stage cooking, if one stage is defrosting, then defrosting shall be placed at the first stage automatically. Note: Auto cooking cannot work in the multi-stage cooking.

Example: if you want to cook with 80% microwave power for 5 minutes + 60% microwave power for 10 minutes. The cooking steps are as following:

- 1) Press "TIME COOK" once, then press "5","0","0" to set the cooking time;
- 2) Press "POWER" once, then press "8" to select 80% microwave power.

- 3) Press "TIME COOK" once, then press "1","0","0","0" to set the cooking time;
- 4) Press "POWER" once, then press "6" to select 60% microwave power.
- 5) Press "START/ +30 SEC." to start cooking.

Inquiring Function

- a. In cooking state, press " CLOCK ", the LED will display clock for three seconds.
- b. In the microwave cooking state, press " POWER " to inquire microwave power level, and the current microwave power will be displayed. After three seconds, the oven will turn back to the previous state. In multi-stage state, the inquiring way can be done by the same way as above.

Lock Function for Children

Lock: In waiting state, press " STOP/CANCEL " for 3 seconds, there will be a long "beep" denoting the entering into the children-lock state; meanwhile, LED will display " E 3 "

Lock quitting: In locked state, press" STOP/CANCEL "for 3 seconds, there will be a long "beep" denoting that lock is released.

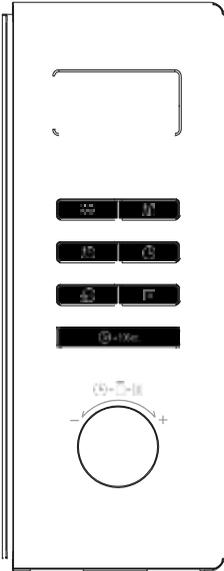
Cooking End RemindingFunction

When the cooking is over, the buzzer will sound 5 "beep" to alert user the cooking is finished.

Other Specifications

- a. In standby state, if the set clock digital tube displays current time, the icon " : " would flash; otherwise, it shows "0:00".
- b. In setting function state, LED displays corresponding setting.

How to Use MO 2305 Control Panel



	Microwave
	Weight Defrost
	Time Defrost
	Clock
	Kitchen Timer
	Stop/Clear
	Start/+30 Sec/Confirm

Operation Instructions

Clock Setting

When the microwave oven is connected to the power, the oven will display "0:00" and the buzzer will ring once.

- Press . The hour numbers will blink.
- Rotate the  to adjust the hour. The input time should be within 0-23.
- Press , the minute numbers will blink.
- Rotate the  to adjust the minute. The input time should be within 0-59.
- Press  again to finish the clock setting and the ":" will blink.

NOTE

- If the clock is not initially set, the clock function will not work.
- During the process of setting the clock, if the appliance is idle for 1 minute, the oven will automatically go back to previous status.

Microwave Cooking

- Press the  button once, display will show “P100”
- Press the  button repeatedly or turn  to select the microwave power
“P100”, “P80”, “P50”, “P30”, and “P10” will be displayed in order.
- Press “Start/+30 Sec/Confirm” to confirm.
- Turn  to adjust the cooking time. (The time setting should be 0:05-95:00).
- Press “Start/30 Sec/Confirm” to start cooking.

Microwave Power Chart

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

Speedy Cooking

- In standby position, press “Start/+30 Sec/Confirm” button to cook with 100% power level for 30 seconds. Each press of the button on the same key adds 30 seconds. The maximum cooking time is 95 minutes.
- During the microwave cooking and time defrost process, press “Start/+30 Sec/Confirm” to increase cooking time.
- In standby position, turn the  left to directly choose the cooking time. After choosing the time, press “Start/+30 Sec/Confirm” to start cooking. The microwave power is 100%.

NOTE

Under the auto menu and weight defrost program, cooking time cannot be increased by pressing “Start/+30 Sec/Confirm”.

Defrost by Weight

- a. Press  once, the screen will display “dEF1”.
- b. Turn  to select the food weight. The range of weight is 100-2000g.
- c. Press “Start/+30 Sec/Confirm” key to start defrosting.

Multi-stage Cooking

A maximum of two stages can be set. If one of the stages is defrosting, it should be put as the first stage. The buzzer will ring once after each stage and the next stage will begin.

Example: If you want to defrost the food for 5 minutes, then to cook with 80% microwave power for 7 minutes. The steps are as follows:

- a. Press  once, the screen will display “dEF2”.
- b. Rotate  to adjust the defrost time of 5 minutes.
- c. Press  once.
- d. Rotate  to choose 80% microwave power until “P80” showed up in the screen.
- e. Press “Start/+30 Sec/Confirm” to confirm.
- f. Rotate  to adjust the cooking time of 7 minutes.
- g. Press “Start/+30 Sec/Confirm” to start cooking.

Kitchen Timer

- a. Press  once, the screen will display 00:00.
- b. Rotate  to enter the correct time. (Maximum cooking time is 95 minutes.)
- c. Press “Start/+30 Sec/Confirm” to confirm setting.
- d. When the timer has ended, the clock indicator will turn off and buzzer will ring 5 times. If the clock has been set (24-hour system), the screen will display the current time.

NOTE

The kitchen timer is different from the Clock.

Auto Menu

- a. In standby mode, rotate the  to the right to choose the menu from "A-1" to "A-8".
- b. Press "Start/+30 Sec/Confirm" to confirm the menu.
- c. Rotate  to choose the food weight.
- d. Press "Start/+30 Sec/Confirm" to start cooking.
- e. After cooking is finished, the buzzer will ring for 5 times.

Child Lock

- To activate child lock: In waiting state, press  for 3 seconds, there will be a long "beep" to indicate that Child Lock is activated and the screen will display current time or [--].
- To deactivate child lock: Press  for 3 seconds, there will be a long "beep" to indicate that Child Lock is deactivated.

Inquiry Function

- a. In cooking state of microwave cooking, press  then the current power level will be displayed for 3 seconds.
- b. During cooking, press  to check the current time. It will be displayed for 3 seconds.

Specification

- a. The buzzer will ring once when rotating the knob at the beginning
- b. If the door is opened during cooking, press "Start/+30 Sec/Confirm" to continue cooking.
- c. Once the cooking programme has been set, if the "Start/+30 Sec/Confirm" is not pressed in 1 minute, the current time will be displayed and setting will be cancelled.
- d. The buzzer will sound only if the button is pressed correctly.
- e. The buzzer will sound five times when the cooking time is finished.

Menu	Weight	Display
A-1 Pizza	200 g	200
	400 g	400
A-2 Meat	250 g	250
	350 g	350
	450 g	450
A-3 Vegetabl e	200 g	200
	300 g	300
	400 g	400
A-4 Pasta	50g(with 450 ml cold water)	50
	100g(with 800 ml cold water)	100
A-5 Potato	200 g	200
	400 g	400
	600 g	600
A-6 Fish	250 g	250
	350 g	350
	450 g	450
A-7 Beverag e	1 cup(120 ml)	1
	2 cups(240 ml)	2
	3 cups(360ml)	3
A-8 Popcorn	50 g	50
	85 g	85
	100 g	100

PART 5: MAINTENANCE

- Be sure to unplug the appliance from the power supply.
- 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 neigh boring 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.
- Cleaning Tip : For easier cleaning of the cavity walls that the food cooked can touch: Place half a lemon in a bowl, add 300m1 (1/2 pint) water and heat on 100% microwave power for 10 minutes. Wipe the oven clean using a soft, dry cloth.

PART 6: TROUBLESHOOTING

Consult the following troubleshooting before contacting our Service Center regarding your microwave oven:

Problem	Possible Cause
Microwave oven interfering TV reception	Radio and TV reception may be interfered when microwave oven operating. It is similar to the interference of small electrical appliances like mixer, vacuum cleaner, and electric fan. It is normal.
Dim oven light	In low power microwave cooking, oven light may become dim. It is normal.
Steam accumulating on door, hot air out of vents	In cooking, steam may come out of food. Most will get out from vents. But some may cumulate and cool place like oven door. It is normal.
Oven started accidentally with no food in.	It is forbidden to run the unit without any food inside. It is very dangerous.

Problem	Possible cause	Solution
Oven cannot be started	Power cord not plugged in tightly	Unplug. Then plug again after 10 second.
	Fuse blowing or circuit breaker works.	Replace fuse or reset circuit breaker (repaired by professional personal of MODENA).
	Problem with outlet	Test outlet with other electrical appliances.
Oven does not heat	Door not closed well	Close door well
Glass turntable makes noise when microwave oven operates	Dirty roll rest and oven bottom	Refer to "maintenance of microwave" to clean dirty part.

PART 7: PRECAUTION

Basic preventive measures you should always look for when you are using microwave oven:

- Read the instructions carefully before operating.
- Ensure that the voltage indicated on the back of the unit in accordance with the voltage in your home before you connect the device to a power source.
- Remove the plug from the socket before you insert and remove accessories and before you clean the microwave oven) . Always remove the plug from the socket when you have finished using it or if it is not being used.
- Do not operate the microwave oven if the power cord or plug is damaged, not working properly, the microwave oven is dropped or damaged for any reason. Bring to MODENA Service Center for examination and testing, setting back electrical or mechanical function and repair as necessary.
- To prevent the risk of electrical shock, do not put / dip power cord or plug in water or other liquids.
- Always clean the microwave oven after completion of use and do not immerse in water.
- The use of equipment / tools not recommended and supplied by the manufacturer may cause fire, can be raises a risk of electric shock / short circuit and damage to the furnace microwave (microwave oven) you.

- Do not use the microwave oven in open space.
- Do not let the power cord hanging or nestled away on a side table or touch hot surfaces, including stove and etc.

Measures to avoid the possibility of excessive exposure of the microwaves

- Do not attempt to operate this oven with the door open, as long as the door is open, the process can result in harmful exposure to microwave energy. It is important not to impede or tamper with the safety interlocks section.
- Do not place any object between the oven front and the door or allow dust or residual cleanser accumulate on sealing surfaces / seals.
- Do not operate the oven if it is damaged. It is very important that the oven door closes properly and that there is no damage to the (1) door (bent), (2) hinges and latches (broken or loosened), (3) Door seals and sealing surfaces. The oven must be adjusted or repaired by qualified service personnel.

PART 8: SPECIFICATION

MODEL	MO 2004	MO 2305
Type	Microwave oven	Microwave Oven
Installation type	Freestanding	Freestanding
Oven capacity (liter)	20	23
Power level	10	5
External color	Silver	Black
Door color	Black + Silver (L)	Black
Microwave output (watt)	700	800
Grill output (watt)	-	-
Power input (watt)	1050	1250
Voltage	220V~50 Hz	220V~50Hz
Dimension (L x W x H) mm	440 x 350 x 259	485 x 409 x 292.5



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