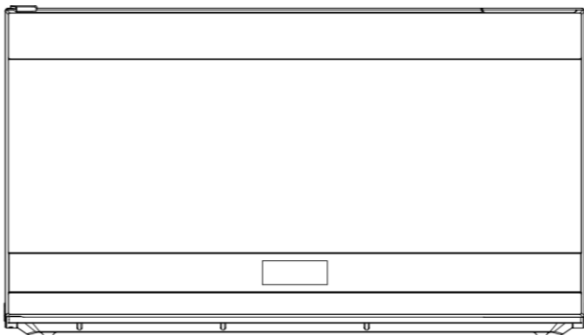


USER GUIDE

1.7Cu.Ft. Oven-the-Range Microwave



RED500JTH-SAGH0A

Please read these instructions carefully before installing and operating the oven.

技术要求：环保要求按《技术协议》执行。

					说明书 RED500JTH-SAGH0A (D100D50ASLRIII-JT)				JS1M0609-26397-004- (00)	
标 记	处数	更改单号	签 字	日期						
设 计	李胜海	标准化	关业红		图 样 标 记	数量	重量	比例		
校 对		审 定	李丰		S	A	B		1:1	广东格兰仕电器制造有限公司
审 核	黄 玲									
工 艺		日 期	2025-09-01		共 24 页		第 / 页			

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IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances, basic safety precautions should be followed, including the following:

WARNING - To reduce the risk of burns, electric shock, fire, and injury to persons or exposure to excessive microwave energy:

- Read all instructions before using the appliance.
- Read and follow the specific "PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY" on page 4.
- This appliance must be grounded. Connect only to properly grounded outlet. See "GROUNDING INSTRUCTIONS" on page 5.
- Install or locate this appliance only in accordance with the provided installation instructions.
- Some products such as whole eggs and sealed containers -for example, closed glass jars- are able to explode and should not be heated in this oven.
- 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.
- HOT CONTENTS CAN CAUSE SEVERE BURNS. DO NOT ALLOW CHILDREN TO USE THE MICROWAVE. Use caution when removing hot items.
- To reduce the risk of fire in the oven cavity:
 - Do not overcook food. Carefully attend appliance when paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.
 - Remove wire twist-ties from paper or plastic bags before placing bag in oven.
 - If materials inside the oven should ignite, keep oven door closed, turn oven off, and disconnect the power cord or shut off power at the fuse or circuit breaker panel.
 - Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils or food in the cavity when not in use.
- Liquids, such as water, coffee, or tea can be overheated beyond the boiling point without appearing to be boiling due to surface tension of the liquid. Visible bubbling or boiling when the container is removed from the microwave oven is not always present. THIS COULD RESULT IN VERY HOT LIQUIDS SUDDENLY BOILING OVER WHEN A SPOON OR OTHER UTENSIL IS INSERTED INTO THE LIQUID. To reduce the risk of injury to person:
 - Do not overheat the liquid.
 - Stir the liquid both before and halfway through heating it.
 - Do not use straight-sided containers with narrow necks.
 - After heating, allow the container to stand in the microwave oven for a short time before removing the container.
 - Use extreme care when inserting a spoon or other utensil into the container.
- Do not heat oil or fat for deep-frying. It is difficult to control the temperature of oil in microwave oven.
- Pierce foods with heavy skins such as potatoes, whole squash, apples and chestnuts before cooking.
- 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.
- Cooking utensils may become hot because of heat transferred from the heated food. Potholders may be needed to handle the utensil.
- Do not cover or block any openings on the appliance.
- Do not store or use this appliance outdoors. Do not use this product near water, for example, near a kitchen sink, in a wet basement, near a swimming pool, or similar locations.
- Do not operate this appliance if it has a damaged cord or a plug, if it is not working properly or if it

has been damaged or dropped.

- Do not immerse cord or plug in water. Keep cord away from heated surface. Do not let cord hang over edge of table or counter.
- Use only thermometers, which are specifically designed for use in microwave ovens.
- Do not operate any heating or cooking appliance beneath this appliance.
- Be certain the glass tray and roller rings are in place when you operate the oven
- This appliance should be serviced only by qualified service personnel, contact nearest authorized service facility for examination, repair, or adjustment.
- When cleaning surfaces of door and oven that comes together on closing the door, use only mild, nonabrasive soaps, or detergents applied with a sponge or soft cloth.
- VENTILATING HOODS
 - Clean Ventilating Hoods Frequently-Grease should not be allowed to accumulate on hood or filter.
 - When flaming foods under the hood, turn the fan on.
- Use care when cleaning the vent-hood filter. Corrosive cleaning agents, such as lye-based oven cleaners, may damage the filter.
- Suitable for use above both gas and electric cooking equipment.
- Do not operate any heating or cooking appliance beneath the appliance.
- Do not mount unit over or near any portion of heating or cooking appliance.
- Do not mount over sink.
- Oversized food or oversized metal utensils should not be inserted in a microwave/toaster oven as they may create a fire or risk of electric shock.
- Do not clean with metal scouring pads. Pieces can burn off the pad and touch electrical parts involving a risk of electric shock.
- Do not use paper products when appliance is operated in the toaster mode.
- Do not store any materials, other than manufacturer's recommended accessories, in this oven when not in use.
- Do not cover racks or any other part of the oven with metal foil. This will cause overheating of the oven.
- As with any appliance, close supervision is necessary when the microwave oven is used by children.
- If material inside of the oven should ignite, the oven door should be kept closed, the appliance turned off, the power cord disconnected, or the power shut off at the fuse or circuit breaker panel.
- Do not store anything directly on top of the appliance surface when the appliance is in operation.
- This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.

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 defeat 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.

UNPACKING INSTRUCTIONS

Unpacking and Examining Your Oven

Carefully remove oven from carton. SAVE THE CARTON AS IT MAY MAKE INSTALLATION EASIER.

Remove:

1. All packing materials from inside the oven cavity; however, DO NOT REMOVE THE WAVEGUIDE COVER, which is located on the right side in the oven cavity. Check to see that there are Installation Instructions, Wall Template, Top Cabinet Template, bag of Installation Hardware, Charcoal Filter and Exhaust Damper Assembly. Read enclosures and SAVE the Owner's Instructions.
2. The feature sticker from the outside of the door, if there is one.

Check the oven for any damage, such as misaligned or bent door, damaged door seals and sealing surfaces, broken or loose door hinges and latches and dents inside the cavity or on the door. If there is any damage, do not operate the oven and contact your dealer.

See Installation Instruction for more details.

GROUNDING INSTRUCTIONS

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.

WARNING- Improper use of the grounding plug can result in a risk of electric shock.

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 that has a 3-blade grounding plug, and a 3-slot receptacle that will accept the plug on the appliance. The marked rating of the extension cord shall be equal to or greater than the electrical rating of the appliance.

Electrical Requirements

The electrical requirements are a 120 volt 60 Hz, AC only, 20 amp. It is recommended that a separate circuit serving only the oven be provided. The oven is equipped with a 3-prong grounding plug. It must be plugged into a wall receptacle that is properly installed and grounded.

Power Supply Cord

1. A short power supply cord is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord.
2. Longer cord sets or extension cords are available and may be used if care is exercised in their use.
3. If long cord or extension cord is used:
 - a) The marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance.
 - b) The extension cord must be a grounding-type 3-wire cord, and The longer cord should be arranged so that it will not drape over the counter top or table top where it can be pulled on by children or tripped over unintentionally.

NOTES:

1. If you have any questions about the grounding or electrical instructions, consult a qualified electrician or service person.
2. Neither manufactory nor the dealer can accept any liability for damage to the oven or personal injury resulting from failure to observe the electrical connection procedures.

Radio or TV Interference

Should there be any interference caused by the microwave oven to your radio or TV, check that the microwave oven is on a different circuit, relocate the radio or TV as far away from the oven as feasible or check position and signal of receiving antenna.

This equipment has been tested and found to comply with Part 18 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

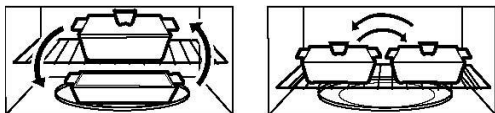
CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the product.

INFORMATION YOU NEED TO KNOW

ABOUT YOUR OVEN

NEVER use the oven without the turntable and support nor turn the turntable over so that a large dish could be placed in the oven. The turntable will turn both clockwise and anticlockwise.

The shelf gives you the option to reheat more than one dish of food at the same time. To reheat on 2 levels:



- Switch places after $\frac{1}{2}$ the time.
- Make sure the shelf is positioned properly inside the microwave to prevent damage to the oven from arcing.
- Do not use a microwave browning dish on the shelf. The shelf could overheat.
- Do not use the oven with the shelf on the microwave floor. This could damage the microwave.
- Use pot holders when handling the shelf-it may be hot.
- Do not use the shelf when cooking popcorn.

ALWAYS have food in the oven when it is on to absorb the microwave energy.

When using the oven at power levels below 100%, you may hear the magnetron cycling on and off.

Condensation is a normal part of microwave cooking. Room humidity and the moisture in food will influence the amount of moisture that condenses in the oven. Generally, covered foods will not cause as much condensation as uncovered ones. Ventilation openings must not be blocked.

In using recipes or package directions, check food a minute or two before the minimum time and add time accordingly.

ABOUT MICROWAVE COOKING

Arrange food carefully. Place thickest areas towards outside of dish.

- Watch cooking time. Cook for the shortest amount of time indicated and add more as needed. Food severely overcooked can smoke or ignite.
- Cover foods while cooking. Check recipe or cookbook for suggestions: paper towels, wax paper, microwave plastic wrap or a lid. Covers prevent spattering and help foods to cook evenly.
- Shield with small flat pieces of aluminum foil any thin areas of meat or poultry to prevent overcooking before dense, thick areas are cooked thoroughly.
- Stir foods from outside to center of dish once or twice during cooking, if possible.
- Turn foods over once during microwaving to speed cooking of such foods as chicken and hamburgers. Large items like roasts must be turned over at least once.
- Rearrange foods such as meatballs halfway through cooking both from top to bottom and from the center of the dish to the outside.
- Add standing time. Remove food from oven and stir, if possible. Cover for standing time that allows the food to finish cooking without overcooking.
- Check for doneness. Look for signs indicating that cooking temperatures have been reached.
- Doneness signs include:
 - Food steams throughout, not just at edge.

- Center bottom of dish is very hot to the touch.
- Poultry thigh joints move easily.
- Meat and poultry show no pinkness.
- Fish is opaque and flakes easily with a fork.

ABOUT FOOD

FOOD	DO	DON'T
Eggs, sausages, fruits & vegetable	• Puncture egg yolks before cooking to prevent "explosion". • Pierce skins of potatoes, apples, squash, hot dogs and sausages so that steam escapes.	• Cook egg in shells. • Reheat whole eggs.
Popcorn	• Use specially bagged popcorn for the microwave oven. • Listen while popping corn for the popping to slow to 1 or 2 seconds or use special Popcorn pad.	• Pop popcorn in regular brown bags or glass bowls. • Exceed maximum time on popcorn package.
Baby food	• Transfer baby food to small dish and heat carefully, stirring often. Check temperature before serving. • Put nipples on bottles after heating and shake thoroughly. "Wrist" test before feeding.	• Heat disposable bottles. • Heat bottles with nipples on. • Heat baby food in original jars.
General	• Cut baked goods with filling after heating to release steam and avoid burns. • Stir liquids briskly before and after heating to avoid "eruption". • Use deep bowl, when cooking liquids or cereals, to prevent boilovers.	• Heat or cook in closed glass jars or airtight containers. • Can in the microwave as harmful bacteria may not be destroyed. • Deep fat fry. • Dry wood, gourds, herbs or wet papers.

ABOUT SAFETY

Check foods to see that they are cooked to the following recommended temperatures.

TEMP	FOOD
160°F	...for fresh pork, ground meat, boneless white poultry, fish, seafood, egg dishes and frozen prepared food.
165°F	...for leftover, ready-to-reheat refrigerated, and deli and carry-out "fresh" food.
170°F	...white meat of poultry.
180°F	...dark meat of poultry.

- To test for doneness, insert a meat thermometer in a thick or dense area away from fat of bone.

NEVER leave the thermometer in the food during cooking, unless it is approved for microwave oven use.

- **ALWAYS** use potholders to prevent burns when handling utensils that are in contact with hot food. Enough heat from the food can transfer through utensils to cause skin burns.
- Avoid steam burns by directing steam away from the face and hands. Slowly lift the farthest edge of a dish's covering and carefully open popcorn and oven cooking bags away from the face.
- Stay near the oven while it's in use and check cooking progress frequently so that there is no chance of overcooking food.
- **NEVER** use the cavity for storing cookbooks or other items.
- Select, store and handle food carefully to preserve its high quality and minimize the spread of food borne bacteria.
- Keep waveguide cover clean. Food residue can cause arcing and/or fires.
- Use care when removing items from the oven so that utensil, your clothes or accessories do not touch the safety door latches.

ABOUT UTENSILS AND COVERINGS

It is not necessary to buy all new cookware. Many pieces already in your kitchen can be used successfully in your new microwave oven. Make sure the utensil does not touch the interior walls during cooking.

Use these utensils for safe microwave cooking and reheating

- glass ceramic
- heat-resistant glass
- microwave-safe plastics
- paper plates
- microwave-safe pottery, stoneware and porcelain
- browning dish

These items can be used for short time reheating of foods that have little fat or sugar in them:

- wood, straw, wicker

DO NOT USE

- metal pans and bake ware
- dishes with metallic trim
- non-heat-resistant glass
- non-microwave-safe plastic
- recycled paper bags
- food storage bags
- metal twist-ties

Should you wish to check if a dish is safe for microwaving, place the empty dish in the oven and microwave on HIGH for 30 seconds. A dish which becomes very hot should not be used.

The following coverings are ideal:

- Paper towels are good for covering foods for reheating and absorbing fat while cooking bacon.
- Wax paper can be used for cooking and reheating.
- Plastic wrap that is specially marked for microwave use can be used for cooking and reheating. DO NOT allow plastic wrap to touch food. Vent so steam can escape.
- Lids that are microwave-safe are a good choice because heat is kept near the food to hasten

cooking.

- Oven cooking bags are good for large meats or foods that need tenderizing. DO NOT use metal twist ties. Remember to slit bag so steam can escape.

How to use aluminum foil in your microwave oven:

- Small flat pieces of aluminum foil placed smoothly on the food can be used to shield areas that are either defrosting or cooking too quickly.
- Foil should not come closer than one inch to any surface of the oven.

ACCESSORIES There are many microwave accessories available for purchase. Evaluate carefully before you purchase so that they meet your needs. A microwave-safe thermometer will assist you in determining correct doneness and assure you that foods have been cooked to safe temperatures. manufactory is not responsible for any damage to the oven when accessories are used

ABOUT CHILDREN AND THE MICROWAVE

- Children below the age of 7 should use the microwave oven with a supervising person very near to them. Between the ages of 7 and 12, the supervising person should be in the same room.
- The children must be able to reach the oven comfortably; if not, he/she should stand on a sturdy stool.
- At no time should anyone be allowed to lean or swing on the oven door.
- Children should be taught all safety precautions; use potholders, remove coverings carefully and pay special attention to packages that crisp food because they may be extra hot.
- Don't assume that because a child has mastered one cooking skill he/she can cook everything.
- Children need to learn that the microwave oven is not a toy.

SPECIFICATIONS

Power Supply		120V 60Hz Single phase
Microwave	Power Consumption	1500W(Microwave), 1350W(Grill), 1500W(Convection)
	Output Power	1000W
	Frequency	2450MHz
Outside Dimensions		16 ⁷ / ₈ "(H)×29 ⁷ / ₈ "(W)×16 ⁹ / ₁₆ "(D)
Cavity Dimensions		10 ⁹ / ₁₆ "(H)×21 ⁷ / ₁₆ "(W)×14 ¹ / ₈ "(D)
Oven Capacity		1.7 Cu.Ft.
Cooking Uniformity		Turntable
Weight		Approx. (net) 71.9lb

FEATURES DIAGRAM

1. Door Safety Lock System

2. Oven Window

3. Shaft

4. Roller Ring

5. Control Panel

6. Wave Guide

(Please do not remove the mica plate covering the wave guide)

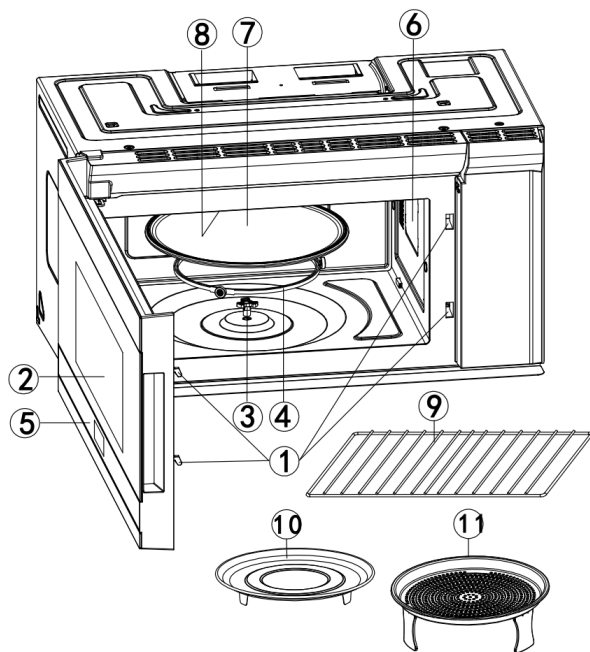
7. Glass Tray

8. Grill heater

9. Layer Metal Rack

10. Bake Tray

11. Air Fry Tray



CONTROL PANEL FEATURES

Your microwave oven control panel lets you select the desired cooking function quickly and easily. All you have to do is press the necessary command pad. The following is a list of all the command and number pads located on the control panel. For more information on these features, see the operation section.



1. **DISPLAY SCREEN.** The display includes a clock and indicators to tell you time of day, cooking time settings and cooking functions selected.
2. **AIR FRY.** Use the air fry function to cook food.
3. **CONV.** Press to set convection cooking program.
4. **GRILL.** Press to set grill cooking program.
5. **POWER LEVEL.** Press to set microwave cooking power level.
6. **TIMER.** Press to set timer function.
7. **CLOCK.** Press to set clock time.
8. **REHEAT.** Press to set reheating program.
9. **DEFROST TIME/WEIGHT.** Press to defrost food.
10. **Popcorn.** Press to cook popcorn.
11. **Soften Melt.** Press to soften and melt food.
12. **VENT 4 SPEED.** Press to change vent speed.
13. **LIGHT H/LO/OFF.** Press to set the controls of the light outside the oven.
14. **NUMBER BUTTONS.** Press to enter cooking time, power level, cooking temperature or weight, and you can set express cooking program by pressing 1~5 pad.
15. **ECO MODE.** Press to set power saving function.
16. **STOP CANCEL.** Press to stop the oven or set child lock.
17. **+ 30 SEC.** Press to add cooking time.
18. **START.** Press to start the oven.

BASIC CONTROLS

Learn about your microwave oven.

CAUTION

- To avoid risk of personal injury or property damage, do not operation the microwave oven empty.
- To avoid risk of personal injury or property damage, do not use stoneware, aluminum foil, metal utensils, or mental trimmed utensils in the microwave oven.

Function description:

- When the oven first plugged in, a "BE" will sound, the display will fully displayed for 3 seconds and then show "AM 12:00" (":" flashing).
- During setting, the system will return to standby mode if there is not any operation within 1 minute.
- During cooking, if press **STOP CANCEL** pad once, or open and close the door once, the program will be paused, then press **START** pad to resume, but if press **STOP CANCEL** pad twice, the program will be cancelled.
- After cooking ends, "END" is displayed and the system beeps to remind user every one minute for 3 minutes. Press **STOP CANCEL** pad or open and close the door once to return to standby mode.
- In the process of operation, press a valid button, the buzzer rings once, but if press a invalid button, the buzzer rings twice.

Setting the Clock

This is a 12- or 24- hour clock. You can choose to set the clock time in 12- or 24- hour cycle by pressing **CLOCK** button in standby mode.

Example: Suppose you want to set the clock for 5:00 pm in 12- hour clock.

1. In standby mode, press **CLOCK** pad once, "12 HOUR-ENTER TIME OF DAY" is displayed.
2. Press number pads to enter time. After 5 seconds of no operation, "PRESS CLOCK" will be displayed on the display screen to prompt the user to enter the next operation.
3. Press **CLOCK** pad to confirm. The display shows "SELECT 1-AM 2-PM"
4. Press number pads **"2"**. "PM 5:00" is displayed.

Example: Suppose you want to set the clock for 5:00 pm in 24- hour clock.

1. In standby mode, press **CLOCK** pad twice, "24 HOUR-ENTER TIME OF DAY" is displayed.
2. Press number pads to enter time. After 5 seconds of no operation, "PRESS CLOCK" will be displayed on the display screen to prompt the user to enter the next operation
3. Press **CLOCK** pad to confirm.

NOTE: When the input clock time exceeds the setting range, press **CLOCK** pad once, the clock will be cleared, the display screen will show "00:00", and an invalid sound will be prompted . During cooking, you can press **CLOCK** pad to check the current clock.

Setting Microwave cooking program

For microwave cooking, cooking power and time should be set. The longest cooking time you can set is 99 minutes and 99 seconds.

Use number pads choose cooking power level			
Number pad	Percent (Display)	Number pad	Percent (Display)
1、0	100% (PL:Hi)	4	40% (PL:40)
9	90% (PL:90)	3	30% (PL:30)
8	80% (PL:80)	2	20% (PL:20)
7	70% (PL:70)	1	10% (PL:10)
6	60% (PL:60)	0	0% (PL:00)
5	50% (PL:50)		

For example, suppose you want to cook at 80% power level for 10 minutes.

1. Press **POWER LEVEL** pad once. The display shows "ENTER COOKING TIME".
2. Use the number pads to enter cooking time. After 5 seconds of no operation, "PRESS START OR POWER LEVEL" is displayed on the display screen to prompt the user to start (start with 100% power) or enter the power level setting.
3. Press **POWER LEVEL** pad once, and then use the number pad "**8**" to select 80% power level. After 5 seconds of no operation, "PRESS START" is displayed on the display screen to prompt the user to start cooking.
4. Press **START** pad to start.

NOTE: During cooking, you can press **POWER LEVEL** to check the power level, and you can adjust the power level by pressing number pads when the display shows the power level.

Grill cooking

1. In standby mode, press **GRILL** pad once. The display shows "ENTER COOKING TIME".
2. Use the number pads to enter cooking time. The longest cooking time is 99 minutes and 99 seconds. After 5 seconds of no operation, "PRESS START" is displayed on the display screen to prompt the user to start
3. Press **START** pad to start.

Convection cooking

To cook with convection, press CONVECTION button once and then press the number button to enter the desired convection temperature. This oven has ten different cooking temperatures:

Press number	0	9	8	7	6	5	4	3	2	1
Temperature	450°F	425°F	400°F	375°F	350°F	325°F	300°F	250°F	200°F	175°F
Display	450F	425F	400F	375F	350F	325F	300F	250F	200F	175F

To preheat and cook with convection:

1. In standby mode, press **CONV** pad once. The display shows "SELECT TEMPERATURE".
2. Use the number pads to select temperature. After 5 seconds, "PRESS START OR CONV" is displayed on the display screen to prompt the user to enter the next operation.
3. Press **START** to start preheat. When the preheating reaches the temperature, the buzzer will sound "BE" 6 times, and the display screen will display "PREHEAT DONE, PLACE FOOD IN OVEN". If there is no operation, the prompt frequency is 30 seconds.
4. Open the oven door and put food in, the display screen shows "PLACE FOOD IN OVEN AND CLOSE

THE DOOR", prompting the user to proceed with the next operation.

5. Close the oven door, the display shows "ENTER COOKING TIME". Use the number pads to enter cooking time. The longest cooking time is 99 minutes and 99 seconds. After 5 seconds of no operation, the display screen displays "PRESS START" to prompt the user to start cooking.
6. Press **START** to start.

NOTE:

- The longest preheat time is 10 minutes and the time cannot be set. If the set temperature is not reached within 10 minutes, the preheating process will end. When the temperature reaches the preheat temperature, the countdown stop with sound every 6 seconds for 30 minutes. If you don't open the oven door within the 30 minutes, the system will stop automatically.
- During cooking, you can check the cooking temperature by pressing **CONV** pad.

To cook with convection:

1. In standby mode, press **CONV** pad once. The display shows "SELECT TEMPERATURE".
2. Use the number pads to select temperature. After 5 seconds, "PRESS START OR CONV" is displayed on the display screen to prompt the user to enter the next operation.
3. Press **CONV** pad once. The display screen will display "ENTER COOKING TIME".
4. Use the number pads to enter cooking time. The longest cooking time is 99 minutes and, 99 seconds. After 5 seconds of no operation, the display screen displays "PRESS START" to prompt the user to start cooking.
5. Press **START** to start.

SYSTEM SETUP

Light Control

This feature is designed for the convenience of doing things outside the oven. To turn on the light at the bottom of the oven, press **LIGHT H/LO/OFF** pad:

Press LIGHT H/LO/OFF pad.	Working Mode
Press LIGHT H/LO/OFF pad once when the oven light is off.	HIGH
Press LIGHT H/LO/OFF pad once when the oven light is in "HIGH" gear.	LOW
Press LIGHT H/LO/OFF pad once when the oven light is in "LOW" gear.	OFF

Vent Fan Control

Your oven can be used as a range hood. When it is turned on, the fan motor starts filtering out smoke, odors, and grease generated from cooking.

In standby mode, the vent fan is manual control. Press **Vent 4 Speed** pad to select the vent speed.

Press Vent 4 Speed pad	Working Mode
Once	BOOST
Twice	HIGH
3 times	MEDIUM
4 times	LOW
5 times	OFF

NOTE:

- When the boost gear is manually set, the microwave is started. For 0-12 minutes, the highest gear is the boost gear (can be switched OFF/LOW/MEDIUM/HIGH/BOOST gear). After 12 minutes, the Boost gear of the exhaust motor will switch to high gear (can be turned OFF/LOW/MEDIUM/HIGH gear). The exhaust motor's highest gear counter will accumulate for 12 minutes before switching to high gear. When switching to non highest gear or cooking pause, the timer will decrease to 0. If the counter has not reached 12 minutes, it can be manually switched to the highest gear. After returning to standby mode, the counter will reset to zero.
- The hot air working mode of the exhaust motor is to start the hot air when the exhaust motor is not started. The exhaust motor defaults to low gear (which can be switched between LOW/MEDIUM/HIGH gear, and automatically shuts off after a delay of 10 seconds in non cooking state); If the hot air is manually turned on after reaching the highest gear, the exhaust fan will automatically decrease to the HIGH gear (which can be switched between LOW/MEDIUM/HIGH gear).
- When the temperature sensor at the bottom of the furnace reaches 60 °C, if cooking is not started, the exhaust fan will automatically turn on the middle gear, and manual operation can cycle through: MEDIUM gear → BOOST gear → HIGH gear; If microwave cooking is started, the exhaust fan will automatically turn on high gear, and manual operation can cycle between: HIGH gear → BOOST gear; If the hot air is started, the exhaust fan will automatically turn on high gear and can only set the high gear wind speed.
- The working mode of the exhaust motor grill is to start the grill when the exhaust motor is not started. The exhaust motor defaults to low gear (Can be switched between low/medium/high gear, and automatically shuts off after a 10 second delay in non cooking state). If the grill is started manually after reaching the BOOST gear, the exhaust fan will automatically decrease to the high gear (which can be switched between low/medium/high gear).

Select Vented Exhaust Fan Direction

To ensure good cooking effect, the installer (or user) needs to set installation direction of the fan.

1. In standby mode and the exhaust fan is off, press and hold **"0"** for 3 seconds, the display will cycle show "SELECT VENTED EXHAUST FAN DIRECTION <1-UPWARD, 2-BACKWARD, 3-FORWARD >"
2. Press corresponding number pads according to the vented exhaust fan direction.
3. Press **START** pad to confirm. The system saves the installation direction and returns to standby mode.

NOTE: The factory default installation direction is upward.

SPECIAL FEATURES

Air Fry

1. In standby mode, press **AIR FRY** pad once. The display shows "ENTER FOOD TYPE CODE 1 TO 7".
2. Press the number pads 1~7 to select food type.
3. Press the number pads to select food weight. After 5 seconds without operation, "PRESS START" is displayed on the display screen to prompt the user to start cooking.
4. Press **START** to start preheat. When the preheating reaches the temperature, the buzzer will sound "BE" 6 times, and the display screen will display "PREHEAT DONE, PLACE FOOD IN OVEN". If there is no operation, the prompt frequency is 30 seconds.
5. Open the oven door and put food in, the display screen shows "PLACE FOOD IN OVEN AND CLOSE THE DOOR".
6. Close the oven door, the display screen displays "PRESS START" to prompt the user to start cooking. Press **START** to start.

Press number	Food Type	Press number	Weight
1	FRENCH FRIES	1	10 OZ
2	POPCORN CHICKEN	1	8 OZ
		2	10 OZ
		3	12 OZ
		4	16 OZ
3	CHICKEN DRUMSTICKS	1	8 OZ
		2	12 OZ
		3	16 OZ
		4	20 OZ
		5	24 OZ
4	CHICKEN WINGS	1	8 OZ
		2	12 OZ
		3	16 OZ
		4	20 OZ
5	ONION RINGS	1	10 OZ
6	CHICKEN NUGGETS	1	8 OZ
		2	10 OZ
		3	12 OZ
		4	14 OZ
7	MOZZARELLA STICKS	1	6 OZ
		2	8 OZ
		3	10 OZ
		4	12 OZ
		5	14 OZ
		6	16 OZ

NOTE: The longest preheating time is 10:00. When the preheating temperature or the longest time is reached, the preheating ends.

For others food:

1. In standby mode, press **AIR FRY** pad twice. The display shows "SELECT TEMPERATURE".
2. Use the number pads to select temperature. After 5 seconds, "PRESS AIR FRY" is displayed on the display screen to prompt the user to enter the next operation.
3. Press **AIR FRY** pad once.
4. Use the number pads to enter cooking time. The longest cooking time is 99 minutes and, 99 seconds. After 5 seconds of no operation, the display screen displays "PRESS START" to prompt the user to start cooking.
5. Press **START** to start preheat. When the preheating reaches the temperature, the buzzer will sound "BE" 6 times, and the display screen will display "PREHEAT DONE, PLACE FOOD IN OVEN". If there is no operation, the prompt frequency is 30 seconds.
6. Open the oven door and put food in, the display screen shows "PLACE FOOD IN OVEN AND CLOSE THE DOOR".
7. Close the oven door, the display shows cooking time. After 5 seconds, the display screen displays "PRESS START" to prompt the user to start cooking.
8. Press **START** to start.

Popcorn

1. In standby mode, press **Popcorn** pad once, the display shows "PRESS 1-3 OZ 2-3.5 OZ".
2. Press number pad **1** or **2** to select food weight. After 5 seconds without operation, "PRESS START" is displayed on the display screen to prompt the user to start cooking.
3. Press **START** pad to start cooking.

Soften/Melt

1. In standby mode, press **SOFTEN MELT** pad once, the display shows "PRESS 1-SOFTEN BUTTER 2-MELT BUTTER 3-SOFTEN ICE CREAM 4-SOFTEN CHEESE".
2. Press number pad **1, 2, 3** or **4** to choose food type.
3. Press number pad **1** or **2** to select food weight.
4. Press **START** pad to start cooking.

Press number	Food Type	Press number	Weight
1	SOFTEN BUTTER	1	1 STICK
		2	2 STICKS
2	MELT BUTTER	1	1 STICK
		2	2 STICKS
3	SOFTEN ICE CREAM	1	4 OZ
		2	8 OZ
4	SOFTEN CHEESE	1	4 OZ
		2	8 OZ

Reheat

1. In standby mode, press **REHEAT** pad once. The display shows "PRESS 1-7 OZ 2-11 OZ 3-14 OZ 4-18 OZ 5-21 OZ 6-25 OZ 7-28 OZ".
2. Press the number pads 1~7 to select food weight. After 5 seconds without operation, "PRESS

START" is displayed on the display screen to prompt the user to start cooking.

3. Press **START** to start.

Function	Press number	Weight
REHEAT	1	7 OZ
	2	11 OZ
	3	14 OZ
	4	18 OZ
	5	21 OZ
	6	25 OZ
	7	28 OZ

Time Defrost

If the food weight is exceed the maximum weight recommended, you need to defrost manually.

Suppose you want to defrost ground meat (12:34).

1. In standby mode, press **DEFROST TIME/WEIGHT** pad once, "ENTER DEFROST TIME" is displayed.
2. Press number pads **1, 2, 3** and **4**. After 5 seconds without operation, "PRESS START" is displayed on the display screen to prompt the user to start cooking.
3. Press **START** pad to start.

NOTE:

- The longest defrosting time you can set is 99 minutes and 99 seconds.
- During defrost, the oven beeps and pause to turn the food over, after that, press **START** pad to resume.
- Please remember to place the food on a microwave-safe dish not in a plastic container.

Weight Defrost

The oven allows you to defrost food based on the weight entered by user. The defrosting time and power level are automatically set once the food weight is programmed. The frozen food weight ranges is 1-96 oz.

Suppose you want to defrost ground meat (50 oz.).

1. In standby mode, press **DEFROST TIME/WEIGHT** pad twice. "ENTER WEIGHT OZ" is displayed.
2. Press number pads **5** and **0** to enter weight. After 5 seconds without operation, "PRESS START" is displayed on the display screen to prompt the user to start cooking.
3. Press **START** pad to confirm.

NOTE:

- During defrosting, the oven beeps and pause to remind user to turn the food over, after that, press **START** pad to resume.
- After the last stage, small sections may still be icy. Let stand to continue defrosting.
- Use small smooth strips of aluminum foil to cover edges and thinner sections of the food.

OTHER CONVENIENT FEATURES

Add 30 seconds function

During cooking (Except convection with preheat, air fry menus, auto cook menus and defrost function), you can add cooking time by pressing **+30 SEC** pad. Each press to increase 30 seconds , and up to 99 minutes and 99 seconds.

Express Cooking

In standby mode, press the number pads from 1 to 5. Directly in standby mode, when you press a number pad (**1, 2, 3, 4** or **5**) once, The system starts the cooking program directly with the corresponding time (respectively 1 minute, 2 minutes, 3 minutes, 4 minutes and 5 minutes). The microwave oven will start to cook at full power level.

Setting the Timer

1. In standby mode, press **TIMER** pad once, "ENTER KITCHEN TIMER" is displayed.
2. Use number pad to set desired time. The longest time is 99 minutes and 99 seconds. After 5 seconds of no operation, "PRESS START" will be displayed on the display screen to prompt the user to enter the next operation.
3. Press **START** pad.

NOTE:

- After the timing is over, 3 "BE" will sound. Time countdown can be seen in display for 5 seconds by pressing **TIMER** button and then you can cancel the program by pressing **STOP CANCEL** button when the display shows the time.
- In standby mode, start the timing function, the display screen will always show the countdown, at this time, you can still press other buttons for corresponding settings

Power saving function

To enter power saving mode: In standby mode, press **ECO MODE** button once, a beep will sound and the display screen shows "ECO ON" and turns off after 1 second. The system will enter the power saving mode.

To exit: In power saving mode, press **ECO MODE** button once, a beep will sound and the display screen shows "ECO OFF", the system will turn off power saving function.

NOTE: In power saving mode, press any pad, or open and close the door once, the buzzer will beep once, the display screen will wake up and resume display, and other pads can still be pressed to make corresponding settings. If there is no operation for 10 seconds while the display screen is awake, the system will enter power saving mode automatically.

Child Lock

Use to prevent unsupervised operation of the oven by children.

To set: In standby mode, press and hold **STOP CANCEL** pad for 3 seconds, a "BE" will sound and the display screen will show "LOCK", the oven will auto enter child lock mode. In the lock state, all buttons are disabled.

To cancel: Press and hold **STOP CANCEL** pad for 3 seconds, a "BE" will sound and the "LOCK" will go off.

Button Adhesion Protection

In any state, if any button on the control panel is adhesion for 60 seconds, the program stops working immediately, the display shows "FAIL" and a "BE-" will sound. If the button is adhesion all the time, a "BE-" will sound every one minute. Any button is invalid at this time. After troubleshooting, press **STOP CANCEL** button to return standby mode.

Automatic Protection Mechanism

OVERHEATING PROTECTION: When cavity temperature sensor over 250°C, the digital display shows "E-01" and buzzer makes alarm sound. After troubleshooting, press **STOP CANCEL** button, the system comes back to normal standby mode.

LOW TEMPERATURE PROTECTION: The system operates continuously for 10 minutes, and the cavity temperature sensor is less than 40°C, the digital display shows "E-02" and buzzer makes alarm sound. After troubleshooting, press **STOP CANCEL** button, the system comes back to normal standby mode.

SENSOR MALFUNCTION PROTECTION

The system enters into protection mode when the system sensor is short circuited or open circuited. The display shows "E-03" or "E-04" and buzzer makes alarm sound. After pressing **STOP CANCEL**, the system comes back to normal standby mode.

CLEAR AND CARE

Exterior

The outside surface is pre-coated steel and plastic. Clean the outside with mild soap and water; rinse and dry with a soft cloth. Do not use any type of household or abrasive cleaner.

Door

Wipe the window on both sides with a damp cloth to remove any spills or spatters. Metal parts will be easier to maintain if wiped frequently with a damp cloth. Avoid the use of spray and other harsh cleaners as they may stain, streak or dull the door surface.

Control Panel

Care should be taken in cleaning the control panel. If the control panel becomes soiled, open the oven door before cleaning. Wipe the panel with a cloth dampened slightly with water only. Dry with a soft cloth. Do not scrub or use any sort of chemical cleaners. Close door and press **STOP CANCEL**.

Interior

Cleaning is easy because little heat is generated to the interior surfaces; therefore, there is no baking and setting of spills or spattering. To clean the interior surfaces, wipe with a soft cloth and warm water. **DO NOT USE ABRASIVE OR HARSH CLEANERS OR SCOURING PADS.** For heavier soil, use baking soda or a mild soap; rinse thoroughly with hot water.

Waveguide Cover

The waveguide cover is located on the right side in the oven cavity. It is made from mica so requires special care. Keep the waveguide cover clean to assure good oven performance. Carefully wipe with a damp cloth any food spatters from the surface of the cover immediately after they occur. Built-up splashes may overheat and cause smoke or possibly catch fire. **DO NOT REMOVE THE WAVEGUIDE COVER.**

Vent Fan

The vent will automatically start when heat rises from range surface units or burners. This protects the microwave oven from excessive temperature rise. The vent fan will stay on until the temperature decrease. It cannot be turned off manually during this time.

Odor Removal

Occasionally, a cooking odor may remain in the oven. To remove, combine 1 cup water, grated peel and juice of 1 lemon and several whole cloves in a 2-cup glass measuring cup. Boil for several minutes using 100% power level. Allow to set in oven until cool. Wipe interior with a soft cloth.

Turntable/Turntable Support

The turntable and turntable support can be removed for easy cleaning. Wash them in mild, sudsy water; for stubborn stains use a mild cleanser and non-abrasive scouring sponge as described above. They are also dishwasher-proof. Use upper rack of dishwasher. The turntable motor shaft is not sealed, so excess water or spills should be wiped up immediately.

Grease Filters

Filters should be cleaned at least once a month. Never operate the vent fan or oven without the filters in place.

Pull down slightly on the tab toward the front of the oven and remove the filter. Repeat for the other

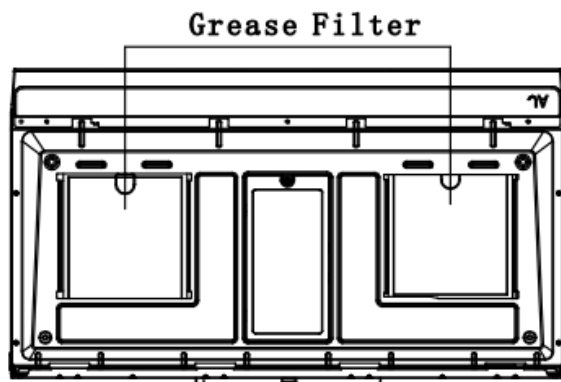
filter.

Soak the filter in a sink or dish pan filled with hot water and detergent. DO NOT use ammonia or other alkali; they will react with the filter material and darken it.

Agitate and scrub with a brush to remove embedded dirt.

Rinse thoroughly and shake dry.

Replace by fitting the filter back into the opening.



Light

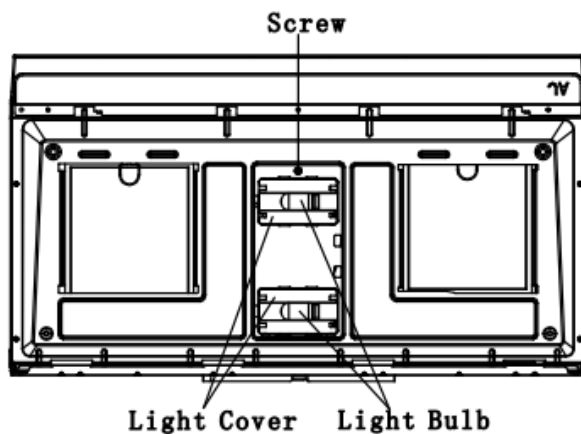
To replace light bulbs, first disconnect power to the oven at the circuit breaker panel or by unplugging.

To release cover, remove the screw on the light cover. (See illustration.)

DO NOT USE A BULB LARGER THAN 1.5 WATTS.

Close light cover and secure with screw removed in step 2.

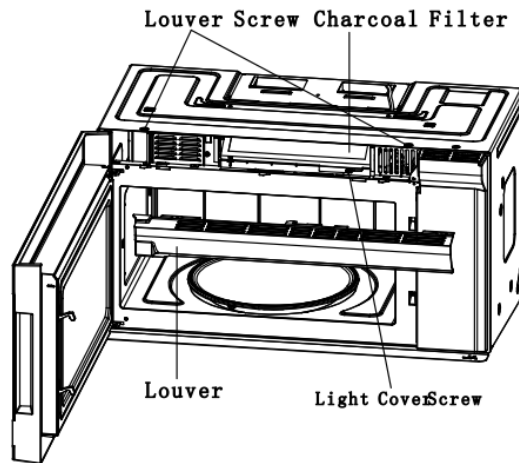
CAUTION: Light cover may become very hot. Do not touch glass when light is on.



Charcoal Filter

Charcoal filter is used for nonvented, recirculated installation. The filter should be changed every 6 to 12 months depending on use.

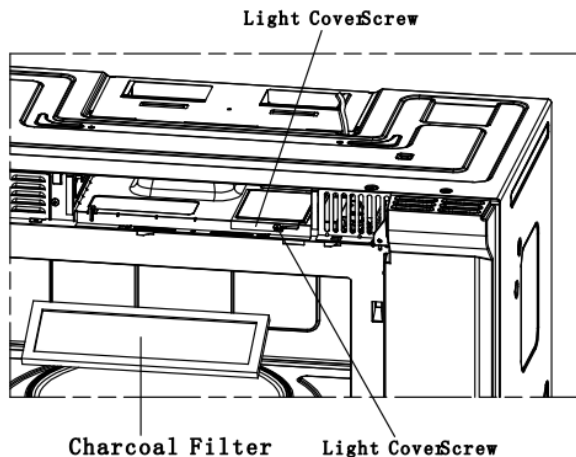
- Disconnect power to the oven at the circuit breaker panel or by unplugging.
- Remove the louver mounting screw from the top center of the louver and push down carefully on the tab at each end of the louver to disengage it. (See illustration.)
- Pull the louver to the left away from the machine
- Change the charcoal filter.
- Carefully push the louver back into place and replace the screw remove in step 2.



Oven Light

Remove the louver per instructions 1~3 above and charcoal filter, if used.

- Open light cover located behind filter mounting by carefully pulling up on the front edge.



- DO NOT USE LED BULB LARGER THAN 1.5 WATT.
- Replace the oven light cover by carefully pushing into place. Replace the charcoal filter, if used. Push the louver back into place and replace the louver mounting screw.