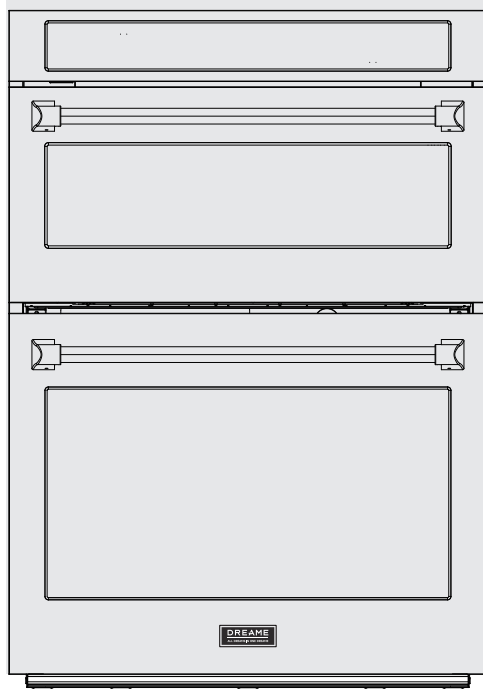


Microwave Oven Combination

User Manual

Model: OL45141-OZ601PMSNA



Dreame OZ601 Pro Microwave Oven Combination

Please read this manual carefully before using the product and keep it for future reference.

DREAME

CONTENTS

SAFETY AND WARNINGS	5
READ ALL INSTRUCTIONS BEFORE USE	5
Precautions to Avoid Possible Exposure to Excessive Microwave Energy	5
Safety Messages	5
WARNING	5
Technical Safety	6
Installation	7
Operation	8
Maintenance	9
Risk of Fire and Flammable Materials	9
Microwave Oven	10
CAUTION	10
Operation	10
Maintenance	11
 PRODUCT OVERVIEW	 12
Product Features	12
Exterior / Interior	12
Accessories	12
 OPERATION	 14
Operating Control Panel	14
Parameter Adjustment	15
Cooling Fan	15
Energy Saving Tips	15
Setting The Clock	15
Heating up the oven	15
Setting The Oven	15
Operating the Upper Microwave Oven	18
Microwave Cookware Guide	18
Cooking Tips	19
Cooking Mode	21
Soften/Melt	21
Sensor Cook	22
Sensor Reheat	23
Defrost	23
Popcorn	25
Beverage Center	25
Conv Mode	26
Air Fry	27
Broil	27
Other Settings	27
Power Levels	27

CONTENTS

Cook Time	28
START/+30 sec	28
Update Temperature	29
Update Cooking Time	29
Update Power Level	29
Heating Food	29
Operating the Lower Oven	30
General Operation LogicApplies to Most Functions	30
Specific Functions (Key Details Only)	30
Bake	30
Conv Bake (Convection Bake)	30
Conv Roast	30
Pizza	31
Air Fry	31
Broil	31
Keep Warm	31
Proof (Dough Fermentation)	32
Delay start (scheduled Cooking)	32
Oven Food Probe (Only for Bake/Conv Bake/Conv Roast)	32
Clean	32
 MAINTENANCE	 33
Care And Cleaning	33
Cleaning Agents	34
Cleaning And Maintenance	34
Cleaning Guide	34
Replacing Oven Cavity Light Bulb	35
 TROUBLESHOOTING	 36
FAQs	36
Upper Oven Error Code	39
Lower Oven Error Code	40
 Warranty Terms	 41
Warranty Terms	42

1.SAFETY AND WARNINGS

READ ALL INSTRUCTIONS BEFORE USE

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.

Safety Messages

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and follow all safety messages.



This is the safety alerts symbol.

This symbol alerts you to potential hazards that can kill or injure you and others. All safety messages will follow the safety alert symbol and either the word WARNING or CAUTION.

These words mean:



WARNING

You may be killed or seriously injured if you do not follow instructions.



CAUTION

You may be injured or cause damage to the product if you do not follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what may happen if the instructions are not followed.

WARNING



WARNING

- To reduce the risk of explosion, fire, death, electric shock, injury or scalding to persons when using this product, follow basic precautions, including the following:

1.SAFETY AND WARNINGS

Technical Safety

- To reduce the risk of burns, electric shock, fire, injury to persons or exposure to excessive microwave energy when using the microwave oven, read all instructions before using the appliance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- Children must not be allowed to play with accessories or hang down from the door or any part of the oven. Doing so can cause serious injury and damage. As with any appliance, close supervision is necessary when used by children.
- Read and follow the Precautions to Avoid Possible Exposure to Excessive Microwave Energy.
- This appliance must be grounded. Connect only to a properly grounded outlet. See the Electrical Requirements section.
- 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 - can explode and should not be heated in this oven.
- Use this appliance only for its intended use as described in the manual. Do not use corrosive chemicals or vapors, such as sulfide and chloride, 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.
- This appliance should be serviced only by qualified service personnel. Contact the nearest authorized service facility for examination, repair, or adjustment.
- Do not cover or block any openings on the appliance.
- Do not store 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 location.
- To avoid electric shock:
 - Do not operate this appliance if it has a damaged cord or plug, if it is not working properly or if it has been damaged or dropped.
 - Do not immerse the electrical cord or plug in water. Keep cord away from heated surfaces.
 - Do not let cord hang over edge of table or counter.
- When cleaning surfaces of door and oven that come together on closing the door, use only mild, nonabrasive soaps or detergents applied with a sponge or soft cloth.
- DO NOT TOUCH HEATING ELEMENTS OR INTERIOR SURFACES OF MICROWAVE OVEN. During and after use or cleaning the Interior, do not touch other flammable materials contact heating elements or interior surfaces of microwave oven until they have had sufficient time to cool. Other surfaces, such as windows of microwave oven door, oven lamp, also get hot and may cause burns if not allowed to cool.
- To reduce the risk of fire in the oven cavity:
 - Do not overcook food. Carefully attend to the microwave oven when paper, plastic or other combustible materials are placed inside the oven to facilitate cooking.

1.SAFETY AND WARNINGS

- Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils or food in the cavity when not in use.
- Remove wire twist-ties from paper or plastic bags before placing bags in oven.
- If materials inside the oven ignite:
 - Keep oven door closed and turn the oven off.
 - Disconnect the power cord or shut off power at the fuse or circuit breaker panel.
- 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 THE CONTAINER IS DISTURBED OR A SPOON OR OTHER UTENSIL IS INSERTED INTO THE LIQUID.

To reduce the risk of injury to persons:

- Do not overheat the liquid. Stir the liquid both before and halfway through heating it.
- Do not use straight-sided containers with narrow necks. Use extreme care when inserting a spoon or other utensil into the container.
- After heating, allow the container to stand in the microwave oven for a short time before removing the container.
- Do not mount unit over or near any portion of a heating or cooking appliance.
- Do not mount over a sink.
- Do not store anything directly on top of the appliance surface when the appliance is in operation.

Installation

- Never allow anyone to climb, sit, stand or hang on the oven door. Injury might result from contact with hot food or the oven itself.
- Do not line the oven walls, racks, bottom, or any other part of the oven with aluminum foil or any other material. Doing so will disrupt heat distribution, produce poor baking results and cause permanent damage to the oven interior. (Aluminum foil will melt on the interior surface of the oven.)
- Do not use aluminum foil or any other material to line the oven bottom. Improper installation of oven liners may result in a risk of electric shock or fire.
- Make sure your appliance is properly installed and grounded by a qualified installer, according to the installation instructions. Any adjustment and service should be performed only by qualified installers or service technicians.
- Be certain that all packing materials are removed from the appliance before operating. Keep plastic, clothes, paper, and other flammable materials away from parts of the appliance that may become hot.
- The electrical power must be shut off while the electrical connections are being made.
- Improper connection of aluminum house wiring to copper leads can result in an electrical hazard or fire. Use only connectors designed for joining copper to aluminum and follow the manufacturer's recommended procedure closely.

Important – Save for the local electrical inspector's use.

1.SAFETY AND WARNINGS

Operation

- **DO NOT TOUCH HEATING ELEMENTS OR INTERIOR SURFACES OF OVEN.** Heating elements may be hot even though they are dark in color. Interior surfaces of an oven become hot enough to cause burns. During and after use, do not touch or let clothing or other flammable materials contact heating elements or interior surfaces of oven until they have had sufficient time to cool. Other surfaces, such as oven vent openings and surfaces near these openings, oven doors, and windows of oven doors, also get hot and may cause burns if not allowed to cool.

- Use care when opening door. The hot air and steam that escape can cause burns to hands, face and eyes.
- Let hot air or steam escape from the oven before removing or replacing food in the oven.
- Do not use plastic to cover food. Use foil or oven-safe lids only.
- Never attempt to dry a pet in the oven.
- Never use your appliance for warming or heating the room.

Always use pot holders or oven mitts when removing food from an oven or cooktop. Cookware will be hot. Use only dry pot holders. Moist or damp pot holders on hot surfaces may result in burns from steam.

- Do not let the pot holder touch hot heating elements. Do not use a towel or other bulky cloth to remove food.
- Do not heat unopened food containers. Pressure in the containers may cause them to burst which may result in injury.
- Do not allow aluminum foil or the temperature probe to contact heating elements.
Do not touch the oven racks while they are hot.
- Only arrange oven racks when the oven is cool. If a rack must be moved while the oven is hot, do not let the pot holder contact the hot heating element in the oven.
- Pull the oven rack to the stop-lock position when loading and unloading food from the oven. This helps prevent burns caused by touching hot surfaces of the door and oven walls.
Do not use the oven if a heating element develops a glowing spot during use or shows other signs of damage. A glowing spot indicates the heating element may fail and present a potential burn, fire, or shock hazard. Turn the oven off immediately and have the heating element replaced by a qualified service technician.
- Do not leave children alone or unsupervised near the appliance when it is in use or is still hot. Children should never be allowed to sit or stand on any part of the appliance as they could be injured or burned. **DO NOT** block the oven vent during operation. This can damage the electric parts of the oven. Air must be able to move freely. The bottom vent trim should be properly assembled on the front bottom of oven before installing the oven door.
- Do not put large, heavy items such as whole turkeys on the open oven door.
- Take care when the door is open to avoid injury.
Take care when the door is open to avoid injury.
- If the door or door seals are damaged, the oven must not be operated until it has been repaired by a competent person.
- Do not allow children to crawl into the oven.
- Do not put your hand under the controller or between the door and bottom vent trim during operation. The outside of the oven can become very hot to the touch.

1.SAFETY AND WARNINGS

Maintenance

- Let hot cookware and utensils cool in a safe place, out of reach of small children.
- If the door glass, surface, or oven heating unit of the appliance are damaged, discontinue use of the appliance and call for service.
- Always disconnect power from the appliance before servicing.
- Before replacing the oven light, switch off the electrical power to the oven at the main fuse or circuit breaker panel.
- Never pour cold water over a hot oven for cleaning purposes.
- Oversized food or oversized metal cookware 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 causing a risk of electric shock.
- 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.
- If the self-cleaning mode malfunction light goes on, or if the audible signal sounds, turn off or disconnect the appliance from the power supply and have it serviced by a qualified technician.
- If the oven is heavily soiled with oil, self-clean the oven before using the oven again. The oil could cause a fire.
- If there is a fire in the oven during self-clean, turn the oven off and wait for the fire to go out. Do not force the door open. Introduction of fresh air at self-cleaning temperatures may lead to a burst of flame from the oven. Failure to follow this instruction may result in severe burns.
- If your oven is dropped or damaged, have it thoroughly checked by a qualified service technician before using it.

Risk of Fire and Flammable Materials

- Do not store or use flammable material in or near the oven. Flammable materials include paper, plastic, pot holders, linens, wall coverings, curtains, and gasoline or other flammable vapors and liquids such as grease or cooking oil. These materials can be ignited when the oven is in use.
- Use extreme caution when moving or disposing of hot grease.
- Wear proper apparel. Do not wear loose-fitting or hanging garments, which may ignite if they contact hot surfaces, and cause severe burns.
- Do not use the oven for drying clothes. Only use the oven for its intended purpose.

1.SAFETY AND WARNINGS

- If cabinet storage is provided directly above the oven, use it to store items that are not frequently used and can be safely stored in an area subjected to heat. Temperatures may be unsafe for volatile items such as flammable liquids, cleaners or aerosol sprays.
- Do not use water on grease fires. Should an oven fire occur, leave the oven door closed and turn the oven off. If the fire continues, throw baking soda on the fire or use a fire extinguisher. Do not put water or flour on the fire. Flour may be explosive and water can spread a grease fire and cause personal injury.

Microwave Oven

- The oven must be installed following the provided installation instructions.
- Secure the cord in the cabinet above the oven.
- Preserve the oven floor:
 - Do not heat the oven floor excessively.
 - Do not cook anything directly on the oven floor or turntable. Use a microwavable dish.
- Do not heat any type of baby bottle or baby food. Uneven heating may occur and possibly cause personal injury.
- Do not deep-fat fry in the oven.
- Do not attempt home canning in the microwave oven.
- Do not use cylindrical-shaped containers.
- In all containers, for best results, stir the liquid several times before heating. Always stir liquid several times between reheatings.
- Place food directly on the trays when cooking unless prompted by the oven to do otherwise.

CAUTION



- To reduce the risk of minor injury to persons, malfunction, or damage to the product or property when using this product, follow basic precautions, including the following:

Operation

- Always heat fat slowly, and watch as it heats.
- If frying combinations of oils and fats, stir them together before heating.
- Use a deep fat thermometer, if possible, to prevent overheating fat beyond the smoking point.
- Use the least possible amount of fat for effective shallow or deep-fat frying. Filling the pan with too much fat can cause spillovers when food is added.
- Accessible parts may become hot when the grill is in use.
- Do not place food or cookware on the bottom of the oven cavity. Doing so will cause permanent damage to the oven bottom finish.
- When using cooking or roasting bags in the oven, follow the manufacturer's directions.

1.SAFETY AND WARNINGS

- To protect against food-borne illnesses, cook meat and poultry thoroughly. The USDA has indicated the following as safe minimum internal temperatures for consumption:
 - Ground beef: 160 °F (71 °C)
 - Poultry: 165 °F (74 °C)
 - Beef, veal, pork, or lamb: 145 °F (63 °C)
 - Fish/seafood: 145 °F (63 °C)
- Do not use this oven for commercial purposes. It is made for household use only.
- The door or the outer surface may get hot when the appliance is operating.
- Do not use this oven for purposes other than cooking.
- Use caution if opening the door when the oven is operating. Hot surfaces can cause serious burns.

Maintenance

- Do not repair or replace any part of the appliance unless specifically recommended in the manual. All other servicing should be performed by a qualified technician.
- Do not use harsh, etching, abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface. Scratches may cause the glass to shatter.
- Make sure oven lights are cool before cleaning.
- Do not clean the door gasket. The door gasket is essential for a good seal. Care should be taken not to rub, damage, or move the gasket.
- Never keep pet birds in the kitchen. The health of birds is extremely sensitive to the fumes released during an oven self-clean cycle. Fumes may be harmful or fatal to birds. Move birds to a well-ventilated room.
- Do not rinse trays and racks by placing them in water just after cooking. This may cause breakage or damage.
- The oven should be cleaned regularly and any food deposits should be removed. Failure to maintain the oven in a clean condition could lead to deterioration of the surface that could shorten the life of the appliance and possibly result in a hazardous situation.
- Clean in the self-clean cycle only parts listed in this manual. Before self-cleaning the oven, remove the broiler pan, all oven racks and any utensils or food from the oven.
- Do not store items of interest to children on the back guard or in cabinets above a cooking appliance. Children climbing on the oven to reach items could be seriously injured.

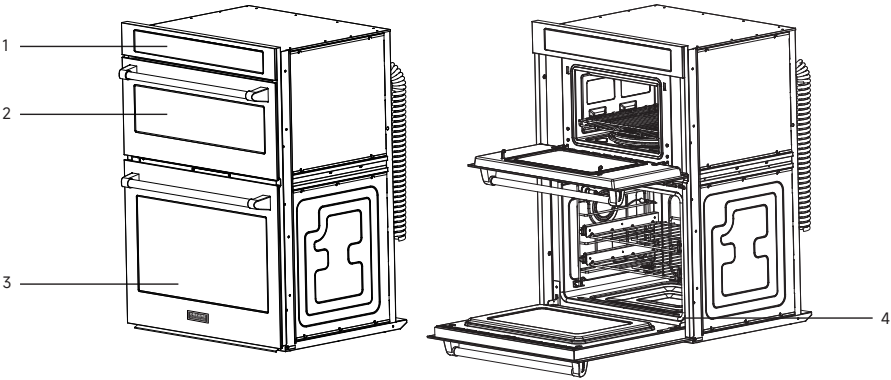
2.PRODUCT OVERVIEW

PRODUCT OVERVIEW

Product Features

The appearance and specifications listed in this manual may vary due to constant product improvements.

Exterior / Interior



1	Oven Controller	3	Lower Oven Door
2	Upper Microwave Oven Door	4	Gasket

Accessories

Accessories for Upper Microwave Oven

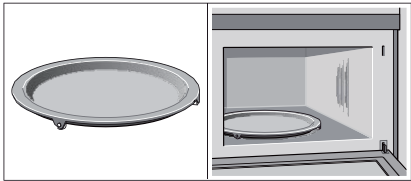
Turntable

Turntable rotates in both directions to help food cook more evenly.

Food which particularly requires a lot of heat from underneath can be prepared directly on the turntable. The turntable can turn clockwise or anti-clockwise.

Place the turntable on the drive in the center of the cooking compartment. Ensure that it is properly fitted.

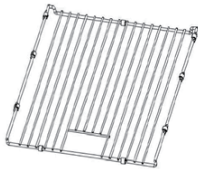
- Never use the microwave without the turntable.
- The turntable can withstand max. 5 kg.
- The turntable must turn when using all types of heating.



2.PRODUCT OVERVIEW

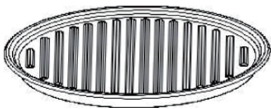
Baking rack

For grilling, e.g. steaks, sausages and for toasting bread. We recommend using the rack together with the baking tray when cooking items on the rack which might drip.

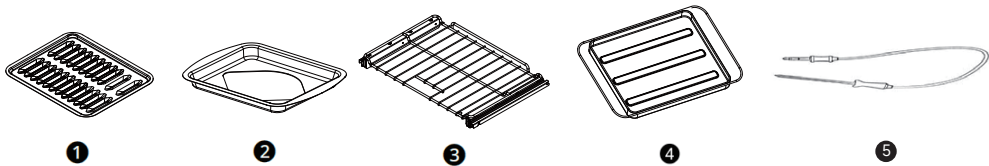


Ceramic Tray

For microwave cooking and convectional cooking. You can place food, like a popcorn bag, potatoes, microwave pizza or defrost, directly on the ceramic tray. The ceramic tray will get hot during the convection cooking. Place the ceramic tray on the top of the metal tray turntable. The ceramic tray can remain in the oven for all cooking modes, unless "Bake on Metal Tray" is required.



Accessories for Lower Oven



1	Grid (1 ea)	3	Gliding Rack (2 ea)
2	Broiler Pan (1 ea)	4	Air Fry Tray (1 ea)
5	Meat Probe (1 ea)		



ST4.2*20 countersunk self-tapping screws (4 ea)



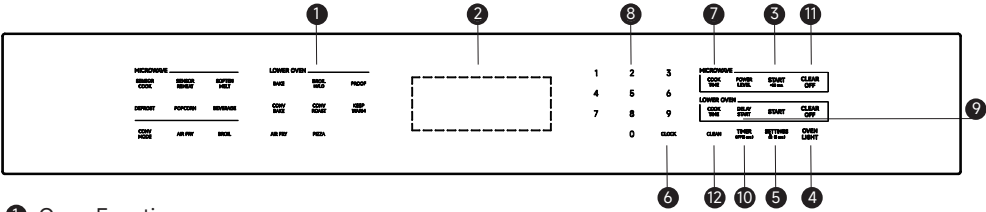
Manual (1 ea)

3.OPERATION

OPERATION

Operating Control Panel

Control Panel Features



1 Oven Functions

Select various functions of the upper microwave oven and bottom oven. See Operating the Oven.

2 Display

Oven operation and settings appear in the display.

3 START

Use to start all functions.

4 Upper / Lower Light

Use to turn the oven lights of the upper or lower oven on and off.

5 Settings

Press to select and adjust oven settings.

Press and hold the Settings button for three seconds to activate/deactivate Control Lock.

6 Clock

Use to set the time of day.

7 Cook Time

Press the button to set the desired amount of time for food to cook. The oven shuts off when the set cooking time runs out.

8 Number Pads

Use to set any function requiring numbers such as the time of day on the clock, the timer, the oven temperature, the start time, and the length of operation for timed baking, etc.

9 Delay Start

Press the button to set the delayed time cook. The oven starts at the set time.

10 Upper / Lower Timer Off

Use to set or cancel the timer of the upper or lower oven.

11 Upper / Lower CLEAR/OFF

Use to stop cooking or cancel settings of the upper or lower oven.

12 Clean

Use to set self clean or steam clean of the upper or lower oven.

3.OPERATION

Parameter Adjustment

Use the adjusting keys to set the parameters.

Parameter	Function
Power Level	Set the microwave power level.
Cook Time	Set the time of cooking.

Cooling Fan

Your appliance has a cooling fan. The cooling fan switches on during operation. The hot air escapes above the door. The cooling fan continues to run for a certain time after operation.

CAUTION

Do not cover the ventilation slots. Otherwise, the appliance will overheat.

NOTE

- The appliance remains cool during microwave operation. The cooling fan will still switch on. The fan may run on even when microwave operation has ended.
- Condensation may appear on the door window, interior walls and floor. This is normal and does not adversely affect microwave operation. Wipe away the condensation after cooking.

Energy Saving Tips

- Multiple-rack cooking saves time and energy. Whenever possible, cook foods requiring the same cooking temperature together in one oven.
- For optimal performance and energy savings, follow the guides for proper rack and pan placement.
- Reduce energy use by cleaning light oven soil.
- Avoid opening the oven door more than necessary during use.

Setting The Clock

When power is first supplied to the oven, the timer display will flash "12:00" and "Clock setting" will appear on the display . Enter the time by touching the number keypads. Then touch START to allow operation proceed as follow:

- 1 Touch START to set clock or touch Clock.
- 2 Select 12 or 24 hours system:1:12hr,2:24hr
- 3 Enter the correct time using the number keys.Example:To set the clock to 12:30 type in 1 2 30.
- 4 Touch START to confirm is complete setting.

Heating up the oven

To remove the new oven smell, heat up the appliance when it is empty and closed. One hour with Convection at 350°F (180°C) is ideal. Ensure that no packaging remnants have been left in the oven cavity.

3. OPERATION

- 1 Touch Conv Mode and then enter the numbers to select Baked goods, according to the prompts.
- 2 Enter the numbers 3、 5、 0 with the number keys, and then press START to confirm temperature is complete setting.
- 3 Touch COOK TIME and then select numbers such as 6、 0 to set the cooking time
- 4 Touch START to start cooking.
The oven light turns on and the appliance starts heating.

Setting The Oven

Settings

The oven has additional settings which can be accessed and adjusted using the settings button. They remain in the control's memory until changed.

How to use:

1. Touch Settings. The oven display will scroll through the various options.
2. Touch the number keypad for the specific option to toggle the function setup. Use a following chart as a guide.

Option	Code	Function Description
Temp Units	1	Set temperature unit
Sound	2	Key sound switch
Error Code	3	Query for error codes that have occurred
Version	4	Version information query
DEMO Mode	5	Set oven demo mode
Compensation	6	$\pm 35^{\circ}$ ($\pm 19^{\circ}\text{C}$)(retained after power loss).
Sabbath	7	Set sabbath mode. (The cooking time can be set within 74hours) Sabbath mode disables the oven lights (the oven light will not turn on when the door is opened), all sounds (the control will not beep when the screen is pressed), Sabbath mode can only be used with traditional Bake. This feature conforms to Jewish Sabbath requirements.
Factory Reset	8	Restore factory setting

3.OPERATION

Sabbath Mode

Sabbath Mode can be set both upper and lower oven. How to set Sabbath Mode:

1 Touch Settings.

2 Touch 7.

3 Select the oven to be used for Sabbath Mode:1 : Upper Oven 2 : Lower Oven 3 : Upper / Lower Ovens

4 Set the desired temperature.

If both ovens are selected, the upper oven temperature must be set first. After setting the temperature for the upper oven, press START. Then set the temperature for the lower oven and press START again.

To cancel Sabbath Mode, press CLEAR OFF. If both ovens are in Sabbath Mode, each oven must be turned off separately by pressing CLEAR OFF for each one.

Timer/off (3 sec.)

The Timer can be set in minutes and seconds or hours and minutes and counts down the set time. How to set timer:

1 Touch Timer/Off(3 sec).

2 Touch number keypad "1" to select HR:MIN or "2" to select MIN: SEC.

3 Touch number keypads to set a length of the timer.

4 Touch Timer.

The oven display will count down the timer. If the timer remaining time is not in the display, recall the remaining time by pressing Timer once. If both cooking time and timer are set, only display the time of the cooking. If enabled, end-of-cycle tones will sound, it ends automatically in one minute or hold Timer/Off[3sec.] for 3 seconds to clear the display and stop the reminder tones.

To cancel the Timer:

Press and hold Timer for 3 seconds. The display returns to the time of day. Pressing CLEAR/OFF will not cancel the current timer, but will cancel any oven cooking modes in progress.

NOTE

The Timer does not start or stop the oven.

Using the Control Lock:

Touch **Settings** ⏏ (3 sec.) to activate the Control Lock feature. The panel lock icon appears in the display.

To deactivate the Control Lock feature, touch **Settings** ⏏ (3 sec.) for 3 seconds, 3-2-1 appears in the display, the panel lock icon disappears in the display and the controls unlock.

NOTE

The Control Lock shuts down the control panel keypads to avoid unintended use of the oven. The Control will remain set after a power failure, if set before the power failure occurs.

Lock When the control is locked, only the **Settings** ⏏ (3 sec.) keypads will function.

3. OPERATION

Operating the Upper Microwave Oven Before Using

WARNING

- To avoid risk of personal injury or property damage, do not use stoneware, metal cookware, or metal rimmed cookware in the oven.
- Do not use your microwave oven to cook eggs in the shell. Pressure can build up inside the shell, causing it to burst.
- Never operate the oven when it is empty. Food or water should always be in the oven during operation to absorb the microwave energy.
- Do not use the oven to dry newspapers or clothes. They may catch fire.

NOTE

- To program the oven, press the center of each button firmly. When a button is pressed correctly, a beep sounds and the oven is activated. Do not press several buttons at once.
- Do not strike the control panel with silverware, cookware, etc. It may be damaged or broken.
- Always be careful when taking cookware out of the oven. Some dishes absorb heat from the cooked food and may be hot. See the Cookware Guide section for more information.
- To avoid breakage, allow cookware to cool before rinsing or submerging in water. Always allow the turntable to cool before removing it from the oven.
- Use thermometers that have been approved for microwave oven cooking.
- The turntable must always be in place when you operate the oven.

Microwave Cookware Guide

Microwave-Safe Cookware

Use microwavable cookware.

WARNING

- Do not permit children to use plastic cookware without complete supervision.
 - Ovenproof Glass
 - Ovenproof glassware that is treated for high intensity heat so it is heat-resistant is microwave-safe.
 - Use utility dishes, loaf dishes, pie plates, cake plates, liquid measuring cups, casseroles and bowls without metal rims.
 - Do not use delicate glassware, such as tumblers or wine glasses, as these might shatter when heated.
 - China
 - Use bowls, cups, serving plates, pottery, stoneware, ceramics, and platters without metal rims or handles.
- Many containers made of these materials are microwave-safe, but test them before use.
- Plastic
 - Plastic Storage Containers: Use plastic dishes, cups, semi-rigid freezer containers and plastic bags only for short cooking times. Do not use them when cooking food for long periods or at high power levels, as the hot food will eventually warp or melt the plastic.
 - Plastic wrap (as a cover): Lay the plastic wrap loosely over the dish and press it to the sides. Vent plastic wrap by turning back one edge slightly to allow excess steam to escape. The dish should be deep enough so that the plastic wrap will not touch the food. As the food heats it may melt the plastic wrap wherever the wrap touches the food.
 - Plastic Cooking Bags: Provided they are specially made for cooking, cooking bags are microwave safe. Remember to make a slit in the bag so that steam can escape. Never use ordinary plastic bags for cooking in the microwave oven, as they will melt and rupture.

3.OPERATION

- Plastic Microwave Cookware: A variety of shapes and sizes of microwave cookware are available. You may be able to use items you already have on hand rather than investing in new kitchen equipment.

Paper

- Use paper towels, waxed paper, paper napkins, and paper plates with no metal rims or design. Look for the manufacturer's label for use in the microwave oven.

- Paper plates and containers are convenient and safe to use in the microwave oven, provided that the cooking time is short and foods to be cooked are low in fat and moisture. Paper towels are also very useful for wrapping foods and for lining baking trays in which greasy foods such as bacon are cooked.

- Avoid colored paper products as the color may run. Do not use recycled paper products in the microwave oven. They may contain impurities which could cause arcing or fires when used in the microwave.

• Tableware

- Do not put plates with painted decoration in the oven, as the paint may contain metal and cause arcing.

Microwave-Unsafe Cookware

• Metal Containers/Metal Decoration

- Never use metal or metal-rimmed cookware in the microwave oven.

- Microwaves cannot penetrate metal. They will bounce off any metal object in the oven and cause arcing, an alarming phenomenon that resembles lightning.

- Metal shields the food from microwave energy and produces uneven cooking. Also avoid metal skewers, thermometers, foil trays, metal-rimmed or metal-banded dinnerware, casserole dishes, etc. The metal rim interferes with normal cooking and may damage the oven.

• Aluminum Foil

- Avoid large sheets of aluminum foil because they hinder cooking and may cause harmful arcing.

- Use small pieces of foil to shield poultry legs and wings.

- Keep ALL aluminum foil at least 1" (2.54 cm) from the side walls and door of the oven.

• Wood

- Wood bowls and boards will dry out and may split or crack when you use them in the microwave oven.

- Baskets react in the same way.

• Tightly Covered Cookware

- Be sure to leave openings for steam to escape from covered containers.

- Pierce plastic pouches of vegetables or other food items before cooking.

- Tightly closed pouches could explode.

• Brown Paper

- Avoid using brown paper bags.

- They absorb too much heat and could burn.

• Flawed or Chipped Cookware:

- Any container that is cracked, flawed, or chipped may break in the oven.

• Metal Twist Ties

- Remove metal twist ties from plastic or paper bags.

- They become hot and could cause a fire.

Cooking Tips

Carefully monitor the food in the microwave oven while it is cooking. Directions given in recipes to elevate, stir, etc., are the minimum steps recommended. If food is overcooked (dry), undercooked, or unevenly cooked, make adjustments before or during cooking to correct the problem.

• Overcooked or Dry Food

- Sprinkling: Sprinkle low-moisture foods such as roasts and vegetables with water before cooking, or cover them to retain moisture.

- Density: Light, porous food such as cakes and breads cook more quickly than heavy, dense foods such as roasts and casseroles.

- Shielding: Cover the corners of square dishes with small strips of aluminum foil to prevent overcooking. Don't use too much foil, and secure the foil to the dish. Foil can cause arcing if it gets too close to the oven walls during cooking.

3.OPERATION

- Bones and Fat: Bones conduct heat, and fat cooks more quickly than meat. Take care with bony or fatty cuts of meat.
- Undercooked Food
 - Covering: Cover food with a microwave-safe lid, parchment paper (not waxed paper), or plastic wrap to trap heat and steam and cook food more quickly.
 - Standing Time: Let food stand for several minutes after it is removed from the oven to allow it to finish cooking and help flavors blend and develop.
 - Quantity: The more food you place in the oven, the longer the required cooking time.
 - Temperature: Ice-cold ingredients take much longer to cook than room temperature ingredients.
- Unevenly Cooked Food
 - Stirring: Stir food from the outside toward the center during cooking, as food at the outside of the dish heats more quickly.
 - Arranging: Turn food over several times during cooking. The upper portions of thick foods cook more quickly than the lower portions. Thick or dense foods can be elevated so that microwaves can be absorbed by the underside and center of the foods.
 - Shaping: Place the thickest portions of foods like meat, poultry or fish toward the outside of the cookware to help them cook more evenly. If possible, shape foods into thin rounds or rings.
- Foods with Skin, Shell or Membrane
 - Skin or Membrane: Pierce the outsides of foods like potatoes, sausages, or egg whites or yolks before cooking.
 - Shell: Pierce or remove the shells from eggs, clams, oysters, or other shelled foods before cooking.
- Testing if Cooked
 - Microwaves cook food quickly, so test food for doneness frequently. Some foods are left in the microwave until completely cooked, but most foods, including meats and poultry, should be removed from the oven while still slightly undercooked and allowed to finish cooking during standing time. The internal temperature of foods will rise between 5 °F (3 °C) and 15 °F (8 °C) during standing time.
- Defrosting Tips
 - Remove fish, shellfish, meat, and poultry from their original wrapping paper or plastic package. Otherwise, the wrap close to the food will hold steam and heat, which can cause the outer surface of the food to be cooked.
 - Remove any metal twist ties.
 - Always slit or pierce plastic pouches or packaging.
 - Open containers such as cartons before they are placed in the oven.
 - If food is foil wrapped, remove the foil and place the food in a suitable container.
 - The length of defrosting time varies depending on the shape of the food and on how solidly the food is frozen.
 - As food begins to defrost, separate the food into pieces so that they can defrost more easily.
 - Turn over food during defrosting or standing time. Separate into pieces and remove food as required.
 - Let food stand after defrosting. Food should still be somewhat icy in the center when removed from the oven.
 - When using Defrost, the weight to be entered is the net weight in pounds and tenths of pounds (the weight of the food minus the container).
 - Slit the skins of frozen food such as sausage.
 - Bend plastic pouches of food to ensure even defrosting.
 - Place food in a shallow container or in a microwave roasting dish to catch the drippings.
 - Always underestimate defrosting time. Food should still be somewhat icy in the center when removed from the oven. If defrosted food is still frozen solid in the center, return it to the upper oven for more defrosting.
 - Depending on the shape of the food, some areas may defrost more quickly than others.
 - The shape of the package affects how quickly food will defrost. Shallow packages will defrost more quickly than a deep block.
 - For best results, shape ground meat into the form of a doughnut before freezing. When defrosting, scrape off thawed meat when the beep sounds and continue defrosting.
 - Use small pieces of aluminum foil to shield parts of food such as chicken wings, leg tips, fish tails, or areas that start to get warm. Make sure the foil does not touch the sides, top, or bottom of the oven. The foil can damage the oven lining.

3.OPERATION

Cooking Mode

There are various ways in which you can set your oven. Here we will explain how you can select the desired type of heating and temperature or grill setting. You can also select the oven cooking time for your dish. Please refer to the section on Setting the time-setting options.

Soften/Melt

Soften and Melt functions may be used to soften or melt your food. Times and cooking powers have been preset for a number of food types.

How to use Soften and Melt:

- 1 Touch Soften/Melt, The oven display will scroll through the various options.
- 2 Touch number keypad "1" to select soften function or "2" to select melt function.
- 3 Touch number keypad to select food type from the Soften Chart or Melt Chart.
- 4 Touch number keypads to enter quantity (weight or sticks).
- 5 Touch START to start cooking.

The oven display will count down the soften or melt time.

When the stop time is reached, the oven will shut off automatically and "Soften complete" or "Melt complete" will appear in the display.

If enabled, end-of-cycle tones will sound, it ends automatically in one minute, or touch CLEAR OFF or open the door to clear the display and stop the reminder tones.

The oven uses low power to soften foods such as butter, cream cheese, and ice cream. Refer to the information below to set the desired menu item and portion size.

Soften Chart

Food	Code	Quantity	Preparation
Butter	1	0.5-2 Sticks	Unwrap and place in microwave-safe container.
Margarine	2	0.5-2 Sticks	
Ice cream	3	16,32,64 oz (454, 907 g, or 1.8 kg)	
Cream Cheese	4	3 or 8 oz (85 g or 227 g)	Unwrap and place in microwave-safe container.

Melt Chart

Food	Code	Quantity	Preparation
Butter	1	0.5-2 Sticks	Unwrap and place in microwave-safe container.
Margarine	2	0.5-2 Sticks	
Chocolate	3	2,4, 6, 8 oz [57, 113, 170,227 g]	Cut squares into small pieces or use chips. Place in microwave-safe container.
Cheese	4	8 or 16 oz [227 or 454 g]	Cut into small pieces and place in microwave-safe container.
Marshmallows	5	5 or 10 oz [142 or 283 g]	Place in microwave-safe container.

3.OPERATION

Sensor Cook

You can select two sensor cooking modes. Sensor cooking allows you to cook many of your favorite foods without selecting cooking times and power levels. The microwave oven automatically determines the required cooking time for each food item.

During the Sensor Cook function a sensor automatically adjusts for the cook time and power level. The microwave oven display will show the "Maximum Time Remaining" prompt and the time countdown once the sensor identifies the cooking duration.

If the microwave oven door is opened during a sensor function, the microwave oven will turn off, and any additional operations will be canceled.

How to use Sensor Cook:

1 Touch Sensor Cook. The oven display will scroll through the various options.

2 Touch number keypad to select food type from the Sensor Cook Chart.

3 Touch START to start cooking.

The oven display will count down the Sensor Cook time.

When the stop time is reached, the oven will shut off automatically and "Sensor cooking complete" will appear in the display.

If enable, end-of-cycle tones will sound, it ends automatically in one minute, or touch CLEAR OFF or open the door to clear the display and stop the reminder tones.

Sensor Cook Chart

Food	Code	Quantity
Baked Potato Pierce skin with a fork. Do not cover. After cooking, allow to stand wrapped in foil for 5 minutes.	1	1-4 potatoes (8-32 oz)
Ground Meat After cooking, allow to stand, covered, for 3-4 minutes.	2	8-24 oz (0.5-1.5 lbs)
Vegetable No water is needed if vegetables have just been washed. Add 2 tablespoons of water per 8 ounces of fresh vegetables.	3	4-16 oz (0.25-1 lbs)
Fish/Seafood Roll thin edges underneath. Arrange in a ring around a microwaveable dish.	4	8-20 oz (0.5-1.25 lbs)
Frozen Entree Follow the package instructions for venting, cutting plastic film, etc.	5	10-20 oz

3. OPERATION

Sensor Reheat

How to use Sensor Reheat:

1 Touch Sensor Reheat.

2 Touch START to start cooking.

The oven display will count down the Reheat time.

When the stop time is reached, the oven will shut off automatically and "Reheat complete" will appear in the display.

If enable, end-of-cycle tones will sound, it ends automatically in one minute, or touch CLEAR OFF or open the door to clear the display and stop the reminder tones.

NOTE

- Cover with vented plastic wrap or wax paper.
 - Reheat food on a microwaveable dinner plate.
-

Defrost

- The Defrost feature can be used, or the microwave oven can be manually set to defrost by using 30% cook power.
- For optimal results, food should be 0° F (-18° C) or colder when defrosting.
- Shallow packages will defrost more quickly than deep blocks.
- Separate food pieces as soon as possible during or at the end of the cycle for more even defrosting.
- Foods left outside the freezer for more than 20 minutes or frozen ready-made food should not be defrosted using the Defrost feature, but should be defrosted manually.
- Use small pieces of aluminum foil to shield parts of food such as chicken wings, leg tips, and fish tails.
- Times and cooking powers have been preset for defrosting a number of food types.
- Manual Defrost requires that a cook time and power level be entered if using other than 30% cook power.

How to use Defrost:

1 Touch Defrost, The oven display will scroll through the various options.

2 Touch number keypad to select food type from the Defrost Chart(Except Manual Defrost).

3 Touch number keypads to enter weight.

4 Touch START to start cooking.

The oven display will count down the Defrost time. For better results, a preset standing time is included in the defrosting time, This may make the defrosting time seem longer than expected When the stop time is reached, the oven will shut off automatically and "Defrost complete" will appear in the display.

If enable, end-of-cycle tones will sound, it ends automatically in one minute, or touch CLEAR OFF or open the door to clear the display and stop the reminder tones.

3.OPERATION

Defrost Chart

Food	Code	Weight
Poultry*	1	0.1-6.6 lbs (45 g-3 kg)
Meats*	2	0.1-6.6 lbs (45 g- 3 kg)
Fish*	3	0.1-6.6 lbs (45 g- 3 kg)
Bread	4	0.1-2.0 lbs (45 g-907 g)
Juice	5	6, 12, or 16 oz (177, 355, or 473 ml)
Manual	6	Default power level (30%)

*See the Defrost Preparation Chart at end of Defrost section for cuts, sizes, and instructions.

Defrost Preparation Chart

Poultry	
Chicken: whole and cut up	Place in a microwave-safe dish, chicken breast side up.Remove giblets from the whole chicken.
Cornish hens	
Turkey: breast	
Bread	
Beef: ground, steaks, roast, stew	The narrow or fatty areas of irregular shaped cuts should be shielded with foil before defrosting. Do not defrost less than ¼ lbs (113 g) or two 4 oz (113 g) patties. Place all meats in microwave safe baking dish.
Lamb: stew and chops	
Pork: chops, ribs, roasts, sausage	
Fish	
Fillets, Steaks. Whole, Shellfish	Place in a microwave- safe dish.

3.OPERATION

Popcorn

⚠ CAUTION

Do not leave oven unattended while popping corn. Popcorn may ignite and cause fire.

How to use popcorn mode:

1 Touch Popcorn. The oven display will scroll through the various options.

2 Touch number keypads to select the weight code from popcorn chart.

3 Touch START to start cooking.

The oven display will count down the popcorn time.

When the stop time is reached, the oven will shut off automatically and "Popcorn complete" will appear in the display.

If enable, end-of-cycle tones will sound, it ends automatically in one minute, or touch CLEAR OFF or open the door to clear the display and stop the reminder tones.

NOTE

Follow the instructions provided by the microwave popcorn manufacturer.

Popcorn Chart

Code	Weight
1	1.5 oz
2	2.5 oz
3	3.5 oz

Beverage Center

The beverage feature heats 0.5 to 2 cups of a beverage.

How to use Beverage Center:

1 Touch Beverage. The oven display will scroll through the various options.

2 Touch number keypads to select the weight code from beverage center chart.

3 Touch START to start cooking.

The oven display will count down the Beverage Center time.

When the stop time is reached, the oven will shut off automatically and "Cooking complete" will appear in the display.

If enable, end-of-cycle tones will sound, it ends automatically in one minute, or touch CLEAR OFF or open the door to clear the display and stop the reminder tones.

Beverage Center Chart

Code	Weight
1	0.5 Cups
2	1.0 Cups
3	1.5 Cups
4	2.0 Cups

3.OPERATION

Conv Mode

Convection cooking uses the convection element, the broil element and the fan. Hot air is circulated through out the oven cavity by the fan. The constantly moving air surrounds the food to heat the outer portion quickly.

- The convection function may be used to cook small amounts of food on a single rack.
- Always use the convection grid placed on a turntable or baking tray.
- Do not cover turntable or convection grid or baking tray with aluminum foil.
- Do not use light plastic containers, plastic wrap, or paper products. All heatproof cookware or metal utensils can be used in convection cooking. Round pizza pans are excellent for convection cooking.
- Use convection cooking for items such as souffles, breads, cookies, angel food cakes, pizza, and most meats and fish.
- All Convection Mode functions require preheating before use. Place food in microwave oven after preheating is complete.

How to use Convection Mode:

- 1 Touch Conv. Mode. The oven display will scroll through the various options.
- 2 Touch number keypad to select food type from the Convection Mode Chart.
- 3 Touch number keypads to enter temperature.
- 4 Touch COOK TIME and then select numbers to set the cooking time.
- 5 Touch START to start cooking.

The oven start to preheat until preheat complete, a beep will sound and the oven display will countdown the Convection Mode time.

When the stop time is reached, the oven will shut off automatically and "Cooking complete" will appear in the display.

If enable, end-of-cycle tones will sound, it ends automatically in one minute, or touch CLEAR OFF or open the door to clear the display and stop the reminder tones.

Tips: You can touch START directly without enter the time of cooking, after setting the cooking temperature. The oven will work for the maximum safe time, at which time the cooking time not be display.

Convection Mode Chart

Option	Code	Food	Cook Time	Oven Temp
Baked goods	1	Biscuits, Breads: quick and yeast, Cakes and Cookies Casseroles: including frozen entrées and soufflés Fish	0:01-10:00 hr	175-450°F
Meats	2	Baked potatoes Chicken: whole and pieces, Meat loaf, Roasts: pork, beef, and ham *Turkey and large poultry are not included because their cook times vary.	0:01-10:00 hr	175-450°F
Other foods	3	Convenience foods: French fries, nuggets, fish sticks, pizza Pies: fruit and custard	0:01-10:00 hr	175-450°F

3.OPERATION

Air Fry

Air Fry is a special, no-preheat, cooking mode that is designed to produce foods with a crispier exterior than traditional oven cooking.

- Only use broil safe cookware when using Air Fry mode.
- A dark sheet pan is recommended. A dark pan promotes better browning and crisping.
- Oven baking baskets and baking grids can also be used. A sheet pan should be placed on the rack below the foods to catch any drippings when using a baking basket.

How to use Air Fry:

- 1 Touch Air Fry.
- 2 Touch number keypads to enter temperature. The temperature can be set between 175 °F and 450°F.
- 3 Touch number Cook Time to set a length of time to Air Fry. Time can be set up to 1 minutes and 10hours.
- 4 Touch START to start cooking.

The oven display will count down the Air Fry time.

When the stop time is reached, the oven will shut off automatically and "Cooking complete" will appear in the display. If enable, end-of-cycle tones will sound, it ends automatically in one minute, or touch CLEAR OFF or open the door to clear the display and stop the reminder tones.

Tips:

- You can touch START directly without enter the time of cooking ,after setting the cooking temperature. The oven will work for the maximum safe time, at which time the cooking time not be displayed.
- For cooking fresh or home-made foods, spread the oil over a larger area more evenly, crisping up the food more effectively.

Broil

When the crisper pan is used with microwaves, it is like a frying pan or griddle, ideal for French toast, burgers, eggs, stir- frying, and sautéing. The default temperature is 400°F,the default cooking time is 3 hours. The oven temperature and cook time can not be set.

How to use Broil:

1. Tap Broil to display "BROIL HIGH." Tap again switch to "LOW."
2. Press START to begin broiling. Broil one side until the food is browned, then turn it over and broil the other side.
3. Press CLEAR OFF to stop cooking.

If enable, end-of-cycle tones will sound, it ends automatically in one minute, or touch CLEAR OFF or open the door to clear the display and stop the reminder tones.

Other Settings

Power Level

Many recipes for microwave cooking specify which cooking power to use by percent, name, or number. For example, 70%=Medium-High.

Use the following chart as a general guide for the suggested cooking power of specific foods.

How to use Power Level:

- 1 Touch Power Level.
- 2 Touch number keypads to enter power level from microwave cooking power chart.
- 3 Touch COOK TIME and then select numbers to set the cooking time. Time can be set up to 1 seconds to 99 minutes and 59 seconds.
- 4 Touch START to start cooking.

The oven display will count down the Microwave cooking time.

When the stop time is reached, the oven will shut off automatically and "Cooking complete" will appear in the display. If enable, end-of-cycle tones will sound, it ends automatically in one minute, or touch CLEAR OFF or open the door to clear the display and stop the reminder tones.

3.OPERATION

Microwave Cooking Power Chart

Percent	Number	Use
100%,High Default Setting	10	Quick heating convenience foods and foods with high water content, such as soups, beverages, and most vegetables.
90%	9	Heating rice, pasta, or casseroles. Cooking and heating foods that need a cook power lower than high. For example, whole fish and meat loaf.
80%	8	Cooking small, tender pieces of meat, ground meat, poultry pieces, and fish fillets. Heating cream soups.
70%, Medium-High	7	Reheating a single serving of food.
60%	6	Cooking sensitive foods such as cheese and egg dishes, pudding, and custards. Cooking non-stirable casseroles, such as lasagna.
50%, Medium	5	Cooking ham, whole poultry, and pot roasts. Simmering stews.
40%	4	Melting chocolate. Heating bread, rolls, and pastries.
30%	3	Defrosting bread, fish, meats, poultry, and precooked foods.
20%	2	Softening butter, cheese, and ice cream.
10%, Low	1	Taking chill out of fruit.

Cook Time

How to use Cook Time:

1 Touch Cook Time. The default power level is 100%. If you need other power level, you can touch Power Level to set.

2 Touch COOK TIME and then select numbers to set the cooking time. Time can be set up to 1 seconds to 99 minutes and 59 seconds.

3 Touch START to start cooking.

The oven display will count down the Microwave cooking time.

When the stop time is reached, the oven will shut off automatically and "Cooking complete" will appear in the display. If enable, end-of-cycle tones will sound, it ends automatically in one minute, or touch CLEAR OFF or open the door to clear the display and stop the reminder tones.

START/+30 sec.

The START/+ 30 sec. keypad controls 2 separate functions for the built-in microwave: Start and Add 30 seconds. Touching START/+ 30 sec. when the microwave oven is off will start 30 seconds of cook time at 100%power. Touching START/+ 30 sec, while the microwave oven is operating will add cook time to the current cycle by 30 seconds. Multiple seconds can be added by repeatedly touching START/ 30sec.

After enough data has been entered and the door is closed, "Press START to confirm " will appear on the oven display as a reminder. If the Start keypad is not touched within 30 seconds after touching another keypad, the oven display will return to the inactive mode and the programmed function will be canceled.

If cooking is interrupted by opening the door, touching START/+ 30 sec. after the door is closed again will resume the preset cycle.

3.OPERATION

Update Temperature

- 1 Touch number keypad to update temperature.
- 2 Touch START to start cooking with the new settings.

Update Cooking Time

- 1 Touch Cook Time.
- 2 Touch number keypad to update the time of cooking.
- 3 Touch START to start cooking with the new settings.

Heating Food

Risk of scalding!

There is a possibility of delayed boiling when a liquid is heated. This means that the liquid reaches boiling temperature without the usual steam bubbles rising to the surface. Even if the container only moves a little, the hot liquid can suddenly boil over and spatter. When heating liquids, always place a spoon in the container. This will prevent delayed boiling.



Only for lower oven

3.OPERATION

Operating the Lower Oven

General Operation Logic(Applies to Most Functions)

- 1.Activate Function: Press the function button (e.g., [Bake]) when the oven is in standby.
- 2.Set Temperature/Time:
 - Temperature: Use number keys (default temp varies by function, see below).
 - Time (Optional): Press [Cook Time] -> use number keys (default: 10hrs if not set; no time display if using default).
- 3.Start:Press [START] on the lower oven.
- 4.Adjust During Cooking:
 - Temperature: Use number keys -> Press [START] to confirm (oven keeps old temp until confirmed).
 - Time: Press [Cook Time] -> number keys -> [START].
- 5.Confirmation Rules:
 - "Press START" to Confirm "pops up if no [START] within 5 seconds of settings".
 - Returns to standby if no action for 30 seconds (unless temperature is already set/confirmed).
- 6.End of Cooking:
 - Auto-stops when countdown ends.
 - Displays "Cooking complete"+ beeps every 3 seconds for 1 minute -> auto -> returns to standby after 1 minute.

Specific Functions (Key Details Only)

Bake

- Default Settings: Temp=350°F(177°C) (flashes); Time=10hrs.
- How to use Bake:
 - 1 Touch Touch Bake.
 - 2 Touch number keypads to enter the temperature.
 - 3 Touch COOK TIME and then touch number keypads to set the cooking time.
 - 4 Touch START to start cooking.

Conv Bake (Convection Bake)

- Default Settings: Temp=325°F(163°C) (flashes);Time=10hrs.
- How to use Conv Bake:
 - 1 Touch Conv Bake.
 - 2 Touch number keypads to enter the temperature.
 - 3 Touch COOK TIME and then touch number keypads to set the cooking time.
 - 4 Touch START to start cooking.

Conv Roast

- Default Settings: Temp=325°F(163°C) (flashes); Time= 10hrs (no time display initially).
- How to use Conv Roast:
 - 1 Touch Conv Roast.
 - 2 Touch number keypads to enter the temperature.
 - 3 Touch COOK TIME and then touch number keypads to set the cooking time.
 - 4 Touch START to start cooking.
- Adjust During Cooking:
 - Temperature:Enter new temp press [START]to confirm (keeps old temp until confirmed;reverts to old temp after 30s of no action).
 - Time:Press [Cook Time],enter new time,press [START]to confirm (reverts to old time after 30s of no action).
- End of Cooking:Auto-stops->"Cooking complete"+beeps every 3s for 1min returns to standby.

3. OPERATION

Pizza

- Check pizza before minimum time, pizza may cook faster compared to a traditional oven.
- For fresh pizza use a pizza paddle for sliding the pizza on and from the metal turntable.
- If using a pizza paddle, sprinkle the paddle liberally with cornmeal for ease in transferring the dough to the metal turntable.
- Maximum size is 12 inches for fresh and frozen pizzas.
- Avoid using a pizza stone as it can damage the oven.
- The metal turntable can be used for cutting pizza into slices. Remove the turntable from the oven after the pizza is baked.
- Default Settings: Temp=425°F(219°C)(flashes);Time=10hrs(suggest 10-15 mins for pizza).
- How to use Pizza:

1 Touch Pizza.

2 Touch number keypads to enter temperature. The temperature can be set between 175 °F and 550°F.

3 Touch COOK TIME and then touch number keypads to set the cooking time. Time can be set up to 1 minutes and 10hours.

4 Touch START to start cooking.

The oven starts to preheat until preheat complete, a beep will sound and the oven display will countdown the Pizza time if you set.

When the stop time is reached, the oven will shut off automatically and "Cooking complete" will appear in the display. If enable, end-of-cycle tones will sound, it ends automatically in one minute or touch CLEAR OFF or open the door to clear the display and stop the reminder tones.

Tips: You can touch START directly without entering the time of cooking, after setting the cooking temperature. The oven will work for the maximum safe time, at which time the cooking time will not be displayed.

Air Fry

- Default Settings: Temp=425°F(219°C)(flashes); Time = 10hrs (e.g., 15 mins for French fries)
- Critical Note: NO preheating -> press [START] to directly enter "Cooking" mode.
- How to use Air Fry:

1 Touch Air Fry.

2 Touch number keypads to enter temperature. The temperature can be set between 350 °F and 550°F.

3 Touch COOK TIME and then touch number keypads to set the cooking time. Time can be set up to 1 minutes and 10hours.

4 Touch START to start cooking.

The oven display will count down the Air Fry time.

When the stop time is reached, the oven will shut off automatically and "Cooking complete" will appear in the display.

If enable, end-of-cycle tones will sound, it ends automatically in one minute, or touch CLEAR OFF or open the door to clear the display and stop the reminder tones.

Broil

- Default Settings: Heat level = Hi (flashes); Time = 3hrs (no time display).
- How to use Broil:

1 Touch Broil.

2 Select Hi or Low mode: 1: Hi, 2: Lo

3 Touch START to start cooking.

Keep Warm

- Default Settings: Temp=175°F(79°C)(NOT adjustable); Time = 3hrs (if [START] pressed without setting time).
- How to use Keep Warm:

1 Touch Keep Warm.

2 Touch COOK TIME and then touch number keypads to set the cooking time.

3 Touch START to start cooking.

Proof (Dough Fermentation)

- Default Time: 10hrs (set time via [Cook Time]+ number keys if needed).
- How to use Proof:

1 Touch Proof.

3. OPERATION

2 Set the temperature.

- F mode: Press "1" for 85°F, "2" for 95°F (default = 85°F).
- C mode: Press "1" for 30°C, "2" for 35 °C (default = 30°C).

3 Touch COOK TIME and then touch number keypads to set the cooking time.

4 Touch START to start cooking.

Delay start (scheduled Cooking)

- Set the oven to turn on automatically after a specific time of day using this function. With both Delay Start and Cook Time set, the oven automatically turns on and off at the time you select. This feature can only be used with the Bake, Conv Bake, Conv Roast, Air Fry, and Pizza modes in the lower oven.

• How to use Delay Start:

- For example, to Bake at 350°F for 30 minutes and delay the start of baking by 1 hour, first set the clock for the correct time of day.

1 Press Bake (lower oven). "BAKE" appears and default temperature flashes in the display.

2 Set the temperature: press 3, 5, and 0.

3 Press Cook Time [lower oven]. "COOK TIME" appears in the display.

4 Set the cooking time: press 3 and 0 (for 30 minutes).

5 Press Delay Start. "DELAY" appears in the display.

6 Set the length of time to delay the start time: press 1, 0, and 0 (for 1 hour).

7 Press START [lower oven].

The oven will turn on automatically at the set start time, cook for the set amount of time, and then turn off automatically. When the cooking time has elapsed:

- Cooking Complete" shows in the display.
- The cook end indicator tone sounds for 1 minute or until the oven door is opened or CLEAR/OFF (lower oven is pressed).

Oven Food Probe (Only for Bake/Conv Bake/Conv Roast)

- How to use Oven Food Probe:

1 Insert Probe: Plug into oven port (probe icon lights up) -> do this in standby or after preheating.

2 Set Probe Temp:

- Press [Bake]/[Conv Bake]/[Conv Roast] -> display shows "PROBE"+ prompts "Enter temperature".
- Default probe temp = 150°F (65°C) -> use number keys to adjust -> press [START].

3 Set Oven Temp:

- Display switches to function name (e.g., "BAKE") -> default temp: 350°F (177°C) for Bake; 325°F (163°C) for Conv Bake/Conv Roast.
- Use number keys to adjust (max temp = 482°F/250°C)

4 Touch START to start cooking.

Time (Optional): Press [Cook Time] -> number keys [START] (default = 10hrs).

- End Condition: Auto-stops when countdown ends OR food reaches probe temp.
- Note: Remove probe during cooking -> oven continues in original function.

Clean

Choose self clean or steam clean.

- How to use Self Clean:

1 Press Clean

2 Press 1 : self clean

3 Select Self Clean time: 1: 3hr, 2: 5hr

4 Touch START to start Self Clean

- How to use steam Clean:

1 Pour 10 oz. (300 ml) of water onto the bottom of the empty oven and close the oven door.
Use normal water only, not distilled water.

2 Press Clean

3 Press 2 : steam clean

4 Touch START to start steam Clean (150°F unchangable)

- Note:

1 When the temperature of the lower oven chamber drops below 550°F, the door lock opens, and it returns to standby mode.

4.MAINTENANCE

2. After the self-cleaning function of the lower oven is turned on, the heating function of the upper oven cannot be operated. During the heating process of the upper oven, the lower oven cannot operate the self-cleaning function.

3. During operation, only TIMER and CLEAR OFF are operable; other keys are invalid.

Care And Cleaning

With careful care and cleaning your microwave oven will retain its looks and remain in good order. We will explain here how you should care for and clean your appliance correctly.

Risk of electric shock!

Penetrating moisture may cause an electric shock. Do not use any high-pressure cleaners or steam cleaners.

Risk of burns!

Never clean the appliance immediately after switching off. Let the appliance cool down.

Risk of serious damage to health!

Microwave energy may escape if the cooking compartment door or the door seal is damaged. Never use the appliance if the cooking compartment door or the door seal is damaged. Contact the after-sales service.

NOTE

- Slight differences in colour on the front of the appliance are caused by the use of different materials, such as glass, plastic and metal.
- Shadows on the door panel which look like streaks, are caused by reflections made by the oven light.
- Unpleasant odours, e.g. after fish has been prepared, can be removed very easily. Add a few drops of lemon juice to a cup of water, place a spoon into the container as well, to prevent delayed boiling. Heat the water for 1 to 2 minutes at maximum microwave power.

Cleaning Agents

To ensure that the different surfaces are not damaged by using the wrong cleaning agent, observe the information in the table. Do not use

- sharp or abrasive cleaning agents,
- metal or glass scrapers to clean the glass in the appliance door,
- metal or glass scrapers to clean the door seal,
- hard scouring pads and sponges,
- cleaning agents with high concentrations of alcohol.

Wash new sponge cloths thoroughly before use.

Allow all surfaces to dry thoroughly before using the appliance again.

Area	Cleaning Agents
Appliance front	Hot soapy water: Clean with a dishcloth and dry with a soft cloth. Do not use glass cleaners or metal or glass scrapers for cleaning.
Appliance front with stainless steel	Hot soapy water: Clean with a dishcloth and dry with a soft cloth. Remove flecks of limescale, grease, starch and albumin (e.g. egg white) immediately. Corrosion can form under such residues. Special stainless steel cleaning agents can be obtained from the after-sales service or from specialist shops. Do not use glass cleaners or metal or glass scrapers for cleaning.
Cooking compartment	Hot soapy water or a vinegar solution: Clean with a dish cloth and dry with a soft cloth. If the oven is very dirty, do not use oven spray or other aggressive oven cleaners or abrasive materials. Scouring pads, rough sponges and pan cleaners are also unsuitable. These items scratch the surface. Allow the interior surfaces to dry thoroughly

4.MAINTENANCE

Area	Cleaning Agents
Recess in cooking compartment	Damp cloth: Ensure that no water seeps through the turntable drive into the appliance interior.
Wire racks	Hot soapy water: Clean using a stainless steel cleaning agent or in the dishwasher.
Door panels	Glass cleaner: Clean with a dish cloth. Do not use a glass scraper.
Seal	Hot soapy water: Clean with a dishcloth, do not scour. Do not use a metal or glass scraper for cleaning.

Cleaning And Maintenance

WARNING

Be sure the entire appliance has cooled and grease has solidified before attempting to clean any part of the appliance.

Cleaning Guide

- For best performance and for safety reasons, keep the oven clean inside and outside. Take special care to keep the inner door panel and oven front frame free of food and grease build-up.
- Never use abrasive scouring powder or pads on the microwave. Wipe the microwave oven inside and out with a soft cloth and warm (not hot) mild detergent solution. Then rinse and wipe completely dry.
- Wipe spatters immediately with a wet paper towel, especially after cooking greasy foods like chicken or bacon.
- Clean your microwave oven weekly or more often, if needed.
- Never operate the microwave oven without food in the oven cavity, unless pre-heating with Convection, Pizza, Frozen Foods and Keep Warm mode; this can damage the magnetron tube or ceramic tray. You may wish to leave a cup of water standing inside the oven when it is not in use to prevent damage if the oven is accidentally turned on.

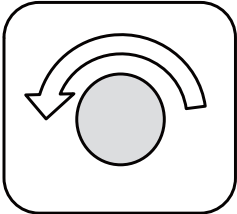
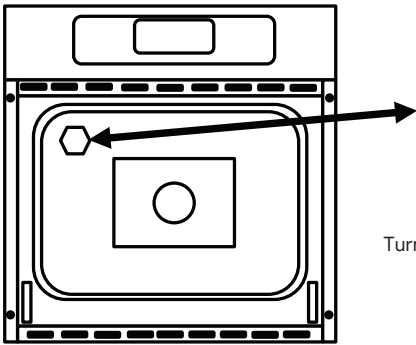
Part	Recommendations
Oven cavity	Keep inside (cavity)of the oven clean.Food particles and spilled liquids can stick to the oven walls,causing the oven to work less efficiently.Wipe up spills immediately.Use a damp,clean cloth and mild soap.DO NOT use harsh detergents or abrasive cleaners.To help loosen baked-on food particles or liquids,heat 2 cups of water (add the juice of 1 lemon if you desire to keep the oven fresh smelling)in a 4-cup measuring glass at High power for 5 minutes or until boiling.Let stand in oven cavity for 1 or 2minutes.For baked-on grease spatters,wash with hot,soapy water,rinse and dry.
Wire racks	Wash with soapy water.Rinse thoroughly and dry,or gently rub with cleansing powder or soap-filled pads as directed. The wire rack can also be washed in the dishwasher.
Metal turntable tray	Remove metal turntable tray from the oven when cleaning the oven cavity and tray.Wash the metal turntable tray in warm sudsy water or in the dishwasher.
Ceramic tray	Wipe with damp cloth.

4.MAINTENANCE

Area	Cleaning Agents
Door glass	Wash with soap and water or glass cleaner.Apply Fantastik or Formula 409® to a clean sponge or paper towel and wipe clean.Avoid using powder cleaning agents, steel wool pads and oven cleaners.If steam accumulates inside or outside the oven door,wipe with a soft cloth.Steam can accumulate when operating the oven in high humidity and in no way indicates microwave leakage.
Painted surfaces	Clean with hot soapy water or apply Fantastik® or Formula 409® to a clean sponge or paper towel and wipe clean. Avoid using powder cleaning agents, steel wool pads and oven cleaners.
Stainless steel sur-faces/exterior sur-faces	Always wipe or rub in the direction of the grain. Clean with a soapy sponge, then rinse and dry, or wipe with Fantastik® or Formula 409® spray on a paper towel. Protect and polish with Stainless Steel Magic® and a soft cloth. Remove water spots with a cloth dampened with white vinegar.
Plastic & Controls	When cool, clean with soapy water, rinse and dry.
Printed areas(words &numbers)	Do not use abrasive cleaners orpetroleum basedsolvents.

Replacing Oven Cavity Light Bulb

- Turn off power to the oven at the circuit breaker.
- Make sure the oven cavity is cool to the touch, do not attempt to change light bulb when the oven is hot.
- Grasp oven light lens cover and unscrew the light lens by turning it Counter clock wise direction.
- Remove the light lens an set aside.
- Remove light bulb from the socket by pulling the light bulb towards front of the oven.
- Replace the oven light bulb with a 120Vac 40watt G9 base Halogen light bulb.
- Do not handle the halogen bulb with bare hand, use a cloth or glove when removing and inserting bulb.
- Screw light lens back on by turning clockwise.



Turn oven light lens counterclockwise to unscrew.



Replace light bulb with 120Vac 40 watt G9 base halogen bulb.

5.TROUBLESHOOTING

TROUBLESHOOTING

FAQs

Frequently Asked Questions

About the Upper Microwave Oven

Q: Can I use a rack in my upper oven to reheat or cook on two levels at once?

A: Only use the rack that is supplied with your upper oven. Use of any other rack can result in poor cooking performance and/or arcing and may damage your oven.

Q: Will the upper oven be damaged if it operates while empty?

A: Yes. Never operate the oven while it is empty or without the glass tray.

Q: Does microwave energy pass through the viewing screen in the door?

A: No. The metal screen bounces the energy back to the oven cavity. The holes (or ports) allow only light to pass through. They do not let microwave energy pass through.

Q: Why do I see a light reflection around the outer case?

A: This light is from the upper oven light which is located between the oven cavity and the outer wall of the oven.

Q: What are the various sounds I hear when the upper oven is operating?

A: The clicking sound is caused by a mechanical switch turning the microwave oven's magnetron ON and OFF. The heavy hum and clunk is from the change in power the magnetron draws as it is turned ON and OFF by a mechanical switch. The change in blower speed is from the change in line voltage caused by the magnetron being turned ON and OFF.

Q: Can my upper oven be damaged if food is cooked for too long?

A: Like any other cooking appliance, it is possible to overcook food to the point that the food creates smoke and even possibly fire, and damages the inside of the oven. It is always best to be near the oven while you are cooking.

Q: Why is a standing time recommended after microwave cooking time is over?

A: Standing time allows foods to continue cooking evenly for a few minutes after the actual microwave oven cooking cycle. The amount of standing time depends upon the density of the foods.

Q: Why is additional time required for cooking food stored in the refrigerator?

A: As in conventional cooking, the initial temperature of food affects total cooking time. You need more time to cook food taken out of a refrigerator than for food at room temperature.

Q: Can I use either metal or aluminum pans in my upper oven?

A: Usable metal includes aluminum foil for shielding (use small, flat pieces), and shallow foil trays (if tray is $\frac{3}{4}$ inch deep and filled with food to absorb microwave energy). Never allow metal to touch walls or door.

Q: Sometimes the door of my upper oven appears wavy. Is this normal?

A: This appearance is normal and does not affect the operation of your oven.

5.TROUBLESHOOTING

Q: Why does the dish become hot when I microwave food in it? I thought that this should not happen.

A: As the food becomes hot it will conduct the heat to the dish. Use hot pads to remove food after cooking.

Q: What does standing time mean?

A: Standing time means that food should be taken out of the oven and covered for additional time after cooking. This process allows the cooking to finish, saves energy, and frees the oven for other purposes.

Q: Can I pop popcorn in my upper oven? How do I get the best results?

A: Yes. Pop packaged microwave popcorn following manufacturer's guidelines or use the preprogrammed Popcorn button.

Do not use regular paper bags. Use the listening test by stopping the oven as soon as the popping slows to a pop every one or two seconds. Do not try to repop unpopped kernels. You can also use special microwave poppers. When using a popper, be sure to follow manufacturer's directions. Do not pop popcorn in glass utensils.

Q: Why does steam come out of the air exhaust vent?

A: Steam is normally produced during cooking. The upper oven has been designed to vent steam out of the top vent.

About the Lower Oven

Q: My new oven doesn't cook like my old one. Is there something wrong with the temperature settings?

A: No. Your oven has been factory tested and calibrated. For the first few uses, follow your recipe times and temperatures carefully. If you still think your new oven is too hot or too cold, you can adjust the oven temperature yourself to meet your specific cooking needs. Refer to the Changing Settings section in this manual for easy instructions on how to adjust your thermostat.

Q: Is it normal to hear a clicking noise coming from the back of my oven when I am using it?

A: Your new appliance is designed to maintain a tighter control over your oven's temperature. You may hear your oven's heating elements click on and off more frequently on your new oven. This is NORMAL.

Q: Why is the time flashing?

A: This means that the product has just been plugged in, or that it has experienced a power interruption. To clear the flashing time, touch any button and reset the clock if needed.

Q: During convection cooking the fan stops when I open the door. Is that normal?

A: Yes, this is normal. When the door is opened, the convection fan will stop until the door is closed.

Q: Can I use aluminum foil to catch drippings in my oven cavity?

A: Never use aluminum foil to line the bottom or sides of the oven. The foil will melt and stick to the bottom surface of the oven and will not be removable. Use a foil-lined sheet pan placed on a lower oven rack to catch drippings instead. (If foil has already melted onto the bottom of the oven, it will not interfere with the oven's performance.)

Q: Can I use aluminum foil on the racks?

A: Do not cover racks with aluminum foil. Covering entire racks with foil restricts air flow, leading to poor cooking results. Use a sheet pan lined with foil under fruit pies or other acidic or sugary foods to prevent spillovers from damaging the oven finish.

CAUTION

Foil may be used to wrap food in the oven, but do not allow the foil to come into contact with the exposed heating/broiling elements in the oven. The foil could melt or ignite, causing smoke, fire, or injury.

5.TROUBLESHOOTING

Q: What should I do if my racks are sticky and have become hard to slide in and out?
A: Over time, the racks may become hard to slide in and out. Apply a small amount of olive oil to the sides of the racks. This will work as a lubricant for easier gliding.

Q: Why aren't the function buttons working?
A: Make sure that the appliance is not in Control Lock mode. The lock will show in the display if Control Lock is activated. To deactivate Control Lock, refer to the Control Lock Feature section. The unlock melody sounds and Loc appears in the display until the controls are unlocked.

Q: Are there any tricks to getting some of the stubborn soils out?
A: Scraping the soils with a plastic scraper before and during hand-cleaning is recommended. Fully saturating soils with water is also recommended.

Q: How can I help keep children safe around the appliance?
A: Children should be supervised around the appliance whenever it is in use, and after use until surfaces have cooled. You can also use the Control Lock feature to help prevent children from accidentally turning on the oven. The Control Lock feature disables most control panel buttons. Consult the Control Lock Feature section of your owner's manual for details.

Problem	Possible Solution
Oven control beeps and displays°F and number	• The electronic control has detected a fault. • Press the CLEAR OFF key to clear display. • Reprogram cycle and try again. If error continues turn off power to the oven for 5 min via the circuit breaker . After 5min turn power on and retry. • If error continues contact qualified service technician.
No power / No display	• Power outage, Check other items in the house such as lights. • Check house circuit breaker. Turn off the circuit breaker to the oven and reset back to the on position.
Oven cavity light doesn't turn on	Replace oven cavity light bulb.
Food is not baking or roasting properly	• Oven control was not set correctly-go to the Operating the oven section of the user manual. • Rack position being used is not correct-Go to the Operation the oven section of the user manual. • Incorrect cookware or cookware of improper size being used-Go to the operating the oven section of user manual. • Temperature adjustment needed. See Operating the oven manual temp adjustment section.
Food is not broiling correctly	Oven controls are improperly set.-Make sure Broil function is selected Improper rack position is being used. See Operating the oven broiling section. Using cookware not suited for broiling, use the broil pan that came with the oven.

5.TROUBLESHOOTING

Problem	Possible Solution
Oven smokes during broiling	- Food product is placed too close to broil element. - Rack position is incorrect. - Food product not properly prepared. Remove excess fat from cuts of meats. Trim fatty edges to prevent curling. - Incorrect cookware used, use the supplied broiler pan to allow the grease to drip below the slots. - Grease has built up on oven cavity surfaces. Regular cleaning is required when doing heavy amounts of broiling due to grease splatter.
Oven temp is too hot or too cold	- Oven temp sensor off set needs to be adjusted. - See manual temp adjust, Oven Temp can be increased or decreased by 35 deg.
Cracking / popping sounds	This is a normal sound, as metal heats and cools there is expansion and contraction sounds during the heating process.
Oven is not clean after a self clean	- Oven control not set correctly or for long enough of a cleaning cycle Heavy soil 5hr, Normal soil 3 hours. - Soil level in oven is too high, self clean more frequently. - Clean up heavy spill over before starting the clean cycle. - Oven may need a second self clean cycle if heavy soil was present during previous self clean.
Excessive smoking during self clean cycle	- Excessive soil in oven cavity. - Cancel cleaning cycle, open windows and turn on exhaust hood to remove smoke. Allow oven to cool and door to unlock. Clean up excessive soil from cavity and restart self clean cycle.
Burning or oily odor emitting from the oven and vents	This is normal for a new oven and will dissipate with use. Run the oven prior to first use following the seasoning process outlined in the BEFORE YOU BEGIN section of owner's manual.
Cooling fan runs after the oven is turned off	This is normal, the cooling fan will continue to run until the oven has cooled below 165°F. Once it has cooled below this temperature it will automatically turn off.
Warm air is exhausting out below the door	This is normal, the oven cooling fan will draw cool air in the oven door and this air will be cycled over the top and back of the oven. The warm air will be exhausted out the bottom vent of the oven into the kitchen.

Upper Oven Error Code

Problem	Error Description
F1E1	Display board and power board communication failure
F1E4	Display board and left touchpad communication failure
F1E5	Display board and right touchpad communication failure
F3E1 (Constant light display)	Temperature sensor open circuit fault
F3E1 (Flashing display)	Temperature sensor short circuit fault
F3E8	Humidity sensor communication failure
F3E9	Humidity sensor module failure

5.TROUBLESHOOTING

Problem	Error Description
F6E6	Safety protector disconnection fault(Microwave or barbecue fault)

Lower Oven Error Code

Problem	Error Description
F1E1	Display board and power board communication failure
F1E2	Software version numbers of the two power boards in the double layer oven are not synchronized
F3E1	Oven temperature sensor open-circuit/short-circuit
F3E3	Oven overheating
F3E4	PCB temperature sensor fault
F3E5	PCB board overheating
F3E6	Food probe fault
F3E7	Thermostat over - temperature
F4E1	MCU self - check fault
F5E1	Door lock fault
F5E2	Door switch fault
F6E1	Heat dissipation/Hall fault

PRODUCT INFORMATION

Model number(s):	OL45141-OZ601PMSNA
Voltage & frequency:	240V, 60Hz
Product dimensions (mm):	762(W)x1079.8(H) ×638.1(D)
Rated input in watts:	6100W
Microwave oven (upper oven)	
Top Heater Power	1700W
Lower Heater Power:	600W
Back Heater Power:	1700W
Microwave Power:	950W
Oven (lower oven)	
Top Heater Power:	3500W
Lower Heater Power:	3000W
Back Heater Power:	800W
Oven Light:	120V,40W

Warranty Terms

Dear Customer,

Thank you for choosing Dreame products. In accordance with the provisions of the Consumer Protection Law and our sincere commitment to users, we will provide the following services based on this warranty card and valid proof of purchase:

Warranty Policy

This product provides a warranty period in accordance with the legal and regulatory requirements of the place of sale. Defects that occur within this warranty period under normal use and care can get related warranty service. If your product is faulty or you are experiencing difficulties to use this product and require assistance, please also contact with your local dealers or authorized after service center for help.

Warranty Does Not Cover the Following Parts

- Dishwasher water supply and drainage hoses;
- Built-in steam oven trays, steam plates, grill racks, and baking racks;
- Gas stove pot supports and inner/outer burner caps;
- Range hood decorative covers.

Warranty service does not apply under the following conditions

- Use of the machine outside a household environment or in public places;
- Product defects caused by the consumer's violation of product operation, storage, or transportation conditions;
- Consumable wear and tear of the product, such as battery capacity loss;
- Damage and defects caused by the following reasons:
 - Use, storage, or maintenance inconsistent with the operating instructions, as well as installation not in accordance with installation guidelines;
 - Consumable materials used during operation, such as detergents, cleaning agents, regeneration salts, rinse aids, maintenance agents, or other consumables not suitable for the product;
 - Repairs, modifications, alterations, or structural changes performed by the user or unauthorized personnel that cause product defects;
 - Damage caused by external factors unrelated to the manufacturer, including force majeure events (natural disasters, fire, lightning, etc.);
 - Intentional or negligent acts by consumers or third parties, including those causing mechanical damage to the product;
 - Consumable and wear parts.
- Installation and connection of electrical wiring, water supply, drainage, or gas must be performed by qualified professionals; otherwise, the warranty will be void.

If the equipment is transported and used in other EU/European Free Trade Association countries, its technical specifications (such as voltage, frequency, gas type, etc.) must be the same as in the original country of purchase. Provided that Dreame has a service network in the area, warranty terms can be consulted with the local representative in the country of use; otherwise, the warranty will be invalid.

Warranty Card

To access Dreame's after-sales services, please fill out this warranty card carefully before purchase. We will establish a user profile based on your information to provide better service.

Warranty Card

Product Name:	Customer Name:
Product Model:	Customer Phone No.:
Manufacturing Serial No.:	Customer Address:
Purchase Date:	Purchase Store:
Contract No.:	Store Phone No.:

Repair Records

Repair Date:
Fault Description:
Handling Details:
Technician Signature:

After-sales Contact: dreamesupport@dreame.tech

Please complete this warranty card immediately upon purchasing Dreame products. Keep the warranty card safe; consumers do not need to mail it back to the company. Please bring the warranty card and the original valid invoice for any repairs.

Zhiyue Youchuang Technology (Suzhou) Co., Ltd.



Scan the QR Code

- To view the Digital User Manual

Contact us



Please contact:

- If you encounter any problems during use, you can scan the QR code on the right to obtain the service hotline number and call for consultation.

Manufacturer: Zhiyue Youchuang Technology (Suzhou) Co., Ltd.

Address: Room 552, Unit 5010, No.282 Dongping Street, Suzhou Industrial Park, Suzhou Area,
China (Jiangsu) Pilot Free Trade Zone

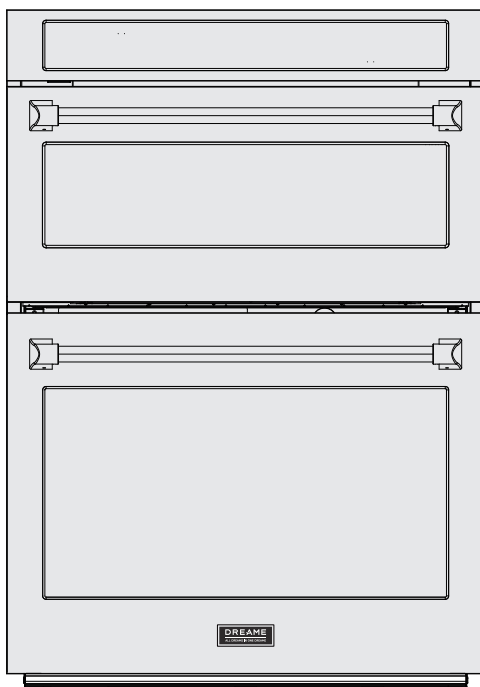
Website: global.dreametech.com

Version No.: 251113A1

Microwave Oven Combination

Installation Instructions Manual

Model: OL45141-OZ601PMSNA



Dreame OZ601 Pro Microwave Oven Combination

Please read this manual carefully before installing the product and keep it for future reference.

DREAME

TABLE OF CONTENTS

IMPORTANT SAFETY INSTRUCTIONS.....4

READ ALL INSTRUCTIONS BEFORE USE..... 4

Safety Messages. 4

WARNING..... 4

Before Installing..... 5

INSTALLATION 6

Dimension and clearances..... 6

Cutout Dimensions(Built-in) 7

Cutout Dimensions (Flush) 8

Parts / Tools10

Installing and Testing the Oven..... 11

Installing Oven and Assembling Oven Doors.....12

Electrical Requirements 14

Making Electrical Connections14

4-Wire Connection from Home Power Supply.....15

3-Wire Connection from Home Power Supply.....15

Test the Oven Before Use.....16

3

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

Safety Messages

Your safety and the safety of others are very important.

- We have provided many important safety messages in this manual and on your appliance. Always read and follow all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or injure you and others. All safety messages will follow the safety alert symbol and either the word WARNING or CAUTION.

These words mean:



WARNING

You may be killed or seriously injured if you do not follow instructions.



CAUTION

You may be injured or cause damage to the product if you do not follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what may happen if the instructions are not followed.



WARNING

- To reduce the risk of explosion, fire, death, electric shock, injury or scalding to persons when using this product, follow basic precautions, including the following:

Installation

- Never allow anyone to climb, sit, stand or hang on the oven door. Injury might result from contact with hot food or the oven itself.
- Do not line the oven walls, racks, bottom, or any other part of the oven with aluminum foil or any other material. Doing so will disrupt heat distribution, produce poor baking results and cause permanent damage to the oven interior. (Aluminum foil will melt on the interior surface of the oven.)
- Do not use aluminum foil or any other material to line the oven bottom. Improper installation of oven liners may result in a risk of electric shock or fire.
- Make sure your appliance is properly installed and grounded by a qualified installer, according to the installation instructions. Any adjustment and service should be performed only by qualified installers or service technicians.
- Be certain that all packing materials are removed from the appliance before operating. Keep plastic, clothes, paper, and other flammable materials away from parts of the appliance that may become hot.
- The electrical power must be shut off while the electrical connections are being made.
- Improper connection of aluminum house wiring to copper leads can result in an electrical hazard or fire. Use only connectors designed for joining copper to aluminum and follow the manufacturer's recommended procedure closely.
- Important-Save for the local electrical inspector's use

IMPORTANT SAFETY INSTRUCTIONS

INSTALLATION

Before Installing

Proper Location and Dimensions

CAUTION

- The cabinet base platform must be able to support 243lbs(110kg)for this appliance.If the cabinet does not have a solid bottom,two braces or runners must be installed level with the bottom of the cutout to support the weight of the appliance.Make sure the base is level and the front of the cabinet is square.If the cabinet base is not level,the oven racks will tend to slide out when opening the door.
- Make sure the cabinets and wall coverings around the oven can withstand the temperature (up to 194°F(90°C)generated by the oven.- Discoloration,delamination or melting may occur.
- DO NOT remove spacers c on the side walls of the builtin oven.These spacers center the oven in the space provided.The oven must be centered to prevent excess heat buildup that may result in heat damage or fire.
- Kitchen cabinets in contact with the oven must be heat resistant up to194°F(90°C) and fronts of nearby units up to at least 158°F(70°C).
- The information in this manual should be followed exactly.Failure to do so could result in fire or electrical shock,causing property damage,per-sonal injury or death.
- DO NOT put any weight on the oven door. Never allow anyone to climb,sit,stand or hang on the oven door.The oven could be tipped and injury might result from contact with hot food or the oven itself.

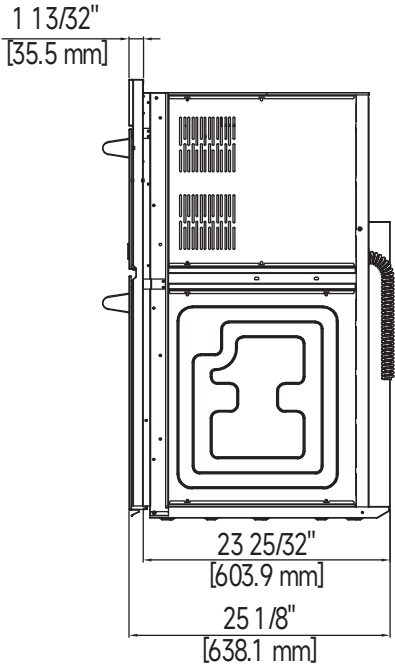
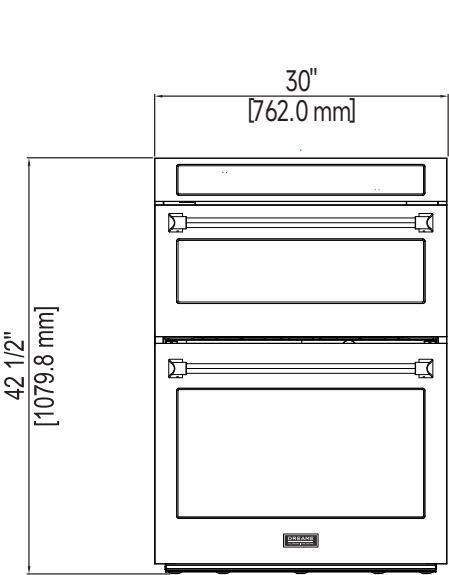
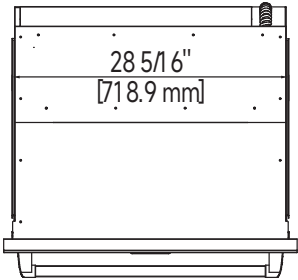
- DO NOT block the oven air exhaust located at the bottom of the oven.- Blocking the exhaust may cause cabinet damage and product malfunction.

NOTE

- If marks,blemishes or the cutout opening are visible above the installed appliance,it may be necessary to add wood shims under the runners and front trim until the marks or opening are covered.
- If the cabinetdoes not have a front frame and the sides are less than 3/4"(1.9 cm)thick. shim both sides equally to establish the cutoutwidth
- The junctionbox must be flush withthe conduitopeningb of the cabinetas shown below.
- Allow at least a 23"clearance for the door depth when it isopen.
- Do not remove the gliding racks from the base packing.Gliding racks are attached separately to the top and bottomof the oven.

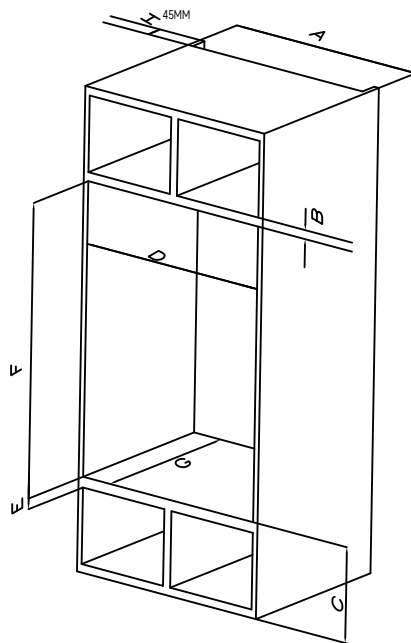
INSTALLATION

Dimensions and Clearances



INSTALLATION

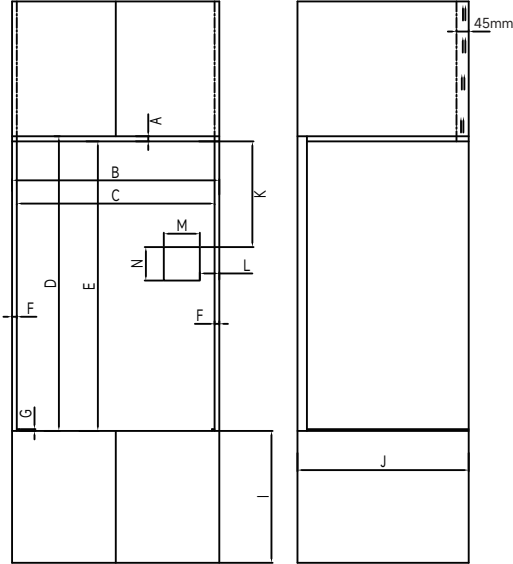
Cutout Dimensions(Surface Mount)



List		Dimensions
A	Minimum cabinet width	30" (76.2 cm)
B	Top of cutout to bottom of upper cabinet door	1 1/4" (3.2 cm)
C	Bottom of cutout to floor	7 1/2 - 19 1/4" (19.1-48.9cm)
D	Minimum cutout width	28 1/2" (72.4 cm)
E	Minimum bottom of cutout to top of the cabinet door	1 1/2" (3.8 cm)
F	Recommended cutout height	41 68/127" Min. (105.5cm)
G	Cutout depth	24" (607 cm)

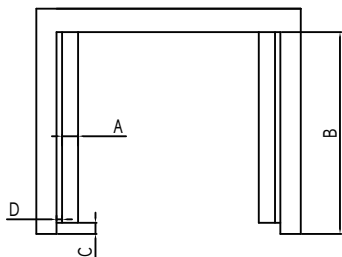
INSTALLATION

Cutout Dimensions (Flush Mount)



List		Dimensions
A	Top cleat: 125/127"	125/127" (2.5cm)
B	Minimum width of flush inset cutout	30 1/4" (76.8 cm)
C	Minimum width of opening	28 74/127 " (72.6cm)
D	Minimum height of flush inset cutout	42 91/127" (108.5cm)
E	Recommend cutout height	41 93/127" (106cm)
F	Side cleat:	105/127" (2.1cm)
G	Recommended with. foot. 15/16" 1 5/16" (2.3cm to 3.5cm) allowable without foot	1/4" (0.6 cm)
H	Recommended junction box location	/
I	Bottom of cutout to floor	4 5/8" 19 1/4" (11.7-48.9cm)
J	Minimum depth of cutout	25 50/127" (64.5cm)
K	Distance to edge	14 47/127 (36.5cm)
L	Distance to edge	1 123/127" (5 cm)
M	Length of power cable installation cutout	3 119/127 inch (10cm)
N	Width of power cable installation cutout	3 119/127 (10cm)

INSTALLATION



Top View

30" (76.2 cm) models

A. 2" (5.1cm) spacer the entire depth of the cutout*

B. 25.39"(64.5cm) depth of cutout

C. 1 ½" (3.5cm) recess from front of cabinet

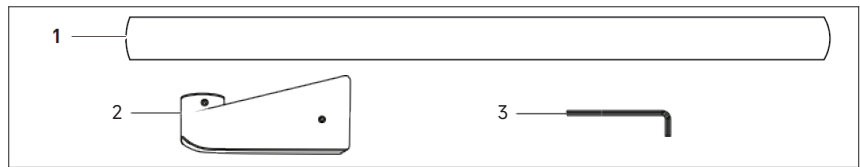
D. 11/16" (1.7 cm) side cleat*

INSTALLATION

Parts / Tools

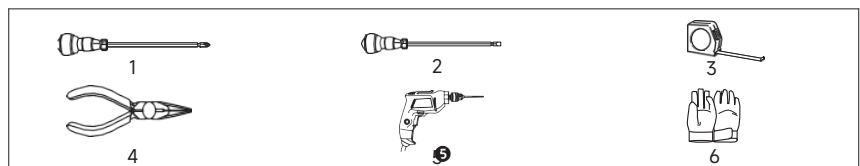
-  **WARNING**
- Mounting screws must be used. Failure to do so can result in the oven falling out of the cabinet causing serious injury.

Parts Provided



1	Door handle x 1	3	Hex key x 1
2	Door side bracket x 2		

Tools Needed



1	Phillips screwdriver	4	Pliers
2	Flat-blade screwdriver	5	Drill
3	Tape measure	6	Gloves

- NOTE**
- Observe all governing codes and ordinances.
 - Have the installer show you the location of the circuit breaker or fuse. Mark it for easy reference.
 - As when using any appliance generating heat, there are certain safety precautions you should follow.
 - Be sure your appliance is installed and grounded properly by a qualified installer or service technician.

INSTALLATION

Installing and Testing the Oven

Unpacking and Removing Oven Doors

⚠ WARNING

- Keep packing materials out of the reach of children. Packaging material can be dangerous for children. There is a risk of suffocation.
- You should use two or more people to move and install the appliance. (Excessive Weight Hazard) Failure to do so can result in back or other injury.
- Do not use the door handles to push or pull the appliance during installation or when moving the appliance out for cleaning or service. Doing so can result in serious damage to the door of the appliance.
- To reduce the risk of burns, do not move this appliance while it is hot.

NOTE

- To remove any remaining tape or glue, rub the area briskly with your thumb. Tape or glue residue can also be easily removed by rubbing a small amount of liquid dish soap over the adhesive with your fingers. Wipe with warm water and dry.
- Do not use sharp instruments, rubbing alcohol, flammable fluids, or abrasive cleaners to remove tape or glue. These products can damage the surface of your appliance.
- Door removal is not a requirement for installation of the oven, but is an added convenience

Unpacking Materials

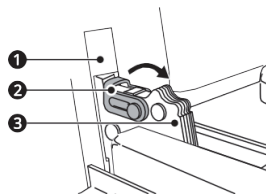
Remove any packing material from the oven before installing the oven.

- 1 Remove all tape from around the oven.
- 2 Open the oven door and remove packaging materials and oven racks inside the oven.

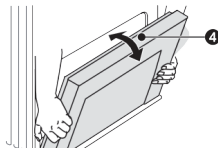
Removing Lower Oven Door

- 1 Fully open the door.

- 2 Unlock the hinge locks, rotating them as far toward the open door frame as they will go.



- 3 Firmly grasp both sides of the door at the top.
- 4 Close the door to the removal position (approximately five degrees) which is halfway between the broil stop position and fully closed. If the position is correct, the hinge arms will move freely.



- 5 Lift door up and out until the hinge arm is clear of the slot. Set the door aside on a protected surface.
- 6 Place the oven on a table or platform even with the cutout opening. The table or platform must support 202 lbs (92 kg) for a combination wall oven.

NOTE

- Use two hands to remove lower oven door.
- Do not lift the door by the handle. The oven door is very heavy. Firmly grasp the door by the sides before lifting it off the hinges.
- Do not lay the oven door on its handle. Doing so may cause dents or scratches.

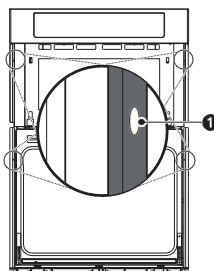
INSTALLATION

Installing Oven and Assembling Oven Doors

Installing the Oven

Install the oven into the cabinet as follows:

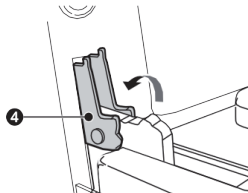
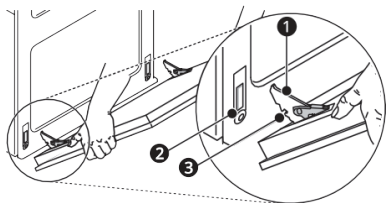
- 1 Use caution when lifting the oven and wear gloves to protect hands from any sharp edges.
- 2 Use two or more people to lift or move the oven into the cabinet opening
 - Loop (do not tie) a 36"(91 cm) string around the conduit before the oven is slid into place. Lay the string over the top of the oven and use it to keep the conduit from falling behind the oven.
 - Lift oven into cabinet cutout using the oven opening as a grip. Carefully push against the oven front frame.
 - Do not push against outside edges. While sliding the oven back, pull the string so that the conduit lies on the top of the oven in a natural loop.
 - When you are sure the conduit is out of the way, slide the oven 3/4 way back into the opening. Remove the string by pulling on one end of the loop.
- 3 Secure the oven.
 - Using the mounting holes on the oven side trim as a guide, drill pilot holes for screws provided. (For securing the oven, use a minimum of 4 screws, one on each side in both the upper and lower ovens.)



- Secure the oven to the cabinet with screws provided. If the cabinet is particle board, you must use 3/4 particle board screws. These may be purchased at any hardware store.

Assembling Oven Doors

- 1 Firmly grasp both sides of the door at the top.
- 2 With the door at the same angle as the removal position, seat the indentation of the hinge arms into the bottom edge of the hinge slots. The notch in the hinge arms must be fully seated into the bottom edge of the slots.
- 3 Open the door fully. If the door will not open fully, the indentation is not seated correctly in the bottom edge of the slots.
- 4 Lock the hinge locks, rotating them back toward the slots in the oven frame until they lock.

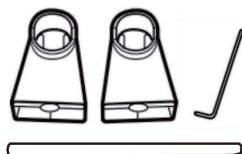


- 5 Close the oven door.

INSTALLATION

Mounting Handle

1. Insert the tubular handle in to the handle holder end caps.

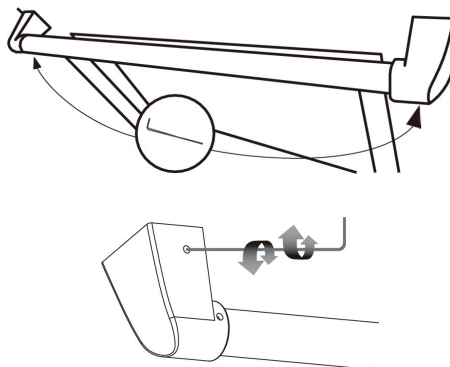


Door Handle parts

2. While holding the two handle end caps in place on the tubular handle, align the handle end cap opening up with the studs on the door. Slide handle holders on to the door studs.



While holding the door handle assembly in place on the door studs use the supplied Allen wrench to tighten the set screws on the under side of each handle holder.



INSTALLATION

Electrical Requirements

Ensure that dedicated circuit protection is prepared as recommended and that the appliance is grounded properly.

This wall oven must be electrically grounded in accordance with local codes or, in their absence, with the National Electrical Code ANSI/NFPA No. 70-latest edition* in United States, or with CSA Standard C22.11982 and C22.2 No. 01982 (or latest edition)**

WARNING

- Do Not ground to a gas pipe.
- Do Not have a fuse in the neutral or grounding circuit.
- A U.L.-listed conduit connector must be provided at the junction box.
- The appliance must be hard wired (direct wired) into an approved junction box. A plug and receptacle is not permitted on these products.
- DO NOT shorten the flexible conduit. The conduit connector must be securely attached to the junction box and the flexible conduit must be securely attached to the conduit connector. If the flexible conduit will not fit within the connector, do not install the oven until a connector of the proper size is obtained.

NOTE

- The power leads supplied with the appliance are UL, CSA recognized for connection to larger gauge household wiring. The insulation of these leads is rated at temperatures much higher than the temperature rating of household wiring. The current carrying capacity of the conductor is governed by the wire gauge and the temperature rating of the insulation around the wire.
- You will need to purchase an appropriate conduit connector to complete the connection of the conduit to the junction box.

Canadian Electrical Code, Part 1, and all local codes and ordinances.

All wiring should conform to Local and NEC codes. This appliance requires a single-phase, 3 wire, A.C 208V or 240V 60 Hz electrical system.

Use only a 3-conductor or a 4 conductor UL listed cord with closed-loop terminals, open-end spade lugs with upturned ends or similar termination. Do not install the power cord without a strain relief.

Making Electrical Connections

WARNING

- New branch circuit installations (1996 NEC). mobile homes, recreational vehicles, or installations where local codes prohibit grounding through the neutral conductor require 4-wire branch circuit connection.
- Improper connection of aluminum house wiring to copper leads can result in an electrical hazard or fire. Use only connectors designed for joining copper to aluminum and follow the manufacturer's recommended procedure closely.

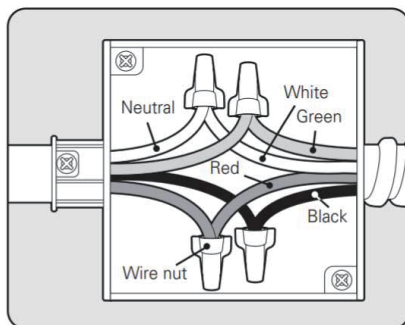
- 1 Turn off the circuit breaker or remove fuses to the oven branch circuit.
- 2 With the oven positioned directly in front of the cabinet opening, connect the flexible conduit to the electrical junction box. Position the conduit in such a manner that it will lie on top of the oven in a natural loop when the oven is installed.
- 3 If local codes permit connection of the frame grounding conductor to the neutral (white) wire, follow the instructions for a 3-wire circuit connection.
- 4 If used in mobile homes or new construction, or a recreational vehicle, or local codes do not permit connection of the frame grounding conductor to the neutral (white) wire, follow the instructions for a 4-wire circuit connection.

INSTALLATION

4-Wire Connection from Home Power Supply

To connect to a Four wire circuit follow below steps.

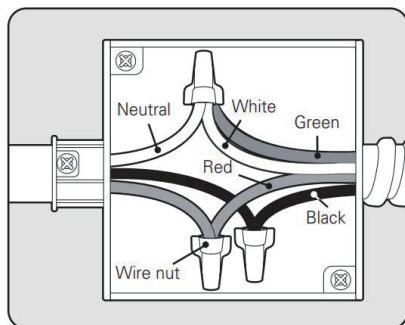
1. Separate the oven Ground and (white) Neutral wire.
2. Connect the oven ground (Green or bare copper wire) wire to the home branch circuit Ground (Green or bare copper) wire, using a UL approved wire nut appropriate for wire gauge.
3. Connect the oven (White) wire to the branch circuit White (Neutral) wire using an approved UL wire nut.
4. Connect the oven Black wire to the branch circuit Black (L1) using a UL approved wire nut.
5. Connect the oven Red wire to the branch circuit Red (L2) wire using a UL approved Wire nut.
6. Install junction box cover.



3-Wire Connection from Home Power Supply

To connect to a Three wire circuit follow below steps.

1. Connect the oven ground (Green or bare copper wire) and Neutral (white) wire to the home branch circuit neutral (white) wire, using a UL approved wire nut appropriate for wire gauge.
2. Connect the oven Red wire to the branch circuit Red (L2) wire using an approved UL wire nut appropriate for wire gauge.
3. Connect the oven Black wire to the branch circuit Black (L1) using a UL approved wire nut appropriate for the wire gauge.
4. Install junction box cover.



INSTALLATION

Test the Oven Before Use

Each of the functions has been factory checked before shipping. However, it is suggested that you verify the operation of the oven once more. Refer to the owner's manual.

Follow the instructions for the basic check.

- Turn on power supply. The initial signal sound is heard and the Clock segment appears in the display.

NOTE

- Depending on the model, some of the following functions may not be available.
-

Common

- 1 Turn on the power supply. The initial signal sound will be heard.
- 2 Check the operation of the broil mode.
 - When the oven is set to broil, the upper element in the oven should become red.
After a few minutes, partially open the oven door. You should feel heat from the oven. Touch CLEAR OFF.
- 3 Check the operation of the convection bake mode.
 - After setting the oven to 325 °F / 162 °C for convection baking, the fan inside the oven should come on with the door closed.
Touch CLEAR OFF.
- 4 Check the operation of the bake mode.
 - After setting the oven to 350 °F / 177 °C for baking, the temperature of the oven in the display should increase. Touch CLEAR OFF.
- 5 Turn on and off the oven light to check that the lights are in normal condition.

Upper Oven

- 1 Place a glass bowl filled with water in upper oven.
- 2 Turn the microwave on for 1 minute. The water should be hot.
- 3 Touch CLEAR OFF.

Lower Oven

- 1 Check the operation of the burner for each convection mode.
 - After setting the oven to 350 °F / 177 °C for each convection mode, the back element should light up and the fan inside the oven should come on with the door closed.
-

NOTE

- A small amount of smoke and odor may be noticeable during the initial break-in period.
 - If the oven does not operate properly or an F-, followed by a number, appears in the display, see the Owner's Manual for the troubleshooting list. The list includes common occurrences that are not the result of defective workmanship or materials in this product. If the problem occurs continuously, contact the dealer.
 - Refer to the warranty in the Owner's Manual for the Thor toll-free service number and address.
-



Scan the QR Code

- To view the Digital User Manual

Contact us



Please contact:

- If you encounter any problems during use, you can scan the QR code on the right to obtain the service hotline number and call for consultation.

Manufacturer: Zhiyue Youchuang Technology (Suzhou) Co., Ltd.

Address: Room 552, Unit 5010, No.282 Dongping Street, Suzhou Industrial Park, Suzhou Area,
China (Jiangsu) Pilot Free Trade Zone

Website: global.dreametech.com

Version No.: 251113A1