



## 900W Microwave

**Model:** 177MW900D0A

04/2024

***Please read and keep these instructions. Indoor use only.***

## Table of Contents

Important Safety Instructions .....	3
Precautions to Avoid Possible Exposure to Excessive Microwave Energy .....	4
Radio Interference.....	4
Opening Your New Microwave .....	5
Grounding Instructions .....	5
Microwave Assembly .....	6
Installation .....	7
Operation .....	8
Care and Cleaning .....	15
Troubleshooting .....	15

## Specifications

<b>Model</b>	177MW900D0A
<b>Rated Voltage</b>	120V~60Hz
<b>Rated Input Power (Microwave):</b>	1400W
<b>Rated Output Power (Microwave):</b>	900W
<b>Oven Capacity:</b>	25L
<b>Turntable Diameter:</b>	ø10.63"
<b>External Dimensions:</b>	18 <sup>5</sup> / <sub>8</sub> " x 14 <sup>11</sup> / <sub>16</sub> " x 10 <sup>11</sup> / <sub>16</sub> "
<b>Net Weight:</b>	11.4 lb.



**LISTED**

E214180

Conforms to UL STD. 923

## Important Safety Instructions



When using electrical equipment, basic safety precautions should be followed to reduce the risk of burns, electrical shock, fire, or injury to persons.

**READ ALL OF THE INSTRUCTIONS BEFORE USING THIS EQUIPMENT.**

1. This equipment **MUST BE GROUNDED**. Connect only to properly GROUNDED outlet. See “**Grounding Instructions**” on page 4 for further details.
2. Use this equipment **ONLY** for its intended use as described in this manual. This type of microwave is specifically designed to heat, cook, or dry food. It is not designed for industrial, laboratory, or commercial food service use.
3. **DO NOT** heat items able to explode in this microwave, such as eggs, sealed containers, glass jars, etc.
4. **DO NOT** operate this equipment if the cord, plug, and/or door is damaged, if it is not working properly, or if it has been damaged or dropped.
5. This equipment, including power cord, must be serviced **ONLY** by qualified service personnel. Contact the nearest authorized service facility for examination, repair, or adjustment.
6. **DO NOT** cover or block filter or other openings on equipment.
7. **DO NOT** store this equipment outdoors.
8. **DO NOT** use this product near water or immerse the cord and/or plug in water.
9. Keep cord **AWAY** from **HEATED** surfaces.
10. **DO NOT** let cord hang over edge of table or counter.
11. **DO NOT** overcook food as to avoid fire in microwave cavity.
12. If materials inside the microwave ignite, keep microwave door **CLOSED**, turn microwave off, and disconnect the power cord, or shut off power at the fuse or circuit breaker panel.
13. **DO NOT** use the cavity for storage.
14. **DO NOT** overheat liquids.
15. After heating, allow the container to stand in the microwave oven for a short time before removing the container.
16. **DO NOT** operate equipment without load or food in microwave cavity.
17. **DO NOT** use metal utensils in microwave.
18. **NEVER** use paper, plastic, or combustible materials that are not intended for cooking.
19. Clean microwave regularly and remove any food deposits.
20. This unit is not certified for commercial food service use.
21. This product is intended for office / light-duty, non-commercial food service use. Excessive use can shorten the lifespan of electrical parts.
22. **HOT CONTENTS CAN CAUSE SEVERE BURNS. DO NOT ALLOW CHILDREN TO USE THE MICROWAVE.** Use caution when removing hot items.

**SAVE THESE INSTRUCTIONS**

## Precautions to Avoid Possible Exposure to Excessive Microwave Energy

- (a) Do not attempt to operate this oven with the door open since open door operation can result in harmful exposure to microwave energy. It is important not to destroy or tamper with the safety interlocks.
- (b) Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.
- (c) Do not operate the oven if it is damaged. It is particularly important that the oven door close 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
- (d) The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

## Radio Interference

- 1. Operation of the microwave oven may cause interference to your radio, TV, or similar equipment.
- 2. When there is interference, it may be reduced or eliminated by taking the following measures:
  - 1) Clean door and sealing surface of the oven.
  - 2) Reorient the receiving antenna of radio or television.
  - 3) Relocate the microwave oven with respect to the receiver.
  - 4) Move the microwave oven away from the receiver.
  - 5) Plug the microwave oven into a different outlet so that microwave oven and receiver are on different branch circuits.



**TO AVOID RISK OF ELECTRICAL SHOCK OR DEATH, THIS MICROWAVE MUST BE GROUNDED. TO AVOID RISK OF ELECTRICAL SHOCK OR DEATH, DO NOT ALTER THE PLUG.**

## Opening Your New Microwave

- Inspect microwave for any damage such as cracks or dents in the door or inside the microwave cavity.
- Remove all materials from the microwave interior.
- Remove all plastic wrap and packaging material before use.
- Do not install the microwave next to or above a source of heat, such as an oven or radiator. This could cause the microwave oven to operate improperly and could shorten the life of electrical parts.
- Install the microwave on a level countertop surface.
- The outlet should be located so that the plug is accessible when the microwave is in place.

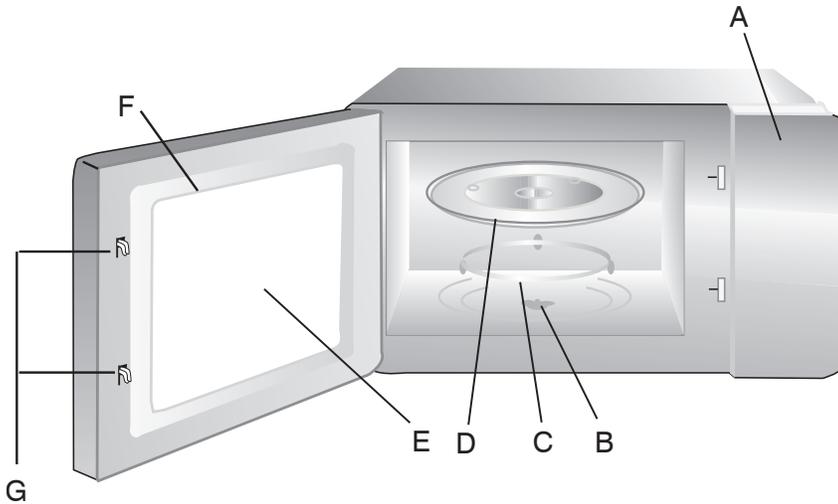
## Grounding Instructions

The microwave **MUST** be grounded. Grounding reduces risk of electric shock by providing an escape wire for the electric current if an electrical short occurs. This microwave is equipped with a cord with a ground wire and grounding plug. The plug must be plugged into an outlet that is properly installed and grounded. Do not use an extension cord.

**This device complies with part 18 of the FCC Rules.**

## Microwave Assembly

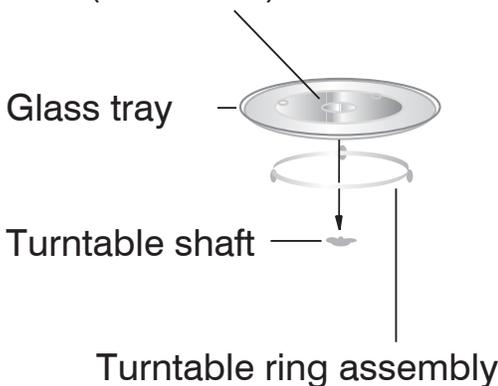
Remove the microwave and accompanying materials from the carton and oven cavity. Your microwave comes with the following accessories:



- |                            |                            |
|----------------------------|----------------------------|
| A. Control Panel           | E. Observation Window      |
| B. Turntable Shaft         | F. Door Assembly           |
| C. Turntable Ring Assembly | G. Safety Interlock System |
| D. Glass Tray              |                            |

### Turntable Installation

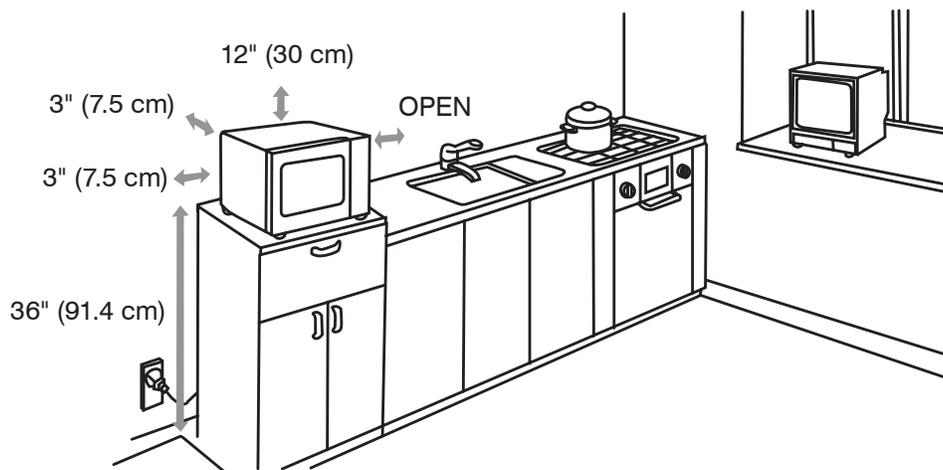
Hub (underside)



- DO NOT place the glass tray upside down. The glass tray should never be restricted in motion.
- Both the glass tray and turntable ring assembly must always be used during operation.
- All food and containers of food must be placed on the glass tray during operation.
- If the glass tray or turntable ring assembly becomes damaged, contact the manufacturer for replacement.

## Installation

- Remove all packaging materials and accessories.
  - Examine the microwave for any potential damage. If damage is found, DO NOT install the unit. Contact the manufacturer immediately.
  - Remove the protective film on the microwave oven cabinet surface.
  - Do not remove the light brown mica cover that is attached to the oven cavity to protect the magnetron component.
1. Select a level surface that provides enough space for the intake and outlet vents. See below for clearance details.



A minimum clearance of 3" (7.5 cm) is required between the microwave and any adjacent walls. The unit cannot be fully enclosed; one side must be open.

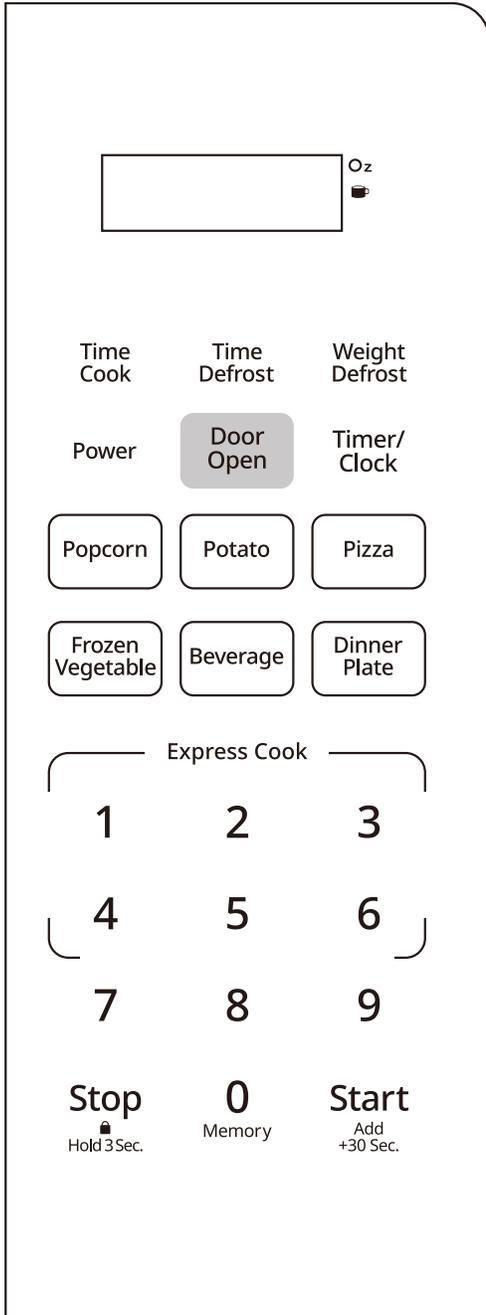
- Leave a minimum clearance of 12" (30 cm) above the oven.
  - Do not remove the legs from the bottom of the oven.
  - Blocking the intake and/or outlet openings can damage the oven.
2. Plug your oven into a standard 120V outlet. Confirm your outlets are wired as 120V before plugging in.



**WARNING: DO NOT INSTALL OVEN OVER RANGE COOKTOP OR OTHER HEAT-PRODUCING APPLIANCES. IF INSTALLED NEAR OR OVER A HEAT SOURCE, THE OVEN COULD BE DAMAGED AND THE WARRANTY WOULD BE VOID.**

## Operation

### 1. Control Panel



### 2. Power Level

11 power levels are available.

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

### 3. Safety Lock

Safety Lock is a system that safeguards against unintended activation of the oven, providing a protective measure to ensure child safety.

(1) How the safety lock works:

Initiating a cooking process triggers the door lock, and it also engages if the door remains unlocked for an additional 30 minutes following the completion of the cooking.

Safety lock is active by default. It will only be deactivated if the user chooses to do so manually. Even in the event of a power disconnection, the oven will preserve the state of the safety lock, whether it is activated or deactivated.

(2) Unlock the door:

Press "Door Open" during operation and open the door within 10 seconds. The door will stay unlocked until cooking is initiated. If the door is not opened within 10 seconds, the safety lock will re-engage.

OR

Press "Door Open" within 30 minutes after cooking is complete to manually disable the door lock and switch to standby mode. If no key is pressed, the safety lock will automatically disengage after 30 minutes.

(3) Deactivate the safety lock:

If there are no children in the house, you can choose to permanently deactivate the safety lock function.

Press "7" then "9" in consecutive order, then press and hold "Door Open" for 3 seconds within 30 seconds. The screen will display "ULoc" indicating the successful deactivation of the safety lock.

(4) Re-activate the safety lock:

Press "7" then "9" in consecutive order, then press and hold "Door Open" for 3 seconds within 30 seconds. The screen will display "Loc" indicating the successful re-activation of the safety lock.

## 4. Clock Setting

- (1) Press "Timer/Clock" once; "00:00" will display.
- (2) Press the number keys and enter the current time. For example, if it is 12:10, press "1, 2, 1, 0" consecutively
- (3) Press "Timer/Clock" again to finalize the clock setting.
- (4) If the numbers entered are not within the range of 1:00--12:59, the setting will be invalid until valid numbers are entered.

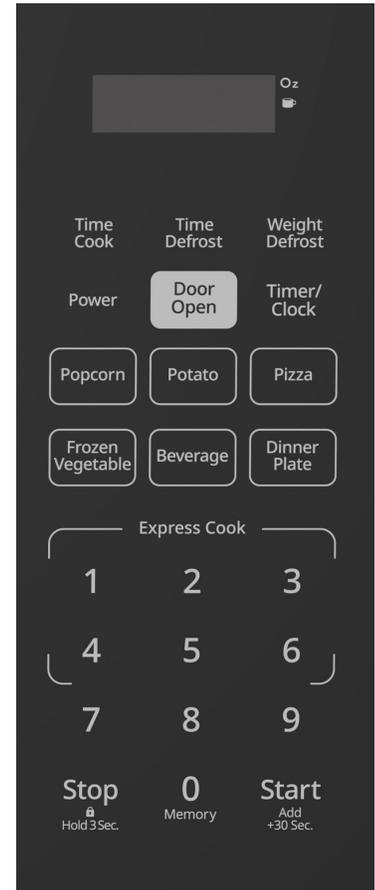
### Note:

- (1) *In the process of clock setting, if the "Stop" button is pressed or if there is no operation within 1 minute, the unit will automatically go back to the former setting.*
- (2) *If the clock needs to be reset, please repeat steps 1 to 3.*
- (3) *The clock is on a 12-hour display. If the clock is not set, it will not work when powered.*

## 5. Kitchen Timer

- (1) Press "Timer/Clock" once; the screen will display "00:00."
- (2) Press the number keys and enter the desired time.
- (3) Press "Start/Add +30 Sec." to confirm setting.
- (4) When the timer is up, the buzzer will ring 5 times. If the clock has been set, the screen will then display the current time.

**Note:** *While using the kitchen timer, no other programs can be set.*



## 6. Manual Cook Mode

- (1) Press "Time Cook" once; the screen will display "00:00."
- (2) Press the number keys to input the cooking time. The maximum cooking time is 99 minutes and 99 seconds.
- (3) Press "Power" once; the screen will display "PL10." The default power is 100% power. Adjust the power level by selecting different number keys.
- (4) Press "Start/Add +30 Sec." to start cooking.

**Example:** To cook with 50% microwave power for 15 minutes:

- a. Press "Time Cook" once. "00:00" displays.
- b. Press "1, 5, 0, 0" consecutively.
- c. Press "Power" once, then press "5" to select 50% microwave power.
- d. Press "Start/Add +30 Sec." to start cooking.

### Note:

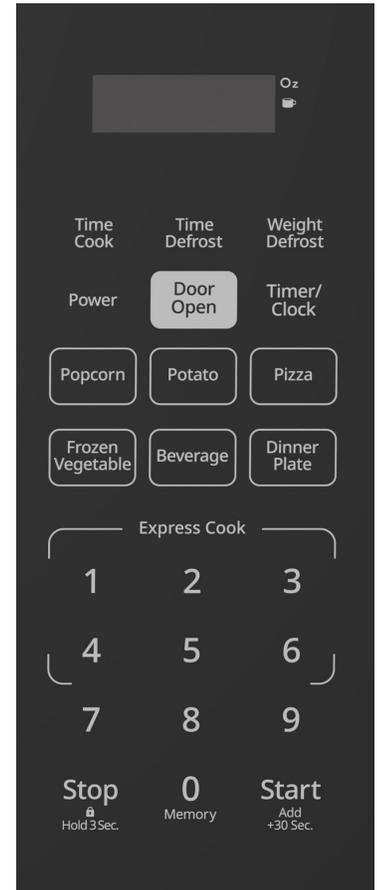
- (1) In the process of setting, if the "Stop" button is pressed or if there is no operation within 1 minute, the oven will automatically go back to the former setting.
- (2) If "PL0" (power level 0) is selected, the fan will operate with no cooking power. This setting is useful to remove odor within the oven cavity.
- (3) During microwave cooking, "Power" can be pressed to change the power level. After pressing "Power," the current power will flash for 3 seconds. Then, press the number button to change to the desired power level. The microwave will work with the selected power for the remaining cook time.

## 7. Express Cooking

- (1) Instant cooking at 100% power level can be started by selecting a cooking time from 1 to 6 minutes by pressing number 1 to 6. Press "Start/Add +30 Sec." to increase the cooking time; the maximum cooking time is 99 minutes and 99 seconds.
- (2) By pressing the "Start/Add +30 Sec." button, a 100% power level, 30 second cooking cycle will begin.

### Note:

- (1) During microwave cooking and time defrost cycles, time can be added by pressing the "Start/Add +30 Sec." button.



## 8. Weight Defrost Function

- (1) Press "Weight Defrost;" the screen will display "dEF1."
- (2) Input the weight of the product to be defrosted in ounces by selecting numbers on the keypad. Weight must be between 4 and 100 ounces.
- (3) Press "Start/Add +30 Sec." to start defrosting. The live cooking time remaining will show on the digital screen until defrosting is complete.

## 9. Time Defrost Function

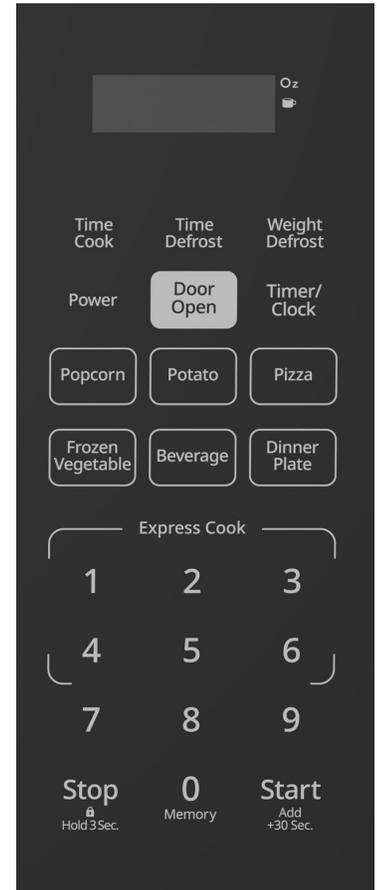
- (1) Press "Time Defrost;" the screen will display "dEF2."
- (2) Input defrosting time by selecting numbers on the keypad. Time must be between 0:01 and 99:99.
- (3) The default microwave power is power level 3. If you want to change the power level, press "Power," and the screen will display "PL 3." Then, press the number that corresponds with the power level you would like.
- (4) Press "Start/Add +30 Sec." to start defrosting. The remaining defrost time will be displayed.

## 10. Popcorn

- (1) Press "Popcorn" repeatedly until the number of ounces you are cooking appears in the display "1.75", "3.0", "3.5" oz. will display in that order. For example, if you are cooking 1.75 oz. of kernels, press "Popcorn" once.
- (2) Press "Start/Add +30 Sec." to cook. When cooking finishes, the buzzer will sound five times and then go back into the waiting state.

## 11. Potato

- (1) Press "Potato" repeatedly until the number of potatoes you would like to cook appears in the display. "1," "2," "3" will display in that order.
  - 1 = 1 potato (approximate 8 oz.)
  - 2 = 2 potatoes (approximate 16 oz.)
  - 3 = 3 potatoes (approximate 24 oz.)
- (2) Press "Start/Add +30 Sec." to cook. When cooking finishes, the buzzer will sound five times and then go back into the waiting state.



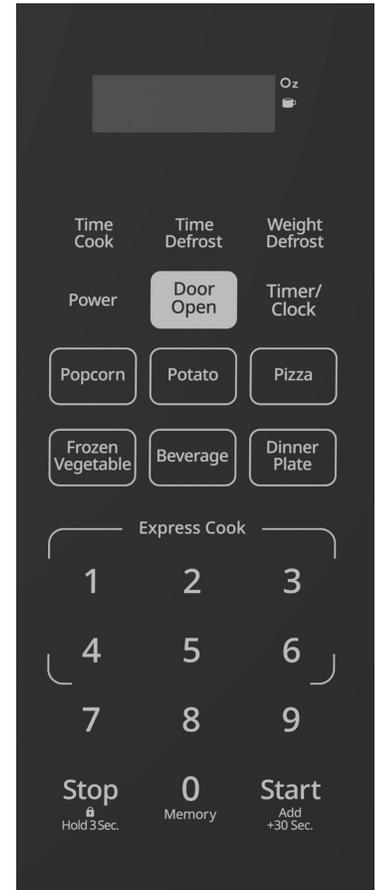
## 12. Memory Function

- (1) Press "0" repeatedly to choose between 3 programmed memorized recipes. The screen will display 1, 2, 3 in that order.
- (2) If the memory has already been set, press "Start/Add +30 Sec." to use it. If not, please reference the steps in the below example.

### **Example:** Programming a recipe as memory 2:

To set a recipe with 80% microwave power for 3 minutes and 20 seconds, the steps are as follows:

- a. In the waiting state, press "0" twice. Stop pressing when the screen displays "2."
- b. Press "Time Cook" once, then press "3," "2," "0" consecutively.
- c. Press "Power" once; "PL10" will display. Then, press "8" and "PL8" will display to set the power level to 80%
- d. Press "Start/Add +30 Sec." to save the setting. The buzzer will sound once and the screen will display "2." If you press "Start/Add +30 Sec." again, the procedure will be saved as memory 2.
- e. If the electricity does not get cut off, the procedure will be saved indefinitely. If the electricity does get cut off, the recipe will need to be re-programmed.
- f. If you want to run the memorized recipe, press "0" twice; the screen will display "2." Then, press "Start/Add +30 Sec." to run.



## 13. Multi-Stage Cooking

When using multi-stage cooking, 2 stages can be set at most. If one of the stages is defrosting, then defrosting will automatically be placed as the first stage.

**Example:** If you want to cook with 80% microwave power for 5 minutes + 60% microwave power for 10 minutes, the steps are as follows:

- a. Press "Time Cook" once, then press "5," "0," "0" to set the cooking time.
- b. Press "Power" once, then press "8" to select 80% microwave power.
- c. Press "Time Cook" once, then press "1," "0," "0," "0" to set the cooking time.
- d. Press "Power" once, then press "6" to select 60% microwave power.
- e. Press "Start/Add +30 Sec." to start cooking.

## 14. Lock Function for Children

**Lock:** In the waiting state, press and hold "Stop" for 3 seconds. There will be a long "beep" denoting the activation of the child lock. Meanwhile, the screen will display "0000."

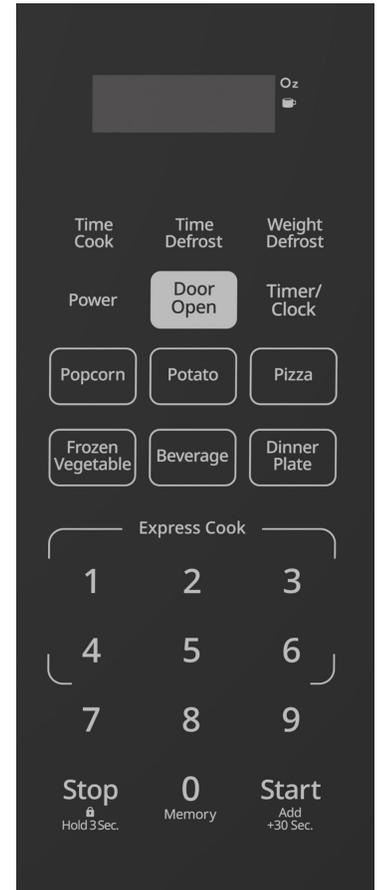
**Lock Disarming:** In the locked state, press and hold "Stop" for 3 seconds, there will be a long "beep" denoting that the lock is disarmed.

## 15. Inquiring Function

- (1) In the cooking state, press "Timer/Clock", to display the time for three seconds.
- (2) In the cooking state, press "Power" to check the microwave power level, and the current microwave power will be displayed. After 3 seconds, the oven will return to the previous state.

## 16. Auto Menu

MENU	WEIGHT	DISPLAY	POWER
Popcorn	1.75 oz.	1.75	PL10
	3.2 oz.	3.2 <sup>-</sup>	
	3.5 oz.	3.5 <sup>-</sup>	
Potato	1 (8 oz.)	1	PL10
	2 (16 oz.)	2	
	3 (24 oz.)	3	
Pizza	4 oz.	4.0 <sup>-</sup>	PL8
	8 oz.	8.0 <sup>-</sup>	
	14 oz.	14.0 <sup>-</sup>	
Frozen Vegetable	4 oz.	4.0 <sup>-</sup>	PL10
	8 oz.	8.0 <sup>-</sup>	
	16 oz.	16.0 <sup>-</sup>	
Beverage	1 cup (120 mL)	1-	PL10
	2 cups (240 mL)	2-	
	3 cups (360 mL)	3-	
Dinner Plate	9 oz.	9.0 <sup>-</sup>	PL10
	12 oz.	12.0 <sup>-</sup>	
	18 oz.	18.0 <sup>-</sup>	



## Care and Cleaning



**TO AVOID ELECTRICAL SHOCK, WHICH CAN CAUSE SEVERE PERSONAL INJURY OR DEATH, UNPLUG POWER CORD OR OPEN CIRCUIT BREAKER TO MICROWAVE BEFORE CLEANING OR REMOVING LIGHT BULB.**

- Cleaning the interior and exterior will require a mild detergent, water, and a soft sponge or cloth.
- Do not use cleaners that include ammonia or citrus.
- Do not use water pressure cleaning systems on your microwave.
- Inspect air vents monthly and clean using a damp cloth.

## Troubleshooting

If something is wrong with your unit, please reference the chart below and try solutions for each problem. If the microwave still does not work properly, please contact a reputable service technician and/or the manufacturer.

PROBLEM	POSSIBLE CAUSE	POSSIBLE REMEDY
<b>Oven Will Not Start</b>	a. Electrical cord for oven is not plugged in. b. Door is open. c. Wrong operation is set.	a. Plug into the outlet. b. Close the door and try again. c. Check instructions.
<b>Arcing or Sparking</b>	a. Materials to be avoided in microwave were used. b. The oven is operated when empty. c. Spilled food remains in the cavity.	a. Use microwave-safe cookware only. b. Do not operate with oven empty. c. Clean cavity with wet towel.
<b>Unevenly Cooked Foods</b>	a. Materials to be avoided in microwave were used. b. Food is not defrosted completely. c. Cooking time / power level is not suitable. d. Food is not turned or stirred.	a. Use microwave-safe cookware only. b. Completely defrost food. c. Use correct cooking time / power level. d. Turn or stir food.
<b>Overcooked Foods</b>	a. Cooking time / power level is not suitable.	a. Use correct cooking time / power level.
<b>Undercooked Foods</b>	a. Materials to be avoided in microwave were used. b. Food is not defrosted completely. c. Oven ventilation ports are restricted. d. Cooking time / power level is not suitable.	a. Use microwave-safe cookware only. b. Completely defrost food. c. Check to see that oven ventilation ports are not restricted. d. Use correct cooking time / power level.
<b>Improper Defrosting</b>	a. Materials to be avoided in microwave were used. b. Cooking time / power level is not suitable. c. Food is not turned or stirred.	a. Use microwave-safe cookware only. b. Use correct cooking time / power level. c. Turn or stir food.