

Built-In Convection Microwave Oven (Speed Oven)

Use and Care Manual

500 SERIES
HMC54151UC



BOSCH
Invented for life



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Additional information on products, accessories, replacement parts and services can be found at **www.bosch-home.com** and in the online shop **www.bosch-home.com/us/store**

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We look forward to hearing from you!

Safety Definitions

▲ WARNING

This indicates that death or serious injuries may occur as a result of non-observance of this warning.

▲ CAUTION

This indicates that minor or moderate injuries may occur as a result of non-observance of this warning.

NOTICE: This indicates that damage to the appliance or property may occur as a result of non-compliance with this advisory.

Note: This alerts you to important information and/or tips.

⚠ IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

⚠ PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

- (1) 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.
- (2) Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.
- (3) 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:
 - door (bent)
 - hinges and latches (broken or loosened)
 - door seals and sealing surfaces.
- (4) The oven should not be adjusted or repaired by anyone except authorized service personnel. Improper installation, service or maintenance can cause injury or property damage. Refer to this manual for guidance. Refer all servicing to a factory authorized servicer.

WARNING

To reduce the risk of burns, electric shock, fire, injury to persons, or exposure to excessive microwave energy, read all instructions before using the appliance.

WARNING

If the information in this manual is not followed exactly, fire or shock may result causing property damage or personal injury.

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

- Read and follow the specific "PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY" found in the Safety Instructions chapter.
- This appliance must be grounded. Connect only to properly grounded outlet (see **GROUNDING INSTRUCTIONS**).
- 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 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.

As with any appliance, close supervision is necessary when used by children (see **CHILD SAFETY**).

This appliance should be serviced only by authorized service personnel. Contact nearest authorized service facility for examination, repair, or adjustment.

Do not cover or block any vents or 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 locations.

Suitable for plug-connected only:

- (1) Do not immerse cord or plug in water.
- (2) Keep cord away from heated surfaces.
- (3) Do not let cord hang over edge of table or counter.
- (4) Do not operate this appliance if it has a damaged cord or plug, if it is not working properly, or if it has been damaged or dropped.

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. See door surface cleaning instructions in chapter "Cleaning and Maintenance".

To reduce the risk of fire in the oven cavity:

- Do not overcook food. Carefully attend appliance when paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.
- Remove wire twist-ties from paper or plastic bags before placing bag in oven.
- If materials inside the oven ignite, keep oven door closed, turn oven off, and disconnect the power cord, or shut off power at the fuse or circuit breaker panel.
- Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils, or food in the cavity when not in use.

GROUNDING INSTRUCTIONS

This appliance must be grounded. Grounding reduces risk of electric shock by providing a safe pathway for electric current in the event of a short circuit. If this oven is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded. See **INSTALLATION INSTRUCTIONS**.

Consult a qualified electrician or servicer if grounding instructions are not completely understood, or if doubt exists as to whether the oven is properly grounded.

Do not use an extension cord. If the product power cord is too short, have a qualified electrician install a three-slot receptacle. This oven should be plugged into a separate 60 Hertz circuit with the electrical rating as shown in specifications table. When the oven is on a

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

circuit with other equipment, an increase in cooking times may be required and fuses can be blown.

The model stated on the front cover is designed to be connected to 120V AC, 60 Hz and use a NEMA 5-20 plug to connect to a dedicated 120 V microwave circuit.

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

TV / Radio Interference

This appliance generates and uses ISM frequency energy. If not installed and used properly, in strict accordance with the manufacturer's instructions, it may cause interference to radio and television reception. It has been type tested and found to comply with limits for ISM equipment pursuant to part 18 of FCC rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. Turn the appliance on and off to determine if it causes interference. Try the following to correct the interference:

- Clean door and sealing surface of the oven.
- Reorient the receiving antenna of the radio or television.
- Relocate the microwave oven with respect to the receiver.
- Move the microwave oven away from the receiver.
- Plug the microwave into a different outlet so that the oven and the receiver are on different branch circuits.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification to this microwave oven. It is the responsibility of the user to correct such interference.

Intended Use

This appliance is intended for normal family household use only. It is not approved for outdoor use. See the Statement of Limited Product Warranty. If you have any questions, contact the manufacturer.

Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils, or food in the cavity when not in use.

Do not operate oven when room humidity is excessive.

This oven is suitable for use above both conventional built-in gas and electric ovens 36" (914 mm) or less wide.

Child Safety

Do not allow children to use this appliance. Failure to do so can result in burns or serious injury to children. Children and pets should not be left alone or unattended in the area where the appliance is in use. They should never be allowed to play in its vicinity, whether or not the appliance is in use.

When children become old enough to use the appliance, it is the responsibility of the parents or legal guardians to

ensure that they are instructed in safe practices by qualified persons.

Do not allow anyone to climb, stand, lean, sit, or hang on any part of an appliance, especially a door, warming drawer, or storage drawer. This can damage the appliance, and the unit may tip over, potentially causing severe injury.

Cleaning Safety

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. See door surface cleaning instructions in chapter "Cleaning and Maintenance".

Clean turntable roller rest and oven floor frequently to prevent excessive noise.

Allow the ceramic tray to cool before cleaning or placing in water.

WARNING

Be sure the entire appliance (including the light bulb) has cooled and grease has solidified before attempting to clean any part of the appliance.

Cooking Safety

CAUTION

To avoid personal injury or property damage, observe the following:

- Do not leave oven unattended while in use.
- Do not store flammable material next to or in the oven.
- When flaming foods under the microwave, always turn the fan on.
- Do not operate the oven while empty. This could damage the oven and result in a risk of fire.
- Do not store or use corrosive chemicals, vapors, flammables or nonfood products in or near this appliance. It is specifically designed for use when heating or cooking food. The use of corrosive chemicals in heating or cleaning will damage the appliance and could result in injury.
- Do not dry clothes, newspapers or other materials in the oven. Do not use newspapers or paper bags for cooking. Fire could result.
- Do not use recycled paper products unless labeled safe for microwave use. They may contain impurities which may cause sparks and result in fires when used.
- Always use potholders when removing items from the oven. The cooking container and the glass tray can be hot even if the oven is cool.
- Whenever possible, do not operate the ventilation system during a cooktop fire. However, do not reach through fire to turn it off.

⚠ IMPORTANT SAFETY INSTRUCTIONS

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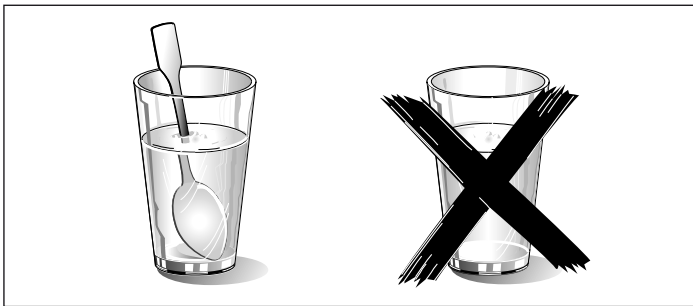
- Do not mount over sink.
- Do not store anything directly on top of the appliance surface when the appliance is in operation.
- Oversized food or oversized metal utensils should not be inserted in a microwave oven as they may create a fire or risk of electric shock.
- Do not clean with metal scouring pads. Pieces can burn off the pad and touch electrical parts involving a risk of electric shock.
- Do not 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.

In Case of Fire

If materials inside an oven should ignite:

1. Keep door closed
2. Turn appliance off
3. Unplug the appliance or shut off at fuse or circuit breaker

Liquids



Liquids, such as water, coffee, or tea could be overheated. They can be heated beyond the boiling point without appearing to boil. For example, 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 UTENSIL IS INSERTED INTO THE LIQUID.

When heating liquids, always place a glass rod/spoon in the container. This will prevent delayed boiling.

CAUTION

Metal e.g. a spoon in a glass must be kept at least 1 in (25 mm) from the oven walls and the inside of the door. Sparks could irreparably damage the glass on the inside of the door.

-
- Take ready meals out of the packaging. They will heat up more quickly and evenly in microwaveable

ovenware. The different components of the meal may not require the same amount of time to heat up.

- Always cover the food. If you do not have a suitable cover for your container, use a plate or special microwave foil.
- Stir or turn the food several times during cooking. Check the temperature.
- After heating, allow the food to stand for a further 2 to 5 minutes so that it can achieve an even temperature.
- Always use an oven cloth or oven gloves when removing plates from the oven.

Cooking Items

Eggs: Do not cook or reheat whole eggs, with or without shell. Steam buildup in whole eggs may cause them to explode, and possibly damage the oven or cause injury. Reheating sliced hard-boiled eggs and cooking scrambled eggs is safe.

Popcorn: Use only popcorn in packages designed and labeled for microwave use, or pop it in a microwave oven corn popper. Follow popcorn manufacturers' directions and use a brand suitable for the wattage of your oven. Do not continue to heat after popping has stopped. Popcorn will scorch or burn. Do not leave oven unattended.

CAUTION

When using pre-packaged microwave popcorn, check package weight before using the popcorn function. Set the oven for the weight of the popcorn package. If these instructions are not followed, popcorn may not pop adequately or may ignite and cause fire.

Foods with nonporous skins: Potatoes, tomatoes, sweet potatoes, apples, whole squash and sausages are examples of foods with nonporous skins. These types of foods must be pierced before cooking to prevent them from exploding.

Baby food / Baby formula: Do not heat baby bottles or food in microwave oven. The glass jar or the surface of food may appear warm while the interior can burn the infant's mouth and esophagus.

Deep fat frying: Do not deep fat fry in oven. Oil can be heated beyond ideal temperatures very quickly in a microwave oven. Temperatures can climb high enough for the cooking oils to reach their respective flash points and burst into flames. The heated oil may bubble and spatter causing possible damage to the oven and perhaps result in burns. Additionally, microwave-safe utensils may not be able to withstand the temperature of the hot oil, and could result in the utensil shattering, if it contains a slight imperfection, scratch or chip.

Home Canning / Drying foods / Small quantities of foods: Do not use microwave oven for home canning or heating of any closed jar. Pressure will build up and the jar may explode. In addition, the oven cannot maintain the food at the proper canning temperature. Improperly canned food may spoil and be dangerous to consume.

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

Small quantities of food or foods with low moisture content can dry out, burn or catch on fire.

Do not dry meats, herbs, fruits or vegetables in your oven.

Proper cooking depends on time set and weight of food. If you use a smaller portion than recommended and cook at the time for the recommended portion, fire could result.

Browning dishes: Microwave browning dishes or grills are designed for microwave cooking only. Preheating times vary depending on the size of the browning dish and food being cooked. Always follow instructions provided by the browning dish or grill manufacturer. Do not preheat browning dishes more than 6 minutes.

Oven roasting bags: If an oven bag is used for microwave cooking, prepare according to package directions. Do not use wire twist-ties to close bags, instead use nylon ties, cotton string or a strip cut from the open end of the bag. Make six ½" (12.7 mm) slits by closure. Place oven cooking bag in a dish slightly larger than the food being cooked.

Cooking Utensils

See also **Microwave Utensil Guide**.

Cooking utensils, the ceramic tray and racks get hot during microwaving. Always use potholders when removing items from the oven. Allow the ceramic tray and the metal racks (if used) to cool before handling. Do not use metal utensils, or dishes with metallic trim in the oven.

When using aluminum foil in the oven, allow at least 1" (25.4 mm) of space between foil and interior oven walls or door.

The ceramic tray and the metal racks (if used) will get hot during cooking. The cooking container and the ceramic tray can be hot even if the oven is cool.

Never use paper, plastic, or other combustible materials that are not intended for cooking.

When cooking with paper, plastic, or other combustible materials, follow manufacturer's recommendations on product use. Do not use paper towels which contain nylon or synthetic fibers. Heated synthetics could melt and cause paper to ignite.

Do not heat sealed containers or plastic bags in oven. Food or liquid could expand quickly and cause container or bag to break. Pierce or open container or bag before cooking.

Metal Tray Turntable

Do not operate the oven without the metal tray turntable in place.

Verify that the metal tray turntable is properly positioned and turning when the oven is in use. Improper cooking or damage to the oven could result.

Only use the metal tray turntable designed for this oven. Do not substitute any other tray.

Always replace the metal tray in its proper position.

Thermometers

Do not use regular cooking thermometers in oven. Most cooking thermometers contain mercury and may cause electrical arc, malfunction, or damage to the oven.

Pacemakers

CAUTION

To avoid pacemaker malfunction, consult physician or pacemaker manufacturer about effects of microwave energy on pacemaker.

Fan Motor Operation

After using the oven the fan motor can rotate to cool the electric components. This is perfectly normal, and you can take out the food from the oven while the fan operates.

State of California Proposition 65 Warnings

WARNING

This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

SAVE THESE INSTRUCTIONS.

Causes of damage

NOTICES:

- Metal - e.g. a spoon in a glass - must be kept at least 1" (25 mm) from the oven walls and the inside of the door. Sparks could irreparably damage the glass on the inside of the door.
- Water in the hot oven interior: Never pour water into the hot oven interior. Steam is produced. Damage to the enamel can arise due to the temperature change.
- Do not leave moist groceries in a closed oven for an extended period of time. It can lead to corrosion inside the oven.
- Fruit juice can leave stains in the oven. Always remove fruit juice immediately when safe to touch, and wipe up first with a damp and then a dry cloth.
- Cooling with the appliance door open: only allow the oven cavity to cool when it is closed. Even if the appliance door is only open a little, front panels of adjacent units could be damaged over time.
- Highly soiled door seal: the appliance door will no longer close properly during operation if the door seal is highly soiled. Adjoining furniture fronts may be damaged. Always keep the door seal clean.
- Appliance door as a seat or storage surface: do not stand, sit or hang on the appliance door. Do not place any cookware or accessories on the appliance door.
- Inserting accessories: depending on the appliance type, accessories can scratch the door pane when closing the appliance door. Always slide accessories fully into the oven interior.
- Do not hold or carry the appliance by the door handle. The door handle cannot carry the weight of the device and could break off, or the hinges can be damaged.
- Operating the microwave without food in the oven cavity may lead to overloading. Never run the microwave unless there is food in the oven cavity. An exception to this rule is a short ovenware test, see section → "*Microwave utensil guide*", or a Speed Chef mode that needs pre-heating.
- Always set the microwave power as recommended for the food. High power settings can overheat foods very quickly.
- The turntable may jump if overloaded.

Protecting the environment

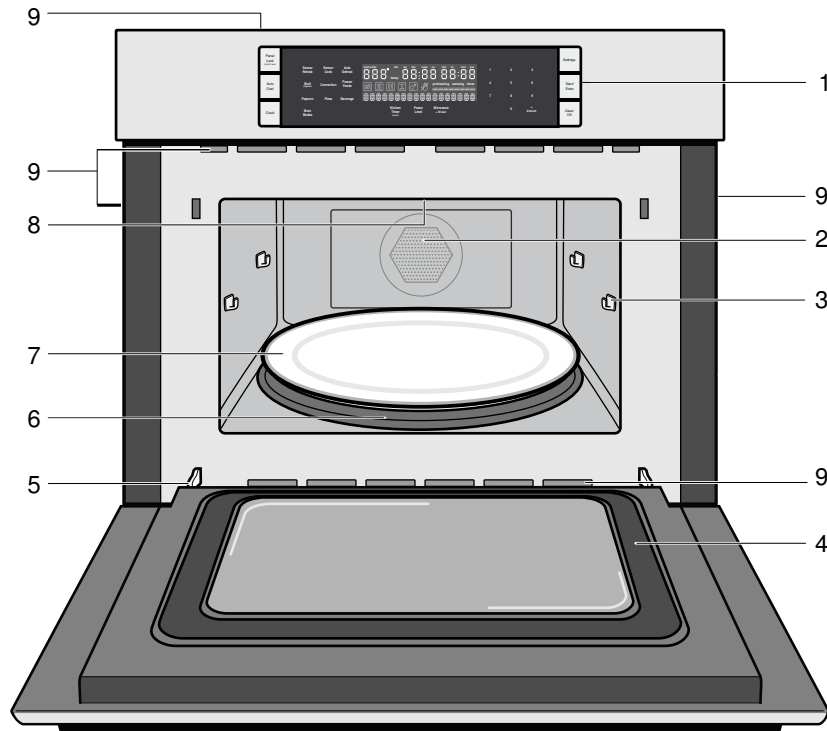
Unpack the appliance and dispose of the packaging in an environmentally friendly manner.

Tips for saving energy

- Open the appliance door as little as possible while cooking, baking or roasting.
- Use dark, black-painted or enameled baking forms. These absorb the heat particularly well.
- It is best to bake several cakes in succession. The oven is still warm. This shortens the baking time for the second cake. You can also slide in two loaf tins next to each other.

Getting to know the appliance

Parts



| | |
|---|--|
| 1 | Control panel and display |
| 2 | Convection fan and element |
| 3 | Rack holders (4) |
| 4 | Door gasket |
| 5 | Door hinges |
| 6 | Metal tray turntable with bake element below |
| 7 | Ceramic microwave tray |
| 8 | Broil element |
| 9 | Oven vents |

Convection Fan

The convection fan operates during all convection modes. When the oven is operating in a convection mode, the fan turns off automatically when the door is opened.

Oven light

The oven light turns off to save energy after one minute with the door open. To turn the light back on, close the door and open it again.

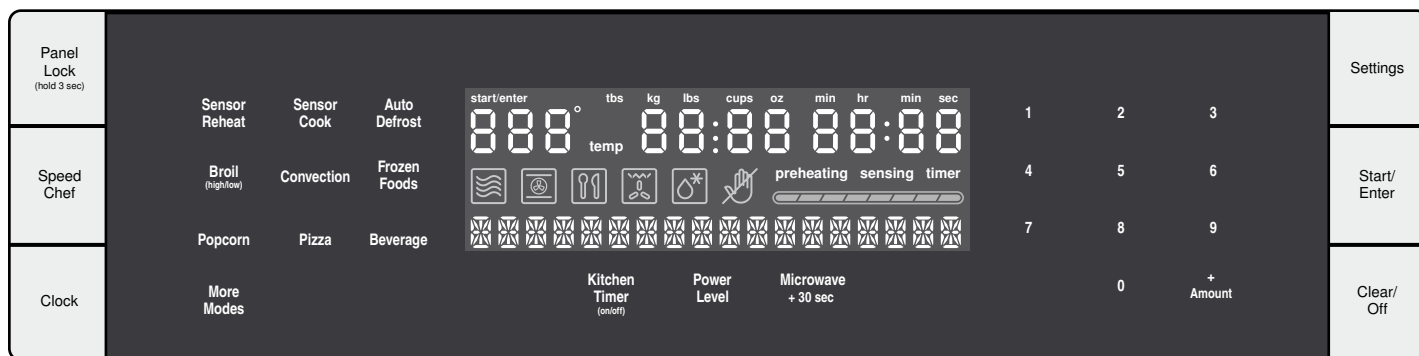
Oven Vents

The oven vents are located above and below the oven cavity as well as at the sides and the top of the appliance frame. Warm air may be released from the top and bottom vents before, during and after cooking. It is normal to see steam escaping from these vents, and condensation may collect in this area. This area may be warm when the oven is in use. Do not block any vents, since they are important for air circulation.

Cooling Fan

The cooling fan runs during all cooking modes. The fan can be heard when it is running, and warm air may be felt as it is released from the oven vents. The fan may also run after the oven is off.

Control panel



Touch keys

You can activate a function by briefly touching the corresponding touch key. Each time you touch a key a short beep will sound. A long beep will tell you that you have made an invalid input.

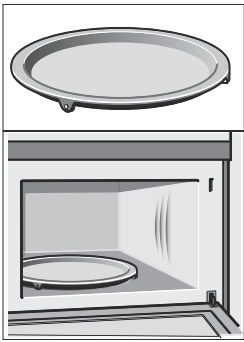
| Touch key | Function |
|--------------------------|--|
| Panel Lock | Activate/deactivate child lock |
| Speed Chef | Select Speed Chef programs |
| Clock | Set time of day |
| Settings | Enter basic settings menu |
| Start/Enter | Confirm entered values/Start cooking mode |
| Clear/Off | Clear entered value/turn appliance off |
| Sensor Reheat | Select Sensor Reheat programs |
| Sensor Cook | Select Sensor Cook programs |
| Auto Defrost | Select Auto Defrost programs |
| Broil | Set Broil modes (Hi/Lo) |
| Convection | Set Convection mode |
| Frozen Foods | Start cooking programs for frozen convenience foods |
| Popcorn | Cook popcorn |
| Pizza | Select pizza programs |
| Beverage | Heat beverages |
| More Modes | Enter menu for additional modes: <ul style="list-style-type: none"> • Keep Warm • Convection Broil • Melt Butter • Melt Chocolate • Soften Ice Cream • Soften Cream Cheese |
| Kitchen Timer | Set the kitchen timer |
| Power Level | Set power level for microwave operation |
| Microwave +30 sec | Add 30 seconds to microwave cooking time |
| +Amount | Can be used to browse through menu options |
| 0 - 9 | Use the number keys to enter customized values |

Display elements

The display gives you information on the current settings of your appliance. Blinking display elements indicate that an input is required.

| Element | Meaning |
|---------------------|---|
| | Child lock activated |
| | Convection |
| | Microwave |
| | Speed Chef |
| | Broiling high level |
| | Broiling low level |
| | Auto Defrost |
| start/enter | Touch Start/Enter key required |
| 000° temp | Temperature is displayed |
| tbsp/kg/lbs/cups/oz | Measuring units |
| hr/min | Kitchen timer value in hours/minutes |
| min/sec | Programmed cooking time in minutes/seconds |
| preheating | Appliance is preheating |
| sensing | Appliance is sensing |
| timer | Kitchen timer is running |
| | Shows progress of preheating |
| Line for free text | Displays program information, prompts required user input |

Accessories



Metal tray turntable

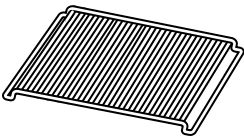
Food which particularly requires a lot of heat from underneath, such as pizza and chicken nuggets, can be prepared directly on the metal tray turntable.

The turntable can turn clockwise or counterclockwise.



It is dishwasher safe and cut resistant. You can cut pizza into slices on the turntable itself.

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

- Never use the microwave without the metal tray turntable.
- The metal tray turntable can support max. 12 lbs.
- The metal tray turntable must turn when using all types of heating.



Wire rack

The wire rack can be used with the recess facing up  or down .

Use it facing down for Speed Chef, Convection, Keep Warm and to fit larger dishes into the oven cavity.

Use it facing up (as shown) for Broil and Convection Broil.



Ceramic tray

Use for microwave cooking.

- You can place food, like a popcorn bag or potatoes, directly on the ceramic tray.
- The ceramic tray can also be used for conventional cooking.

⚠ CAUTION

The ceramic tray will get hot during convection cooking. Place the ceramic tray on 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.



Broil pan and grid (optional accessory)

Use for broiling and roasting.

Available from www.bosch-home.com/us/store

Pan - PAN, BROILER, MINI

Part number 00666709

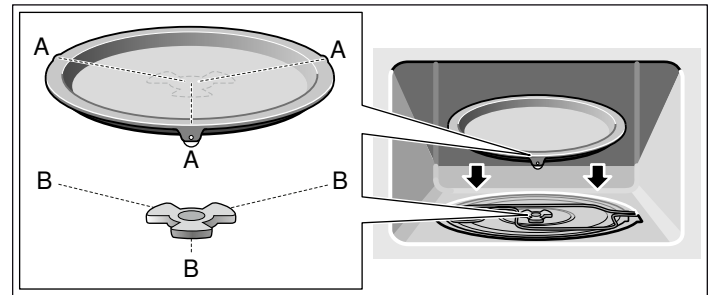
Grid - GRILL, BROILER, PAN, MINI

Part number 00666710

How to install the turntable

Place the turntable with the rollers "A" as shown in the picture, on the carrier "B" in the middle of the cooking compartment floor.

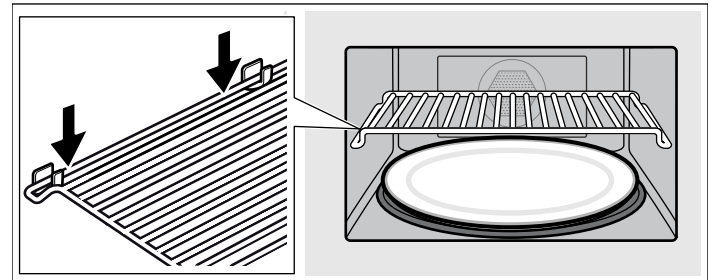
The turntable must sit straight on the carrier.



Note: Do not use the appliance if the turntable is not in place. Confirm that all parts are properly seated and that the turntable rotates freely when the microwave is operated.

Inserting the wire rack

1. Place rack securely in the four plastic supports.



Note: Rack must not touch metal walls or back of microwave.

2. Place food on the rack.

⚠ CAUTION

- Do not use the rack to pop popcorn.
- The rack must be on the four plastic supports when used.
- Do not cook with rack on the floor of the microwave oven.
- For regular microwave cooking use the ceramic tray and remove the rack.
- The rack can get hot during cooking. Allow the rack to cool down before handling.
- When not in use, store the rack outside of the microwave in a cabinet.

Before using the appliance for the first time

- Appliance must be properly installed by a qualified technician before use.
- Remove all packing materials from inside and outside the oven.
- While cool, wipe with a clean, damp cloth and dry.
- There may be a slight odor from your new appliance; this is normal and will disappear after a short time.
- Optimum cooking results depend on proper cookware being used.
- Read and understand all safety precautions and Use and Care Manual information.

Execute the following sections prior to operating:

Setting the clock

Once the appliance has been properly connected, *12:00* will be displayed as the time of day. To set the correct time, proceed as follows:

1. Touch **Clock**.
2. Enter the correct time using the number keys.
Example: To set the clock to 12:41 type in 1 2 4 1.
3. Touch **Start/Enter** to confirm.

The clock will also be displayed when your appliance is turned off. Please refer to the chapter “*Basic Settings*” on how to hide the clock.

Heating up the appliance

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.

1. Touch **Convection**
2. Enter the numbers 3 5 0 with the number keys.
3. Touch **Start/Enter**.
The oven light turns on and the appliance starts heating.

Cleaning accessories

Before using accessories for the first time, thoroughly clean them with hot soapy water and a soft dish cloth.

Applying the program label

Apply the included program label in the desired language to the side of the oven cavity, as indicated on the leaflet that carries the program label.

Microwave

Microwave utensil guide

Suitable ovenware

- **Heat-resistant glass, glass-ceramic:**
Utility dishes, loaf dishes, pie plates, cake plates, liquid measuring cups, casseroles and bowls without metallic trim (e.g. Pyrex®, Anchor Hocking™, Corning Ware®, etc.).
- **China:**
Bowls, cups, serving plates and platters without metallic trim.
- **Plastic films and wraps:**
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.
- **Microwave-safe plastics:**
Microwave-safe plastic dishes, cups, semi-rigid freezer containers and plastic bags for short cooking times. Use these with care because the plastic may soften from the heat of the food.
- **Paper products:**
Paper towels, wax paper, parchment paper, paper napkins and paper plates with no metallic trim or design. Look for the manufacturers label for any special instructions for use in the microwave oven.

Unsuitable ovenware

- **Metal utensils and cookware:**
Metal shields the food from microwave energy and produces uneven cooking. Also, avoid metal skewers, thermometers or foil trays. Metal utensils can cause arcing, which can damage your microwave oven.
- **Metal decoration:**
Bowls, cups, serving plates and platters with metallic trim.
- **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 inch (2.5 cm) from the side walls of the oven cavity and door of the microwave.
- **Wood:**
Wooden bowls and boards will dry out and may split or crack when you use them in the microwave oven. Baskets made of wood will react in the same way.
- **Tightly covered cookware:**
Be sure to leave openings for steam to escape from covered cookware. Pierce plastic pouches of vegetables or other food items before cooking. Tightly closed pouches may explode.

- **Brown paper:**
Avoid using brown paper bags. They absorb heat and can burn.
- **Flawed or chipped cooking utensils:**
Any utensil 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.

Ovenware test

Do not turn on the microwave unless there is food inside. The following ovenware test is the only exception to this rule.

Perform the following test if you are unsure whether your ovenware is suitable for use in the microwave:

1. Heat the empty ovenware at maximum power for ½ to 1 minute.
2. Check the temperature occasionally during that time. The ovenware should still be cold or warm to the touch. The ovenware is unsuitable if it becomes hot or if sparks are generated.

Microwave power levels


You can select from 10 different microwave power levels. If you do not set a power level, the microwave will automatically operate at the highest power level 10. The table below provides suggested power levels for various types of food that can be prepared in the microwave.

| Power level | Microwave output | Use for |
|-------------|------------------|---|
| 10 | 100% | Boiling water High Cooking ground meat Making candy Cooking fresh fruit & vegetables Cooking fish & poultry Preheating browning dish Reheating beverages Cooking bacon slices |
| 9 | 90% | Reheating meat slices quickly Saute onions, celery & green peppers |
| 8 | 80% | All reheating Cooking scrambled eggs |
| 7 | 70% | Cooking breads & cereal products Cooking cheese dishes & veal Cooking muffins, brownies & cupcakes Cooking whole poultry |
| 6 | 60% | Cooking pasta |
| 5 | 50% | Cooking meat Cooking custard Cooking spare ribs, rib roast & sirloin roast |

| Power level | Microwave output | Use for |
|-------------|------------------|---|
| 4 | 40% | Cooking less tender cuts of meat Reheating frozen packaged foods |
| 3 | 30% | Thawing meat, poultry & seafood Cooking small quantities of food Finish cooking casseroles, stew & some sauces Melting chocolate |
| 2 | 20% | Softening butter & cream cheese |
| 1 | 10% | Softening ice cream Raise yeast dough |

Setting the microwave

The appliance must be turned off.

1. Enter the desired cook time with the number keys. The timer display will fill in from right to left.
Example: To set a microwave time of 20 minutes and 30 seconds, enter the numbers 2 0 3 0.
The microwave symbol  lights up and **start/enter** is blinking on the display.



2. You can start microwave operation with the default power level 10 by touching **Start/Enter**, -or- you can set a different power level. Touch **Power Level 10** and **start/enter** are blinking in the upper left section of the display.



3. Enter the desired power level using the number keys. The entered power level and **start/enter** are blinking.
4. Touch **Start/Enter** to start microwave operation. The microwave timer will start to count down.

You can step up the microwave timer at any time during operation by touching **Microwave +30 sec**.

The appliance turns off and a beep sounds once the microwave timer reaches zero. The appliance turns off and the clock is displayed.

Change power level

You can change the power level at any time during microwave operation.

1. Touch **Power Level**.

The display shows POWER LEVEL 1 - 10.

2. Enter the desired power level with the number keys.

The entered power level and **start/enter** are blinking.

3. Touch **Start/Enter**.

Microwave operation continues with the new power level.

Opening appliance door during operation

Opening the appliance door during operation will interrupt the current mode. Close the appliance door and then touch **Start/Enter** to resume operation.

Microwave +30 sec

Use the **Microwave +30 sec** key to quick-start your microwave at the highest power level. You can touch the key repeatedly to increase the microwave time in increments of 30 seconds.

Touching this key during microwave operation will add 30 seconds to the remaining microwave time.

Cancel operation

Touch **Clear/Off** to cancel the active oven mode. The appliance turns off and the clock is displayed.

The cooling fans may continue to run for awhile and then switch off automatically.

Suggestions for best results

To help you achieve the best possible results from your microwave oven, read the following suggestions below:

- **Storage temperature**

Foods taken from the freezer or refrigerator take longer to cook.

- **Size**

Small pieces of food cook faster than large ones. Pieces similar in size and shape will cook more evenly when cooked together. For more even results, reduce the power levels when cooking large pieces of food.

- **Natural moisture**

Very moist foods cook more evenly because microwave energy heats water molecules very efficiently.

- **Stirring**

Stir foods such as casseroles and vegetable from the outside to the center to distribute the heat more evenly. This will allow the food to cook faster. (Constant stirring is not necessary.)

- **Turning**

Turn over foods such as pork chops, roasts or whole cauliflower halfway through the cook time. This will help to expose all sides equally to microwave energy.

- **Placing food**

Place delicate areas of food items, such as asparagus tips, toward the center of the turntable tray.

- **Arranging food**

Arrange unevenly shaped foods, such as chicken pieces or salmon, with the thicker or meatier parts toward the outside of the turntable tray.

- **Letting food stand**

After removing the food from the microwave, cover the food with foil or a casserole lid and let it stand to finish cooking. This will help the food finish cooking in the center and avoids overcooking the outer edges. The length of stand time depends on the density and surface area of the food items.

- **Wrapping foods**

Sandwiches and many other food types containing pre-baked bread should be wrapped in paper towels or wax paper prior to placing in the microwave to help prevent the food items from drying out while heating.

Convection

Convection cooking circulates hot air through the oven cavity with a fan. The constantly moving air surrounds the food to heat the outer portion quickly, creating even browning and sealed-in flavor by the constant motion of hot air over the food surfaces.

You can set a temperature range from 200 to 450° F (100 to 230°C).

Notes

- Use the Speed Chef mode for cooking with microwave and conventional heat combined. You can not combine these two modes manually.
- For best cooking results always use the wire rack with Convection mode.

⚠ CAUTION

The oven door and exterior and the wire rack will become hot during Convection. Always use oven mits.

Cookware tips for Convection


- **Metal Pans:**
Recommended for all types of baked products, especially where browning is important.
Dark or dull finish metal pans are best for breads and pies because they absorb heat and produce crisper crust.
Shiny aluminum pans are better for cakes, cookies or muffins because they reflect heat and help produce a light tender crust.
- **Glass or glass-ceramic casseroles or baking dishes:**
Best suited for egg and cheese recipes due to the cleanability of glass.

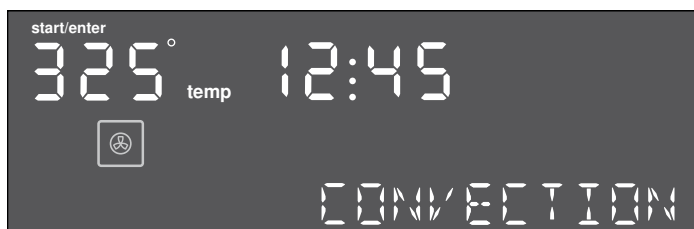
Note: Always use the convection rack when using the Convection mode.

Setting Convection mode

The appliance must be turned off.

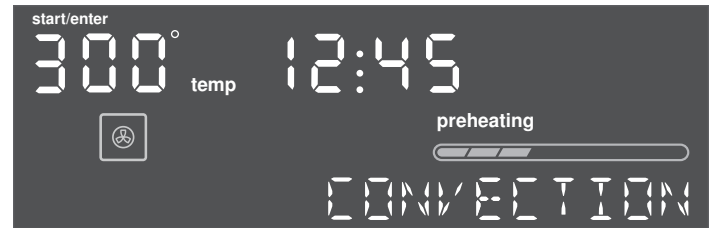
1. Touch **Convection**.

The convection symbol  lights up. **start/enter** and the default temperature 325°F (160°C) are blinking on the display. The time of day will be permanently displayed during convection cooking.



2. Change the temperature using the number keys and touch **Start/Enter**.

The appliance starts preheating.



The set temperature is reached once the preheat bar has filled up completely and five beeps sounds.

To change the temperature during operation, touch **Convection**. The temperature and **start/enter** begin to flash. Type in the new temperature using the number keys and confirm with **Start/Enter**.

Opening appliance door during operation

Opening the appliance door during operation will interrupt the current mode. When you close the appliance door, operation will be resumed.

Cancel operation



Touch **Clear/Off** to cancel the active oven mode. The appliance turns off and the clock is displayed.

The cooling fans may continue to run for awhile and then switch off automatically.

Broil

The Broil feature uses intense heat radiated from the upper element.


You can set two intensity levels:

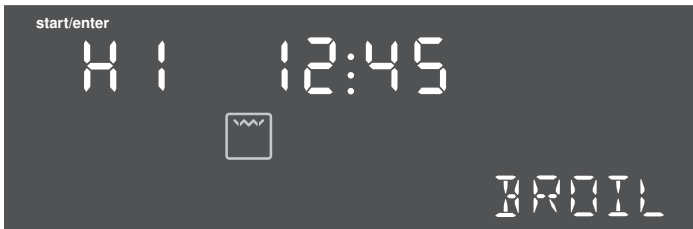
- Broil high 
- Broil low 

Setting Broil mode



The appliance must be turned off.

1. Touch **Broil**.

The Broil mode is set to high. *HI* and **start/enter** are blinking, the Broil high symbol  will be displayed. The time of day will be permanently displayed in Broil mode.



2. Touch **Broil** again or use the **+Amount** key, to change to Broil low mode.

 and the broil low symbol  will light up on the display.

3. Touch **Start/Enter** to start operation.

You can alternate between Broil high and Broil low during operation by touching either **Broil** or **+Amount**.

Note: Always use a broil pan when cooking in Broil mode (see optional accessories).

Opening appliance door during operation

Opening the appliance door during operation will interrupt the current mode. When you close the appliance door, operation will be resumed.

Cancel operation

Touch **Clear/Off** to cancel the active oven mode. The appliance turns off and the clock is displayed.

The cooling fans may continue to run for awhile and then switch off automatically.

Automatic programs

The automatic programs let you prepare food in a fast and simple way using Microwave and conventional heat. Select the program and enter the values prompted on the display, the automatic program selects the optimum setting for you.

Speed Chef

With Speed Chef you can select from nine different foods. You only have to enter the weight and Speed Chef calculates the fastest cooktime for best results.

See program label on the left side of the oven cavity for available Speed Chef programs.


Note: Only use ovenware that is suited for both microwave and conventional cooking.

Setting Speed Chef

The appliance must be turned off.

Example: Set Speed Chef for Beef Roast.

1. Touch **Speed Chef**.

The Speed Chef symbol  lights up and the display shows SELECT FOOD 1 - 9.

2. Select the desired food from the label at the oven cavity. For Beef Roast touch the number key 4.

-or-

Touch **Speed Chef** or **+Amount** repeatedly to scroll through all Speed Chef modes. When Beef Roast is displayed *0.00* is blinking and the selected food item is shown on the display.

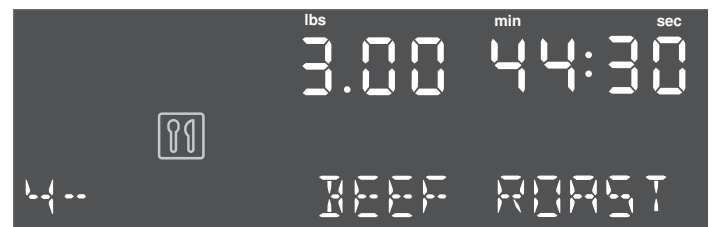


3. Enter the weight of the food you want to cook using the number keys. For example, to enter 3 lbs type 3 0 0. The weight and **start/enter** are blinking.

4. Touch **Start/Enter**.

Speed Chef will set the appropriate cook time and start counting down.

During cooking a beep will sound and "Turn food over" is shown in the display. Open door and turn food over. Return food to the microwave and touch **Start/Enter**.



Once the cook time has run out a beep will sound. The appliance turns off and the clock is displayed.

Opening appliance door during operation

Opening the appliance door during operation will interrupt the current mode. Close the appliance door and then touch **Start/Enter** to resume operation.

Cancel operation

Touch **Clear/Off** to cancel the active oven mode. The appliance turns off and the clock is displayed. The cooling fans may continue to run for awhile and then switch off automatically.

Speed Chef Programs

Place the food in a dish that is suitably sized for the amount of food you want to cook. Use cookware that is suited for both microwave and conventional cooking.

| Speed Chef Program | Weight range | Cooking tips | Food placement | Stand time (minutes) |
|---------------------|----------------|--|------------------------|----------------------|
| 1 - Chicken Breast | 0.5 - 3.0 lbs | Use with boneless chicken breasts. Turn chicken over at beep. Small pieces cook faster. | Wire rack, facing down | 5 to 10 |
| 2 - Chicken Thighs | 0.5 - 3.0 lbs | Place thicker ends toward outside. Turn chicken over at beep. Small pieces cook faster. | Wire rack, facing down | 3 to 8 |
| 3 - Whole Poultry | 1.5 - 4.5 lbs | Start cooking with breast side down. Turn over at the beep. | Turntable | 5 to 10 |
| 4 - Beef Roast | 0.5 - 3.25 lbs | Suitable for beef roast 2" or less. Turn over at the beep. | Turntable | 5 to 10 |
| 5 - Pork Tenderloin | 1.0 - 3.0 lbs | Tuck under thin ends. Turn over at the beep. | Wire rack, facing down | 5 to 10 |
| 6 - Pork Chops | 0.5 - 3.0 lbs | Suitable for pork chops 1/2 to 1". Turn chops over at beep. | Wire rack, facing down | 3 to 8 |
| 7 - Meatloaf | 1.0 - 3.25 lbs | Suitable for meatloaf 3" or less. Food is not turned. Add ketchup last 10 - 15 minutes of cooking. | Turntable | 5 to 10 |
| 8 - Fish Fillets | 0.5 - 2.0 lbs | Brush fillets with vegetable or olive oil. Food is not turned. Tuck under thin ends. | Wire rack, facing down | 2 to 3 |
| 9 - Brownies | 16 servings | Food is not turned. For best results use a 9" metal pan. | Wire rack, facing down | Cool |

Notes

- For meat pieces enter total weight of all the pieces.
- Use a meat thermometer to check meat temperatures after stand time.
- Place food on countertop and cover with foil during stand time.

Auto Defrost

With the Auto Defrost feature you can defrost three different types of food by entering the weight. The ideal defrost time will be calculated by the program.

Ovenware for defrosting

Place the food in a microwaveable shallow dish, such as a glass casserole dish or glass plate, but do not cover.

Stand time


The defrosted food should be left to stand for an additional 10 to 30 minutes until it reaches an even temperature. Large pieces of meat require a longer standing time than smaller pieces. Flat pieces of meat and items made from ground meat should be separated from each other before leaving to stand.

After this time, you can continue to prepare the food, even though thick pieces of meat may still be frozen in the middle.

Setting Auto Defrost

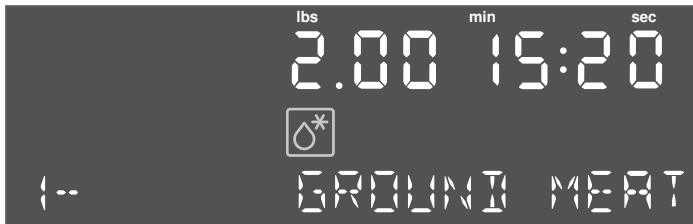
The appliance must be turned off.

Example: Set Auto Defrost for Ground Meat.

1. Take the food out of the packaging and weigh it, then place it in a suitable dish on the ceramic tray.
2. Touch **Auto Defrost**.
The Auto Defrost symbol  lights up and the display shows SELECT FOOD 1 - 3.
3. Select the desired program from the label at the oven cavity. For Ground Meat touch the number key 1.
-or-
Touch **Auto Defrost** or **+Amount** repeatedly to scroll through all Auto Defrost modes.
0.00 is blinking and the food item is shown on the display.



4. Enter the weight of the food you want to defrost using the number keys. For example, to enter 2 lbs type 2 0 0. The weight and **start/enter** are blinking.
5. Touch **Start/Enter**.
Auto Defrost will set the appropriate defrosting time and start counting down.



Once the defrost time has elapsed a beep will sound. The appliance turns off and the clock is displayed.

Note: A beep sounds during defrosting for all foods to turn food over or separate pieces.

Opening appliance door during operation

Opening the appliance door during operation will interrupt the current mode. Close the appliance door and then touch **Start/Enter** to resume operation.

Cancel operation

Touch **Clear/Off** to cancel the active oven mode. The appliance turns off and the clock is displayed. The cooling fans may continue to run for awhile and then switch off automatically.

Auto Defrost programs

| No. | Name | Weight range |
|-----|----------------|---------------|
| 1 | Ground Meat | 0.5 - 2.0 lbs |
| 2 | Meat Pieces | 0.5 - 3.0 lbs |
| 3 | Poultry Pieces | 0.5 - 3.0 lbs |

Tips for defrosting

⚠ WARNING

HEALTH RISK

Liquid will be produced when defrosting meat or poultry. Drain off this liquid when turning meat and poultry, and under no circumstances, use it for other purposes, or allow it to come into contact with other foods.

- Always enter the weight in lbs when using the defrost by weight feature (0.1 to 6.0 lbs).
- Use the defrost mode for raw food items only.
- Defrosting gives best results when food to be thawed is a minimum of 0° F (taken directly from a freezer). If the food has been stored in a refrigerator-freezer that does not maintain a temperature of 5° F or below, always program a lower food weight or lower cook time to prevent cooking the food.
- If the frozen food is stored outside the freezer for up to 20 minutes, enter a reduced cook time or weight.
- The shape of the package will alter the defrosting time. Shallow rectangular food packets defrost more quickly than a deep frozen block of food.
- Separate pieces as they begin to defrost. Separated frozen pieces of food defrost better.
- Shield warm areas of food with small pieces of aluminum foil, if they start to heat up.
Use small pieces of aluminum foil to shield food items like chicken wings, leg tips and fish tails.
Do not allow aluminum foil to touch the oven cavity when defrosting.

Frozen Foods


Use the Frozen Foods feature to prepare frozen convenience foods, like chicken nuggets, french fries, fish sticks, using bottom heat and Convection. Place the food you want to cook directly on the metal tray turntable.

You can set a temperature range from 200 to 450° F (100 to 230°C).

Setting Frozen Foods

The appliance must be turned off.

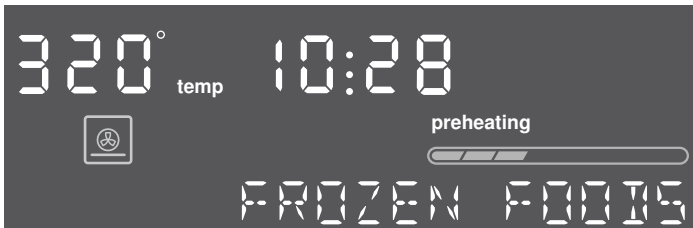
1. Touch **Frozen Foods**.

The symbol for bottom heat and Convection  lights up. The default temperature 425° and **start/enter** are blinking and the display shows BAKE ON METAL TRAY.

2. You can change the temperature by using the number keys. You can enter a temperature between 200 and 450° F (100 - 230°C).

3. Touch **Start/Enter**.

The appliance starts preheating. The set temperature, the preheat bar and the oven mode FROZEN FOODS are displayed. The time of day will be permanently displayed.



The set temperature is reached once the preheat bar has filled up completely and a beep sounds. Place food in the preheated oven on the metal tray in a single layer.

To change the temperature during operation, touch **Frozen Food**. Type in the new temperature using the number keys and confirm with **Start/Enter**.

Opening appliance door during operation

Opening the appliance door during operation will interrupt the current mode. When you close the appliance door, operation will be resumed.

Cancel operation

Touch **Clear/Off** to cancel the active oven mode. The appliance turns off and the clock is displayed.

The cooling fans may continue to run for awhile and then switch off automatically.

Pizza

You can use the Pizza mode to bake three different types of pizza:

| Mode no. | Pizza type | Bake on |
|----------|-----------------|--------------|
| 1 | Frozen pizza | Metal tray |
| 2 | Fresh pizza | Metal tray |
| 3 | Microwave pizza | Ceramic tray |

Pizza tips

- 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.

Setting Pizza mode for fresh or frozen pizza

The appliance must be turned off.

You can set a temperature range from 375 to 450° F (190 to 230°C) for fresh and frozen pizza modes.

You can bake fresh or frozen pizza directly on the metal tray turntable.

1. Touch **Pizza**.

The display shows SELECT TYPE 1 - 3.

2. Touch **Pizza** or **+Amount** repeatedly to scroll through all pizza modes.

3. Touch **Start/Enter**. For frozen or fresh pizza the display reads BAKE ON METAL TRAY. The default temperature and light up on the display.

4. You can change the temperature by using the number keys. Touch **Start/Enter** to confirm.

The appliance starts preheating.

The set temperature is reached once the preheat bar has filled up completely and a beep sounds.

Opening appliance door during operation

Opening the appliance door during operation will interrupt the current mode. When you close the appliance door, operation will be resumed.

Setting Pizza mode for microwave pizza

Place the microwave pizza on the ceramic tray and put it in the oven following package directions.

1. Touch **Pizza**.

The display shows SELECT TYPE 1 - 3.

2. Touch the number key 3 or touch **Pizza** or **+Amount** repeatedly until MICROWAVE PIZZA is displayed.

3. Touch **Start/Enter**. For microwave pizza the display reads USE CERAMIC TRAY. **start/enter** is blinking.

4. Touch **Start/Enter** again. **sensing** and the microwave symbol light up on the display.

The appliance starts sensing.

When sensing is complete, a beep will sound and the calculated cook time will start to count down.

After the cook time has run out a beep will sound. The appliance turns off and the clock is displayed.

Note: Do not open the door during the sensing process, or the program will be cancelled.

Once the calculated cook time is displayed, you can open the door to stir, turn or rearrange the food. Touch **Start/Enter** to resume operation.

Opening appliance door during operation

Opening the appliance door during operation will interrupt the current mode. Close the appliance door and then touch **Start/Enter** to resume operation.

Popcorn

▲ CAUTION


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

The popcorn feature lets you pop 3 different bag sizes of commercially packaged microwave popcorn. Use the following table to determine the setting to use:

| Bag size | Touch Popcorn key |
|----------|-------------------|
| 1.2 oz. | once |
| 2.5 oz. | twice |
| 3.5 oz. | 3 times |

Setting Popcorn mode

The appliance must be turned off.

1. Touch **Popcorn**. The display shows the microwave symbol , **1.2** oz. and **start/enter** are blinking. The cook time is displayed.
2. Touch **Popcorn** or **+Amount** repeatedly until the desired weight is shown in the display.
3. Touch **Start/Enter**.
The microwave timer starts counting down.

When the microwave time has elapsed, a beep will sound. The appliance turns off and the clock is displayed.

Sensor cooking

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.

For best results for cooking by sensor, follow these recommendations:

- Food cooked with the sensor system should start from normal storage temperature.
- Turntable tray, ceramic tray and outside of container should be dry.
- Foods should always be covered loosely with microwavable plastic wrap, wax paper or lid.
- Do not open the door or touch **Clear/Off** key during sensing time. When sensing time is over, the oven beeps once and the remaining cooking time will appear in the display. **At this time you can open the door to stir, turn or rearrange the food.**


Beverage

The beverage feature heats 0.5 to 2 cups of a beverage. Use the table below to determine the setting to use.

| Amount | Touch Beverage key |
|-------------------------|--------------------|
| 0.5 cups (about 4 oz.) | once |
| 1 cup (about 8 oz.) | twice |
| 1.5 cups (about 12 oz.) | 3 times |
| 2 cups (about 16 oz.) | 4 times |

Setting Beverage mode


Example: Heat one cup of a beverage.

1. Touch **Beverage**. The display shows the microwave symbol , **0.5** cups and **start/enter** are blinking. The cook time is displayed.
2. Touch **Beverage** again or touch **+Amount**. **1** cup is shown in the display.
3. Touch **Start/Enter**.
The microwave timer starts counting down. When the microwave time has elapsed, a beep will sound. The appliance turns off and the clock is displayed.

Sensor Reheat

The Sensor Reheat feature lets you reheat dinner plates or casseroles (8-12 oz.) for your cooking convenience.

Setting Sensor Reheat

1. Touch **Sensor Reheat**.
The microwave symbol  lights up and **SENSOR REHEAT** is displayed.
2. Touch **Start/Enter**.
sensing is displayed. The microwave operates during sensing.
3. When sensing is complete, a beep will sound and the calculated cook time will start to count down.

Note: Do not open the door during the sensing process, or the program will be cancelled.

Once the calculated cook time is displayed, you can open the door to stir, turn or rearrange the food. Touch **Start/Enter** to resume operation.

When sensor reheat is finished, a beep will sound and the appliance turns off.

Notes

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

Reheat cooking suggestions

| Food | Directions | Quantity |
|------------------|--|---------------------|
| Dinner plate | Use only pre-cooked, refrigerated foods. Cover plate with vented plastic wrap or waxed paper, tucked under plate. If food is not hot enough after heating with the Reheat feature, continue heating using manual time and power level setting. Contents: <ul style="list-style-type: none"> • 3-4 oz. meat, poultry or fish (up to 6 oz. with bone) • 1/2 cup starch (potatoes, pasta, rice, etc.) • 1/2 cup of vegetables (about 3-4 oz.) | 1 serving (1 plate) |
| Casserole, Pasta | Cover plate with lid or vented plastic wrap. If food is not hot enough after heating with the Reheat feature, continue heating using manual time and power level setting. Stir foods once before serving. Contents: <ul style="list-style-type: none"> • Casserole: refrigerated foods (such as beef stew or lasagna) • Pasta: Canned spaghetti and ravioli, refrigerated foods | 1 to 4 servings |

Sensor Cook

Sensor Cook 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.

Sensor Cook programs

| Sensor Cook Program | Quantity | Cooking tips |
|----------------------|-----------------------------|---|
| 1 - Baked Potato | 1 - 4 potatoes (8 - 32 oz.) | Pierce skin with a fork. Do not cover. After cooking, allow to stand wrapped in foil for 5 minutes. |
| 2 - Sweet Potato | 1 - 4 potatoes (8 - 32 oz.) | Pierce skin with a fork. Do not cover. After cooking, allow to stand wrapped in foil for 5 minutes. |
| 3 - Fresh Vegetables | 4 - 16 oz. (0.25 - 1 lbs) | No water is needed if vegetables have just been washed. Add 2 tablespoons water per 8 ounces of fresh vegetables. |


| Sensor Cook Program | Quantity | Cooking tips |
|-----------------------|-----------------------------|--|
| 4 - Frozen Vegetables | 6 - 16 oz. (0.75 - 1 lbs) | Add 1 tablespoon water per 4 ounces of frozen vegetables. |
| 5 - Ground Meat | 8 - 24 oz. (0.5 - 1.5 lbs) | After cooking, allow to stand, covered, for 3 - 4 minutes. |
| 6 - Fish/Seafood | 8 - 20 oz. (0.5 - 1.25 lbs) | Roll thin edges underneath. Arrange in a ring around microwaveable dish. |
| 7 - Brown Rice | 0.5 - 2 cups (dry rice) | Use a high-sided casserole dish. Do not cover. Use 1 cup rice to 3 cups water. |
| 8 - White Rice | 0.5 - 2 cups (dry rice) | Use a high-sided casserole dish and lid. Use 1 cup rice to 2 cups water. |
| 9 - Frozen Entrees | 10 - 20 oz. | Follow package instructions for venting, cutting plastic film, etc. |

Setting Sensor Cook

The appliance must be turned off.

Example: Set Sensor Cook for Ground Meat.

1. Touch **Sensor Cook**.

The microwave symbol  lights up and the display shows SELECT FOOD 1 - 9.

2. Select the desired program from the label at the oven cavity. For Ground Meat touch the number key 5.

-or-

Touch **Sensor Cook** or **+Amount** repeatedly to scroll through all Sensor Cook modes.

start/enter is blinking and the food item is shown on the display.

3. Touch **Start/Enter**.

The program will start sensing with the microwave operating.



When sensing is complete, a beep will sound and the calculated cook time will start to count down.

Note: Do not open the door during the sensing process, or the program will be cancelled.

Once the calculated cook time is displayed, you can open the door to stir, turn or rearrange the food. Touch **Start/Enter** to resume operation.

When sensor cook is finished a beep will sound and the appliance turns off.

Opening appliance door during operation

Opening the appliance door during operation will interrupt the current mode. Close the appliance door and then touch **Start/Enter** to resume operation.

Cancel operation

Touch **Clear/Off** to cancel the active oven mode. The appliance turns off and the clock is displayed.


The cooling fans may continue to run for awhile and then switch off automatically.

More Modes

The More Modes feature offers you six additional convenient programs.

| Program No. | Name |
|-------------|---------------------|
| 1 | Keep Warm |
| 2 | Convection Broil |
| 3 | Melt Butter |
| 4 | Melt Chocolate |
| 5 | Soften Ice Cream |
| 6 | Soften Cream Cheese |

Setting Keep Warm

1. Touch **More Modes** once.
The display shows SELECT PROGRAM 1 - 6.
2. Touch the number key **1** or touch **More Modes** once more.
KEEP WARM, the convection symbol  and the temperature 170° F (75°C) are displayed. **start/enter** is blinking.
3. Touch **Start/Enter**.


The Keep Warm temperature cannot be changed.

Notes

- Use the Keep Warm mode to keep cooked foods hot and ready to serve.
- Food cooked covered should remain covered during Keep Warm.
- Pastry items (pies, turnovers, etc.) should be uncovered.
- Complete meals kept warm on a dinner plate can be covered during Keep Warm.

Setting Convection Broil

This mode uses the Broil element combined with the convection fan.
Place food in a cold oven on the wire rack facing up for broil.

1. Touch **More Modes** once.
The display shows SELECT PROGRAM 1 - 6.
2. Touch the number key **2** or touch **More Modes** twice.
CONV BROIL and the convection broil symbol  are displayed. The default setting **HI** and **start/enter** are blinking.
3. Touch **+Amount** to change from broil intensity **HI** to **LO**.
4. Touch **Start/Enter**.
Convection Broil starts preheating.

Opening appliance door during operation

Opening the appliance door during operation will interrupt the current mode. When you close the appliance door, operation will be resumed.

Cancel operation


Touch **Clear/Off** to cancel the active oven mode. The appliance turns off and the clock is displayed.

The cooling fans may continue to run for awhile and then switch off automatically.

Setting Melt Butter

You can set three different quantities for melting butter:


- 2 tablespoons (tbsp)
- 1/4 cup
- 1/2 cup

1. Touch **More Modes** once.
The display shows SELECT PROGRAM 1 - 6.
2. Touch the number key **3** or touch **More Modes** three times.
MELT BUTTER and the microwave symbol  are displayed. The first quantity 2 tbsp and **start/enter** are blinking. The cook time is displayed.
3. Touch **+Amount** to change the quantity.
4. Touch **Start/Enter**.
The heating time starts counting down.

Setting Melt Chocolate

You can set two different quantities for melting chocolate:

- 1 cup
- 2 cups

1. Touch **More Modes** once.
The display shows SELECT PROGRAM 1 - 6.
2. Touch the number key **4** or touch **More Modes** four times.
MELT CHOCOLATE and the microwave symbol  are displayed. The first quantity **1 cup** and **start/enter** are blinking. The cook time is displayed.
3. Touch **+Amount** to change the quantity.
4. Touch **Start/Enter**.
The heating time starts counting down.

Setting Soften Ice Cream


You can set four different quantities for softening ice cream:

- 8 oz.
- 16 oz.
- 32 oz.
- 48 oz.

1. Touch **More Modes** once.

The display shows SELECT PROGRAM 1 - 6.

2. Touch the number key **5** or touch **More Modes** five times.

SFTEN ICE CREAM and the microwave symbol  are displayed. The first quantity **8 oz** and **start/enter** are blinking. The cook time is displayed.

3. Touch **+Amount** to change the quantity.

4. Touch **Start/Enter**.

The heating time starts counting down.

Setting Soften Cream Cheese


You can set four different quantities for softening cream cheese:

- 3 oz.
- 6 oz.
- 8 oz.

1. Touch **More Modes** once.

The display shows SELECT PROGRAM 1 - 6.

2. Touch the number key **6** or touch **More Modes** six times.

SFTEN CRM CHEESE and the microwave symbol  are displayed. The first quantity **3 oz** and **start/enter** are blinking. The cook time is displayed.

3. Touch **+Amount** to change the quantity.

4. Touch **Start/Enter**.

The heating time starts counting down.

Kitchen timer

The kitchen timer can be used when the appliance is turned off, or while a cooking mode is active.

You can set the kitchen timer value in hours and minutes. The last minute of the set time will count down in seconds.

Setting the kitchen timer

1. Touch **Kitchen Timer** once.

0:00 is blinking.

2. Enter the desired time using the number keys.

Example: To set the kitchen timer to 3 hours and 5 minutes, enter 3 0 5.

3. Touch **Start/Enter** or **Kitchen Timer**.

The kitchen timer starts counting down. **timer** lights up in the display.

Note: The kitchen timer continues to run if a cooking mode is selected. Depending on the cooking mode, the kitchen timer may not be visible, but it continues to count down and will show again when the cooking mode finishes.

Time has elapsed

Once the set time has elapsed, **TIMER END** may appear in the display and an alarm tone beeps every 10 seconds. After 2 minutes the alarm tone stops.

To stop the beep manually, touch **Kitchen Timer**, or open the appliance door.

Canceling the kitchen timer


To clear the kitchen timer, touch **Kitchen Timer** once.

Panel Lock


You can use the panel lock to prevent children from accidentally turning the appliance on.

The panel lock feature is also very useful when cleaning the control panel. The lock will prevent accidental programming when wiping the control panel clean.

To activate the panel lock:

Touch and hold **Panel Lock** for 3 seconds. The panel lock symbol  and **PANEL LOCKED** will appear in the display and a double beep sounds.

To deactivate the panel lock:

Touch and hold **Panel Lock** for 3 seconds. The panel lock symbol  will disappear and **PANEL is UNLOCKED** is displayed.

Automatic Shutoff

Your appliance features an automatic shutoff function. Automatic shutoff is activated when the appliance has been heating for an extended period of time. The time when automatic shutoff is activated depends on the selected operating mode.

| Heating mode | Max. operating time |
|-----------------|-------------------------|
| Convection | 5 hours |
| All other modes | 99 minutes + 99 seconds |

Basic settings

The appliance has various basic settings. You can adjust these settings to the way you usually cook.

| Num-ber | Display | Settings |
|---------|---------------|---|
| 1 | TEMP MODE | Temperature mode °F/°C F* (Fahrenheit) C (Celsius) |
| 2 | BRIGHTNESS | HI * MED LO |
| 3 | VOLUME | HI* LO |
| 4 | BEEP (button) | On* Off |
| 5 | CLOCK | On* Off |
| 6 | LANGUAGE | ENGLISH* FRENCH |

* default setting

Changing the basic settings

The appliance must be turned off.

Example: Change the display language to French.

1. Touch **Settings**. The display shows SELECT SETTINGS 1 - 6. Select the language setting menu with the number key **6** or touch the settings key repeatedly until the display shows 6 - LANGUAGE. **Er** and **start/enter** is blinking.
2. Touch **+Amount** until **Fr** is displayed. **start/enter** is blinking.
3. Touch **Start/Enter**. The display language has been changed to French and the appliance goes to stand-by mode.

Note: The Basic Settings menu will not show if a cooking mode or the kitchen timer are running. Clear the Cooking Mode or Kitchen Timer to allow the Basic Settings to be changed.

Cooking Charts

The charts can be used as a guide. Follow package or recipe directions.

Broil

Place pan of food on the wire rack with the recess facing up.

| Food | Oven temperature | Cooking time (minutes) | Internal temperature | Cooking tip / Procedure |
|------------------------------|------------------|-----------------------------------|----------------------|---|
| Hamburgers, ¾" to 1", medium | High | Side 1: 9 - 11 Side 2: 10 - 12 | 160°F (71°C) | Use pan that allows fat to drain away from the food. High fat meat causes more spattering. |
| Lamb chops, 1", medium | High | Side 1: 9 - 11 Side 2: 10 - 12 | 160°F (71°C) | Use pan that allows fat to drain away from the food. Slit fat to prevent curling. |
| Sausage, fresh | High | Side 1: 9 - 11 Side 2: 8 - 10 | 160°F (71°C) | Use pan that allows fat to drain away from the food. |

| Food | Oven temperature | Cooking time (minutes) | Internal temperature | Cooking tip / Procedure |
|-------------------------------|------------------|-----------------------------------|----------------------|--|
| Steaks, ¾" to 1", medium rare | High | Side 1: 9 - 11 Side 2: 10 - 12 | 145°F (63°C) | Use pan that allows fat to drain away from the food. Slit fat to prevent curling. |
| Steaks, ¾" to 1", medium | High | Side 1: 9 - 11 Side 2: 10 - 12 | 160°F (71°C) | Use pan that allows fat to drain away from the food. Slit fat to prevent curling. |
| Toasting bread | Low | 3 - 5 | - | Check at minimum time. |
| Top browning casseroles | Low | 3 - 5 | - | Use only metal or glass ceramic dishes such as Corning Ware® |

Convection Broil

Place pans of food on the wire rack with the recess facing up.

| Food | Oven temperature | Cooking time (minutes) | Internal temperature | Cooking tip / Procedure |
|--------------------------|------------------|-----------------------------------|----------------------|---|
| Chicken breasts, bone-in | Low | Side 1: 9 - 11 Side 2: 10 - 12 | 170°F (76°C) | Start breast side down. |
| Fish filets, ¾" to 1" | Low | 11 - 15 | 145°F (63°C) | No turning of fish. Turn thin ends under. Brush with olive oil or butter to prevent sticking. |

Convection

Preheat the oven before adding foods. Once the oven is preheated, place the food in the oven quickly to minimize

loss of heat. Place pans of food on the wire rack with the recess facing down.

| Food | Oven temperature | Cooking time (minutes) | Cooking tip / Procedure |
|--------------------|---------------------------|------------------------|--|
| Biscuits | 350°F (175°C) | 13 - 20 | A dark or dull baking sheet will result in a browner, crisper crust. |
| Cake, 13"x9" | 350°F (175°C) | 23 - 28 | For a tender, light golden brown crust, use light, shiny metal bakeware. |
| Cookies | 350 - 375°F (175 - 190°C) | 8 - 14 | A dark or dull baking sheet will result in a browner, crisper crust. |
| Cornbread | 425 - 450°F (220 - 230°C) | 25 - 30 | Use a square baking pan. |
| Cupcakes | 350°F (175°C) | 18 - 21 | Ideal for ready-made mixes. Prepare according to package directions. |
| Dinner rolls | 400°F (205°C) | 12 - 18 | Use with fresh or frozen dinner rolls. |
| Fresh fruit pie | 375°F (190°C) | 50 - 60 | A dark or dull baking pie pan will result in a browner, crisper crust. |
| Muffins | 400°F (205°C) | 10 - 18 | Ideal for ready-made mixes. Prepare according to package directions. |
| Roasted vegetables | 425 - 450°F (220 - 230°C) | 15 - 20 | Use dark or dull metal pan. Stir once. |
| Shortcakes | 450°F (230°C) | 10 - 18 | Best for individual shortcakes. Use dark coated pan. |

Cooking eggs in your microwave

- Never cook eggs in the shell and never warm hard-cooked eggs in the shell; they can explode.
- Always pierce yolk on whole eggs to keep them from bursting.
- Cook eggs just until set; they will become tough if overcooked.
- Cooking scrambled eggs is safe.

Cooking vegetables in your microwave

- Vegetables should be washed just before cooking. Rarely is extra water needed. If dense vegetables such as potatoes or carrots are being cooked, add about ¼ cup of water.
- Small vegetables (sliced carrots, peas, lima beans, etc.) will cook faster than larger vegetables.
- Whole vegetables, such as potatoes, acorn squash or corn on the cob, should be arranged in a circle on the turntable before cooking. They will cook more evenly if turned over halfway through cooking.
- Always place vegetables like asparagus and broccoli with the stem ends pointing towards the edge of the dish and the tips toward the center.

Cooking seafood in your microwave

Be sure to place fish on a microwave-safe roasting rack in a microwave-safe dish. Be sure to always cook fish until it flakes easily with a fork. Use a tight cover to steam fish; a lighter cover of wax paper or paper towel provides

- When cooking cut vegetables, always cover the dish with a lid or vented microwavable plastic wrap.
- Whole, unpeeled vegetables such as potatoes, sweet potatoes, squash, eggplant, etc., should have their skin pricked in several locations before cooking to prevent them from bursting.
- For more even cooking, stir or rearrange whole vegetables halfway through the cook time.
- Most of the time, the denser the food, the longer the required standing time. For example, a baked potato should stand for 5 minutes before serving, while a dish of peas may be served immediately.

less steaming. And be sure not to overcook fish; check it for doneness at a minimum cooking time before cooking longer.

| Seafood | Power level | Cook time | Directions |
|----------------------------|-----------------|---------------|--|
| Fish steaks up to 1½ lbs | medium high (7) | 7–11 min. /lb | Arrange fish on roasting rack with meaty portions towards the outside of rack. Cover with wax paper. Turn over and rearrange halfway through cook time. Cook until fish flakes easily with fork. Let stand 3–5 mins. |
| Fish fillets up to 1½ lbs. | medium high (7) | 7–11 min. /lb | Arrange fillets in a baking dish, turning any thin pieces under. Cover with wax paper. If over ½ inch thick, turn over and rearrange halfway through cook time. Cook until fish flakes easily with fork. Let stand 2–3 mins. |
| Shrimp up to 1½ lbs. | medium high (7) | 7–11 min. /lb | Arrange shrimp in a baking dish without overlapping or layering. Cover with wax paper. Cook until firm and opaque, stirring 2 or 3 times. Let stand 5 mins. |

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 | <p>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.</p> <p>Wipe up spills immediately. Use a damp, clean cloth and mild soap.</p> <p>DO NOT use harsh detergents or abrasive cleaners.</p> <p>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 2 minutes.</p> <p>For baked-on grease spatters, wash with hot, soapy water, rinse and dry.</p> |
| Wire rack | <p>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.</p> |
| Metal turntable tray | <p>Remove metal turntable tray from the oven when cleaning the oven cavity and tray.</p> <p>Wash the metal turntable tray in warm sudsy water or in the dishwasher.</p> |
| Ceramic tray | <p>Clean with warm, soapy water or in the dishwasher.</p> |
| Door seal | <p>Wipe with damp cloth.</p> |
| Door glass | <p>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.</p> <p>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.</p> |
| Painted surfaces | <p>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.</p> |
| Stainless steel surfaces/ exterior surfaces | <p>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.</p> |

| Part | Recommendations |
|---------------------------------|--|
| Plastic & Controls | <p>When cool, clean with soapy water, rinse and dry.</p> |
| Printed areas (words & numbers) | <p>Do not use abrasive cleaners or petroleum based solvents.</p> |

Troubleshooting

If you encounter a problem, it often will merely be something minor. Before you call customer service, consider the suggestions and instructions below:

| Problem | Suggestion |
|---|---|
| Neither the microwave's display nor oven operates. | <ul style="list-style-type: none"> • Properly insert the plug into a grounded power outlet. • Reset the household circuit breaker or replace any blown fuses. |
| The oven display works, but the oven will not operate. | <ul style="list-style-type: none"> • Make sure the oven door is closed securely and completely. • Check to see if packing material or other materials are stuck to the door seal. • Check for damage to the oven door. • Press the Clear/Off key twice and attempt to re-enter cooking instructions. |
| The power goes off before the cook time has elapsed. | <ul style="list-style-type: none"> • Reset the clock and any cooking instructions. • Reset the household circuit breaker or replace any blown fuses. • Press the Clear/Off key twice and attempt to re-enter cooking instructions. |
| The microwave power level switches from power level 10 to power level 8. | If the oven is set to cook for more than 30 minutes at 100% power level, it will automatically reduce the power to a 80% power level after 30 minutes to avoid overcooking. |
| You see sparks or arcing. | Remove any metallic utensils, cookware or metal ties from the oven cavity. If using aluminum foil, use only narrow strips and allow at least one inch between the foil and the interior oven walls. |
| The turntable makes noises or sticks. | <ul style="list-style-type: none"> • Clean the underside of the metal tray turntable, and the oven cavity bottom. • Make sure the metal tray turntable is positioned correctly. |
| Using your microwave causes TV or radio interference. | This is similar to the interference caused by other small appliances, such as hair dryers. Move your microwave further away from other appliances, like your TV or radio. |
| The display shows error message E-xx | A malfunction has occurred. Note any error codes that may appear on the display. Disconnect the appliance from the power supply by switching off the fuse in the fuse box and call a qualified after-sales service technician. |
| The display shows error message E-11 | The touch keys do not operate properly. This may be due to condensation on keypad. Clean the control panel with a dry cloth. Disconnect the appliance from the power supply by switching off the fuse in the fuse box and switch it back on after 10 seconds. |

Bosch® Support

Before Calling Service

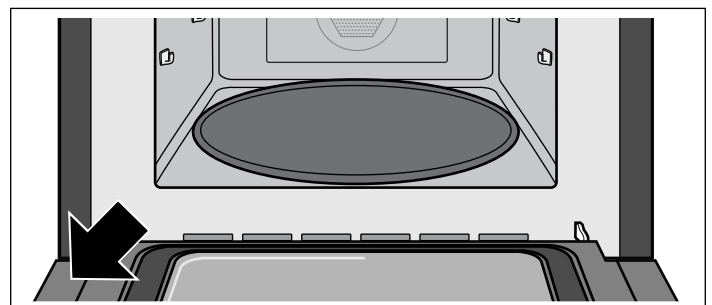
See the Use and Care Manual for troubleshooting information. Refer to the "Statement of Limited Product Warranty" in the Use and Care Manual.

To reach a service representative, see the contact information at the front of the manual or in the following section. Please be prepared with the information printed on your product data plate prior to calling.


Data Plate

The data plate shows the model and serial number. Refer to the data plate on the appliance when requesting service.

The data plate can be found on the inside of the appliance door.



To avoid having to search for each piece of information when calling, you can enter the four items needed in the spaces provided below.

| |
|---|
| Model No. |
| FD-No. |
| Date of Purchase |
| Customer Service  |

Keep your invoice or escrow papers for warranty validation if service is needed.

Service

We realize that you have made a considerable investment in your kitchen. We are dedicated to supporting you and your appliance so that you have many years of creative cooking.

Please don't hesitate to contact our Customer Support Department if you have any questions or in the unlikely

event that your Bosch® appliance needs service. Our service team is ready to assist you.

USA

800-944-2904

www.bosch-home.com/us/support

Canada

800-944-2904

www.bosch-home.ca/en/support

Parts and Accessories

Parts, filters, descalers, stainless steel cleaners and more can be purchased in the Bosch® eShop or by phone.

USA

www.bosch-home.com/us/store

Canada

Marcone 800-482-6022

or

Reliable Parts 800-941-9217

STATEMENT OF LIMITED PRODUCT WARRANTY

What this Warranty Covers & Who it Applies to

The limited warranty provided by BSH Home Appliances Corporation ("BSH") in this Statement of Limited Product Warranty applies only to the Bosch appliance ("Product") sold to you, the first using purchaser, provided that the Product was purchased:

- For your normal, household (non-commercial) use, and has in fact at all times only been used for normal household purposes.
- New at retail (not a display, "as is", or previously returned model), and not for resale, or commercial use.
- Within the United States or Canada, and has at all times remained within the country of original purchase.

The warranties stated herein apply only to the first purchaser of the Product and are not transferable.

BSH reserves the right to request proof of purchase at the time any warranty claim is submitted to confirm that the Product falls within the scope of this limited product warranty.

Please make sure to return your registration card; while not necessary to effectuate warranty coverage, it is the best way for BSH to notify you in the unlikely event of a safety notice or product recall.

How Long the Warranty Lasts

BSH warrants that the Product is free from defects in materials and workmanship for a period of three hundred sixty-five (365) days from the date of purchase. The foregoing timeline begins to run upon the date of purchase, and shall not be stalled, tolled, extended, or suspended, for any reason whatsoever.

This Product is also warranted to be free from *cosmetic* defects in material and workmanship (such as scratches

of stainless steel, paint/porcelain blemishes, chip, dents, or other damage to the finish of the Product), for a period of thirty (30) days from the date of purchase or closing date for new construction. This *cosmetic* warranty excludes slight color variations due to inherent differences in painted and porcelain parts, as well as differences caused by kitchen lighting, product location, or other similar factors. This *cosmetic* warranty specifically excludes any display, floor, "As Is", or "B" stock appliances.

Repair/Replace as Your Exclusive Remedy

During this warranty period, BSH or one of its authorized service providers will repair your Product without charge to you (subject to certain limitations stated herein) if your Product proves to have been manufactured with a defect in materials or workmanship. If reasonable attempts to repair the Product have been made without success, then BSH will replace your Product (upgraded models may be available to you, in BSH's sole discretion, for an additional charge). All removed parts and components shall become the property of BSH at its sole option. All replaced and/or repaired parts shall assume the identity of the original part for purposes of this warranty and this warranty shall not be extended with respect to such parts. BSH's sole liability and responsibility hereunder is to repair manufacturer-defective Product only, using a BSH-authorized service provider during normal business hours. For safety and property damage concerns, BSH highly recommends that you do not attempt to repair the Product yourself, or use an un-authorized servicer; BSH will have no responsibility or liability for repairs or work performed by a non-authorized servicer. If you choose to have someone other than an authorized service provider work on your Product, THIS WARRANTY WILL AUTOMATICALLY BECOME NULL AND VOID. Authorized service providers are those persons or companies that have been specially trained on BSH products, and who

possess, in BSH's opinion, a superior reputation for customer service and technical ability (note that they are independent entities and are not agents, partners, affiliates or representatives of BSH). Notwithstanding the foregoing, BSH will not incur any liability, or have responsibility, for the Product if it is located in a remote area (more than 100 miles from an authorized service provider) or is reasonably inaccessible, hazardous, threatening, or treacherous locale, surroundings, or environment; in any such event, if you request, BSH would still pay for labor and parts and ship the parts to the nearest authorized service provider, but you would still be fully liable and responsible for any travel time or other special charges by the service company, assuming they agree to make the service call.

Out of Warranty Product

BSH is under no obligation, at law or otherwise, to provide you with any concessions, including repairs, pro-rates, or Product replacement, once this warranty has expired.

Warranty Exclusions

The warranty coverage described herein excludes all defects or damage that are not the direct fault of BSH, including without limitation, one or more of the following:

- Use of the Product in anything other than its normal, customary and intended manner (including without limitation, any form of commercial use, use or storage of an indoor product outdoors, use of the Product in conjunction with air or water-going vessels).
- Any party's willful misconduct, negligence, misuse, abuse, accidents, neglect, improper operation, failure to maintain, improper or negligent installation, tampering, failure to follow operating instructions, mishandling, unauthorized service (including self-performed "fixing" or exploration of the appliance's internal workings).
- Adjustment, alteration or modification of any kind.
- A failure to comply with any applicable state, local, city, or county electrical, plumbing and/or building codes, regulations, or laws, including failure to install the product in strict conformity with local fire and building codes and regulations.
- Ordinary wear and tear, spills of food, liquid, grease accumulations, or other substances that accumulate on, in, or around the Product.
- Any external, elemental and/or environmental forces and factors, including without limitation, rain, wind, sand, floods, fires, mud slides, freezing temperatures, excessive moisture or extended exposure to humidity, lightning, power surges, structural failures surrounding the appliance, and acts of God.

In no event shall BSH have any liability or responsibility whatsoever for damage to surrounding property, including cabinetry, floors, ceilings, and other structures or objects around the Product. Also excluded from this warranty are Products on which the serial numbers have been altered, defaced, or removed; service visits to teach you how to use the Product, or visits where there is nothing wrong with the Product; correction of installation problems (you are solely responsible for any structure

and setting for the Product, including all electrical, plumbing or other connecting facilities, for proper foundation/flooring, and for any alterations including without limitation cabinetry, walls, floors, shelving, etc.); and resetting of breakers or fuses.

TO THE EXTENT ALLOWED BY LAW, THIS WARRANTY SETS OUT YOUR EXCLUSIVE REMEDIES WITH RESPECT TO PRODUCT, WHETHER THE CLAIM ARISES IN CONTRACT OR TORT (INCLUDING STRICT LIABILITY, OR NEGLIGENCE) OR OTHERWISE. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED. ANY WARRANTY IMPLIED BY LAW, WHETHER FOR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR OTHERWISE, SHALL BE EFFECTIVE ONLY FOR THE PERIOD THAT THIS EXPRESS LIMITED WARRANTY IS EFFECTIVE. IN NO EVENT WILL THE MANUFACTURER BE LIABLE FOR CONSEQUENTIAL, SPECIAL, INCIDENTAL, INDIRECT, "BUSINESS LOSS", AND/OR PUNITIVE DAMAGES, LOSSES, OR EXPENSES, INCLUDING WITHOUT LIMITATION TIME AWAY FROM WORK, HOTELS AND/OR RESTAURANT MEALS, REMODELLING EXPENSES IN EXCESS OF DIRECT DAMAGES WHICH ARE DEFINITELY CAUSED EXCLUSIVELY BY BSH, OR OTHERWISE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, AND SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

No attempt to alter, modify or amend this warranty shall be effective unless authorized in writing by an officer of BSH.



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