

Microwave

Use and Care Manual

500 SERIES
HMV5053C



BOSCH

Invented for life



Table of Contents

Safety Definitions	3	Cooking Charts	19
▲ PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY	3	Cooking meat in your microwave	19
IMPORTANT SAFETY INSTRUCTIONS	4	Cooking poultry in your microwave	20
GROUNDING INSTRUCTIONS	4	Cooking eggs in your microwave	20
TV / Radio Interference	5	Cooking vegetables in your microwave	20
Intended Use	5	Cooking seafood in your microwave	20
Child Safety	5	Cleaning and Maintenance	21
Cleaning Safety	5	Cleaning	21
Cooking Safety	5	Maintenance	22
In Case of Fire	6	Troubleshooting	23
Liquids	6	Bosch® Support	24
Cooking Items	6	Before Calling Service	24
Cooking Utensils	7	Data Plate	24
Glass Tray / Turntable Ring	7	Service	24
Exhaust Mode Operation	7	Parts and Accessories	24
Thermometers	7	STATEMENT OF LIMITED PRODUCT WARRANTY ...	24
Pacemakers	7	What this Warranty Covers & Who it Applies to	24
State of California Proposition 65 Warnings	8	How Long the Warranty Lasts	24
Fan Motor Operation	8	Repair/Replace as Your Exclusive Remedy	25
Room Venting with Carbon Filter	8	Out of Warranty Product	25
Causes of damage	9	Warranty Exclusions	25
Protecting the environment	9		
Getting started	10		
Parts	10		
Control panel	10		
Accessories	11		
Before using the appliance for the first time	12		
Cleaning accessories	12		
Applying the program label	12		
Operation	13		
Setting the clock	13		
Setting the Kitchen Timer	13		
Operating the Ventilation Fan	13		
Turning the Surface Light on/off	13		
Turning the turntable on / off	13		
Operating the microwave	13		
Adding cook time (+30 Seconds)	14		
Auto Defrost	15		
Sensor Reheat	16		
Sensor Cook	16		
Panel Lock	17		
Settings	17		
Convenience Operation	18		
Popcorn	18		
Beverage	18		
Keep Warm	18		
More Modes	19		

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

This Bosch Appliance is made by
BSH Home Appliances Corporation
1901 Main Street, Suite 600
Irvine, CA 92614

Questions?

1-800-944-2904

www.bosch-home.com/us

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.

▲ 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.

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

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.

Do not immerse cord or plug in water.

Keep cord away from heated surfaces.

Do not let cord hang over edge of table or counter.

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.

WARNING

RISK OF INJURY

The light emitted by LED lights is very dazzling, and can damage the eyes (risk group 1). Do not look directly into the switched on LED lights for longer than 100 seconds.

WARNING

RISK OF INJURY

The light emitted by LED lights is very dazzling, and can damage the eyes (risk group 1M in accordance with EN 60825-1). When the LED lights are switched on, do not look directly into the light using optical aids such as binoculars or a magnifying glass.

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. 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.

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

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

Microwave operates on standard household current, 110–120 V.

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

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 gas and electric cooking equipment 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

Clean exhaust filters frequently - Do not allow grease to accumulate on the hood or filters. Fire could result.

Use care when cleaning the exhaust filters. Corrosive cleaning agents, such as lye-based oven cleaners may damage the filter (Refer to the CLEANING section in this manual).

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

CAUTION

Grease left on filters can remelt and move into the vent.

WARNING

Be sure the entire appliance (including the grease filters and light bulbs) 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.
- Do not mount over sink.
- Do not store anything directly on top of the appliance surface when the appliance is in operation.

⚠ IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

- 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 break 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.
- Do not use paper products when appliance is operated in the toaster mode

WARNING

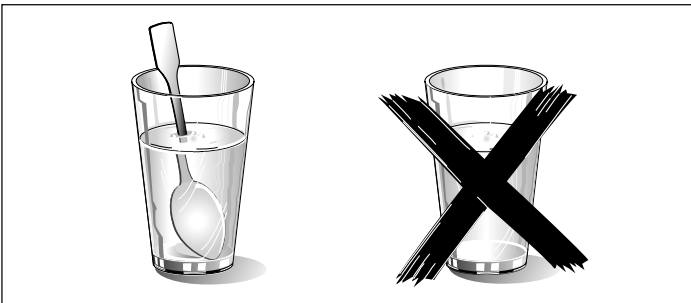
Do not operate gas cooktop burners without pots in place. The open flame may overheat the microwave oven above.

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.

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

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. 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 1/2" (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 glass tray and racks get hot during microwaving. Always use potholders when removing items from the oven. Allow the glass 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 glass tray and the metal racks (if used) will get hot during cooking. The cooking container and the glass 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.

Glass Tray / Turntable Ring

Do not operate the oven without the turntable roller rest and the glass tray in place.

Do not operate the oven without the glass tray in place. Improper cooking or damage to the oven could result. Verify that the glass tray is properly positioned and turning when the oven is in use.

Note: The glass tray can turn in either direction.

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

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

Do not place food directly on the glass tray. Always place food in a microwave safe dish.

Always replace the turntable ring and the glass tray in their proper positions.

The turntable ring must always be used for cooking along with the glass tray.

Exhaust Mode Operation

When the microwave is operated in exhaust mode simultaneously with a different burner, care must be taken to ensure that there is an adequate supply of fresh air which will be needed by the burner for combustion.

WARNING

Avoid carbon monoxide poisoning - Provide adequate air intake so combustion gases are not drawn back into the room.

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.

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

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.

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.

Room Venting with Carbon Filter

The charcoal filter, which was enclosed with your microwave oven, binds the odorous substances.

Note: If no charcoal filter is installed, it is not possible to bind the odorous substances in the cooking vapours.

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 the section "Microwave, suitable ovenware"), or an AutoChef 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.

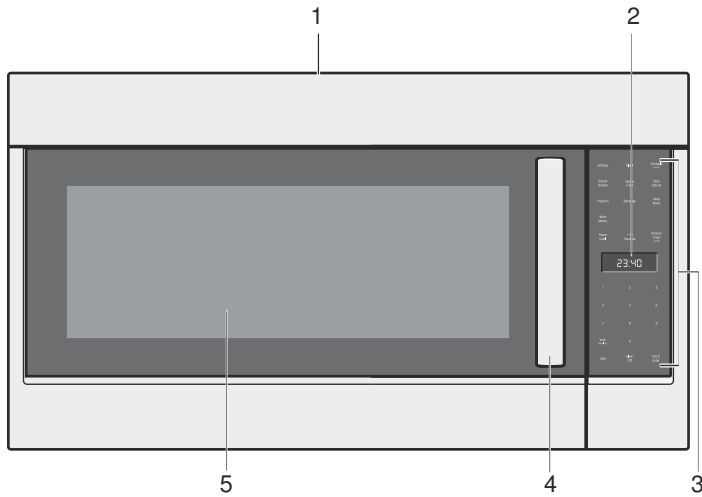
Protecting the environment

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

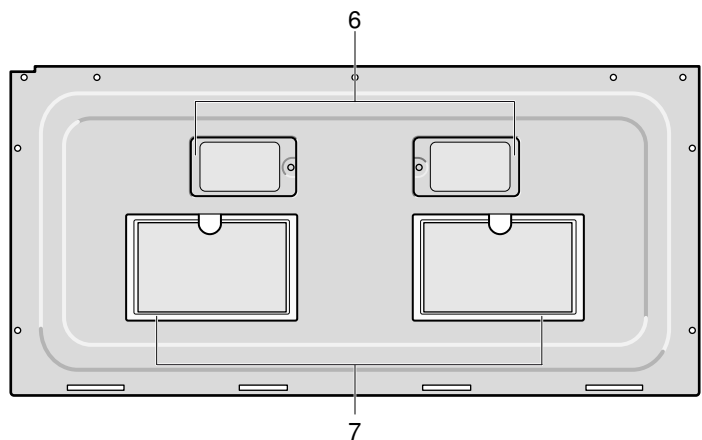
Getting started

Parts

Front view



Bottom view



1	Top vent grill
2	Display
3	Control panel
4	Door handle
5	Window
6	Surface lights (LED)
7	Ventilation filters

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 vent. The fan may also run after the oven is off.

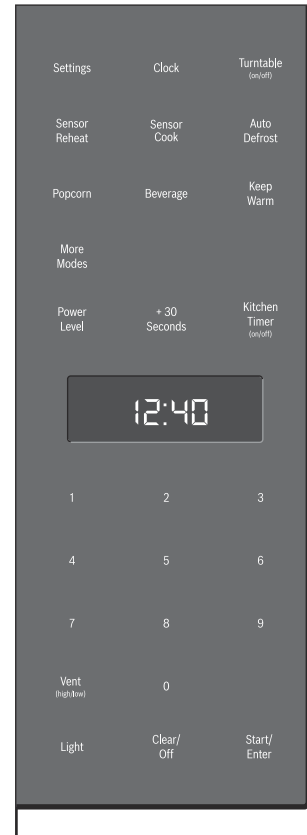
Oven Vent

The oven vent is located at the top of the unit. Warm air may be released from the vent before, during and after cooking. It is normal to see steam escaping from the vent, and condensation may collect in this area. This area may be warm when the oven is in use. Do not block the vent, since it is important for air circulation.

Oven light (LED)

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

Control panel



Touch keys

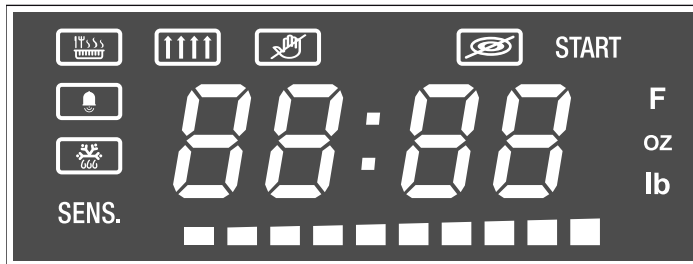
You can activate a function by briefly touching the corresponding touch key. Each time you touch a key a short beep will sound. A long beep will tell you that you have made an invalid input.

Touch key	Function
Settings	Change basic settings
Clock	Set time of day
Turntable (on/off)	Switches turntable on or off
Sensor Reheat	Reheat food with automatic settings
Sensor Cook	Cook food with automatic settings
Auto Defrost	Defrost food with automatic settings
Popcorn	Select popcorn bag size
Beverage	Heat beverages, select beverage size
Keep Warm	Set Keep Warm feature
More Modes	Enter more modes for convenience cooking
Power Level	Set power level for microwave operation

Touch key	Function
+30 Seconds	Add 30 seconds to microwave timer
Kitchen Timer	Set kitchen timer
0 - 9	Use the number keys to enter customized values
Vent (high/low)	Turn kitchen ventilation feature on/off
Light	Turn surface light on/off
Clear/Off	Clear entered value/turn appliance off
Start/Enter	Confirm input, start operation

Display elements

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

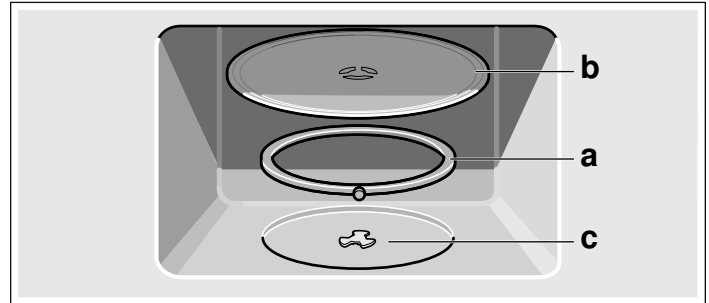


	Keep Warm mode
	Vent fan on
	Panel lock on
	Turntable off
	Kitchen timer
	Defrost
START	Confirmation with Start/Enter key required when blinking
SENS.	Sensing in progress
F	Temperature in °F
oz lb	Numeric display shows weight in Ounces/Pounds
	Status bar for microwave power level
88:88	Numeric display for time, temperature or weight, depending on the unit displayed next to it

Accessories

How to fit the turntable

1. Place the roller rest **a** in the recess in the oven cavity.
2. Let the turntable **b** slot in place in the drive **c** in the center of the floor of the oven cavity.

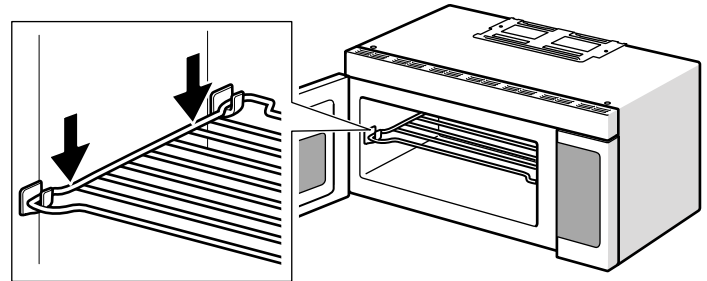


Note: Do not use the appliance if the turntable is not in place. Ensure that it is properly slotted into place and rotates freely when the microwave is operated.

Using the metal rack

The metal rack gives you extra space when cooking in more than one container at the same time.

1. Place rack securely in the four plastic supports.



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

2. Place equal amounts of food both above and below rack.

Note: Amount of food must be approximately the same in both containers to balance out cooking energy.

⚠ CAUTION

- Do not use the rack to pop popcorn.
- The rack must be on the four plastic supports when used.
- Use the rack only when cooking food on two positions.
- Do not cook with rack on the floor of the microwave oven.
- The rack can get hot during microwaving. Allow the rack to cool down before handling.

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.

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:

The appliance must be completely fitted and connected.

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 lower frame of the oven cavity, as indicated on the leaflet that carries the label.

Operation


Setting the clock

The clock can be set in 12-hour mode.

1. Touch **Clock** once.
2. Enter the time using the number keys.
Example: To set the clock to 12:41 type in 1 2 4 1.
3. Touch **Clock** to confirm.
The time of day is displayed.


Setting the Kitchen Timer

You can set a timer value of up to 99 minutes and 99 seconds.

1. Touch **Kitchen Timer**.
The  symbol lights up and **00:00** is blinking.
2. Enter the desired time using the number keys.
3. Touch **Kitchen Timer** to confirm.
The Kitchen Timer starts counting down.
Once the set time has elapsed 4 beeps will sound. To stop the beep, touch **Kitchen Timer**.
To cancel the kitchen timer, touch **Kitchen Timer** again or open the appliance door.

Operating the Ventilation Fan

The Vent feature moves steam and other cooking vapors from the cooking surface of the range below the microwave oven.

You can set four different vent speeds.
Set the vent feature by touching **Vent (high/low)**. The ventilation symbol  will light up on the display.

Vent level	Touch Vent (high/low) key	Display
4 (high)	once	H I
3	twice	
2	3 times	
1 (low)	4 times	L O
OFF	5 times	OFF

Note: If the temperature gets too hot around the microwave oven, the fan of the vent feature will automatically turn on at the lowest setting to cool the oven. The fan will automatically turn off when the internal parts are cool. When this occurs, the vent cannot be manually turned off.



Turning the Surface Light on/off

The appliance is equipped with a cooking surface light, to light the surface underneath the appliance.
With the **Light** key you can set two brightness levels.

Brightness	Touch Light key
High	once
Low	twice
Off	three times

Turning the turntable on / off

For best cooking results, leave the turntable on. It can be turned off for large dishes.

To turn the turntable off, touch **Turntable (on/off)** once. The  symbol and **OFF** lights up briefly. Touch the key again to turn the turntable on. The  symbol and **On** lights up briefly.

⚠ CAUTION

- Sometimes the turntable can become hot. Be careful touching the turntable during and after cooking.
- Do not run the oven empty.
- Do not operate the oven without the turntable in place.

Operating the microwave

The appliance must be turned off.

1. Enter the desired cooking duration with the number keys. The timer display will fill in from right to left.
Example: To set a microwave cooking time of 20 minutes and 30 seconds, enter the numbers 2 0 3 0. **START** is blinking.
2. You can start microwave operation with the default power level 10 by touching **Start/Enter**, **or -** you can adjust the power level. Touch **Power Level**. The default power level **PL 10** is blinking. The segments in the bar underneath the number display also indicate the power level.
3. Enter the desired power level using the number keys. **PL** and the selected power level and **START** are blinking in the display.



4. Touch **Start/Enter** to start microwave operation.
The microwave timer will start to count down.
The microwave timer can be changed during operation by touching **+30 Seconds**.
The power level can be changed during operation. To display the set power level, touch **Power Level**.
Once the microwave time has run out, four beeps 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.

Microwave power levels

The 10 power levels available with this microwave will help you to adjust to the power output best suited for the food type you are preparing. As with any food preparation in the microwave, it is best to follow the microwave instructions that are printed on the food packaging.

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
 High	100%	Boiling water Cooking ground meat Making candy Cooking fresh fruit & vegetables Cooking fish & poultry Preheating browning dish Reheating beverages Cooking bacon slices
	90%	Reheating meat slices quickly Saute onions, celery & green peppers
	80%	All reheating Cooking scrambled eggs
	70%	Cooking breads & cereal products Cooking cheese dishes & veal Cooking muffins, brownies & cupcakes Cooking whole poultry
	60%	Cooking pasta
	50%	Cooking meat Cooking custard Cooking spare ribs, rib roast & sirloin roast
	40%	Cooking less tender cuts of meat Reheating frozen packaged foods
	30%	Thawing meat, poultry & seafood Cooking small quantities of food Finish cooking casseroles, stew & some sauces Melting chocolate

Power level	Microwave output	Use for
	20%	Softening butter & cream cheese
	10%	Softening ice cream Raise yeast dough

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.


Adding cook time (+30 Seconds)

This time-saving feature will let you quickly add 30 seconds to any cook time. **+30 Seconds** will also start the microwave with 30 seconds at 100% power level. Each time you touch the **+30 Seconds** key, 30 seconds will be added to the cook 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.

Setting Auto Defrost

1. Touch **Auto Defrost** once. *DEF 1* and **START** are blinking and the  symbol lights up in the display.



2. Touch **Auto Defrost** repeatedly until the desired program number is shown in the display. Check the menu label at the bottom of the oven cavity or see program table below.
3. Touch **Start/Enter**. *0.0* lb is blinking in the display.
4. Enter the weight of the food using the number keys.
5. Touch **Start/Enter** to start the program.

When auto defrost is finished 4 beeps will sound. The appliance turns off and the clock is displayed.

Note: A beep sounds during defrosting for all food programs 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

Program no.	Food	Weight range
<i>DEF 1</i>	Ground meat	0.5 - 3lbs
<i>DEF 2</i>	Meat pieces (steaks, chops)	0.5 - 3 lbs
<i>DEF 3</i>	Poultry pieces	0.5 - 3 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 (see program table).
- 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.

Defrosting suggestions for meat

For best results, please read these suggestions when defrosting meat.

Meat	Weight range	Suggestions
Ground meat	0.5 to 2 lbs (8 to 48 oz)	After each stage, remove any pieces of food that are nearly defrosted. Let stand covered with foil for 5 to 10 minutes.
Steaks, chops or fish	0.5 to 3 lbs (8 to 48 oz)	After each stage, rearrange the food. If there are any warm or thawed portions of food, shield them with narrow pieces of aluminum foil. Remove any pieces of food that are nearly defrosted. Let stand covered for about 5 to 10 minutes.
Chicken pieces	0.5 to 3 lbs (8 to 48 oz)	After each stage, rearrange or remove any pieces of food that are nearly defrosted. Let stand covered for 10 to 20 minutes.

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** once. *Sr - 1* and START are blinking in the display.



2. Touch **Sensor Reheat** repeatedly until the desired program number is shown in the display. Check the menu label at the bottom of the oven cavity or see program table below.
3. Touch **Start/Enter** to start sensor reheat mode. The appliance starts sensing, SENS. lights up in the display. The microwave is operating during sensing. When sensing is complete, two short beeps will sound and the calculated cook time will start to count down.

Once sensor reheat is finished 4 beeps 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.

Notes

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

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.

Sensor Reheat programs

Program no.	Food	Quantity
<i>Sr - 1</i>	Dinner plate	1 serving
<i>Sr - 2</i>	Casserole, pasta	1 to 4 servings

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.

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

- Food cooked with the sensor system should start from normal storage temperature.
- Turntable tray, glass 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 twice 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.**

Setting Sensor Cook

1. Touch **Sensor Cook** once. **Sc-1** and START are blinking.
2. Touch **Sensor Cook** repeatedly until the desired program number is shown in the display.
3. Touch **Start/Enter** to start sensor cook mode. SENS. lights up in the display and the appliance starts sensing.



When sensing is complete, two short beeps will sound and the calculated cook time will start to count down.

Once sensor cook is finished 4 beeps 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.

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.

Sensor Cook programs


Progr. no.	Food	Quantity	Cooking tips
Sc-1	Baked Potato	1 - 4 potatoes (8 - 32 oz)	After cooking, allow to stand wrapped in foil for 5 minutes.
Sc-2	Sweet Potato	1 - 4 potatoes (8 - 32 oz)	After cooking, allow to stand wrapped in foil for 5 minutes.
Sc-3	Fresh Vegetable	8 - 24 oz (0.5 - 1.5 lbs)	No water is needed if vegetables have just been washed. Add 2 tablespoons water per 8 ounces of fresh vegetables.
Sc-4	Frozen Vegetable	8 - 24 oz (0.5 - 1.5 lbs)	Add 1 tablespoon water per 4 ounces of frozen vegetables.

Progr. no.	Food	Quantity	Cooking tips
Sc-5	Ground Meat	8 - 24 oz (0.5 - 1.5 lbs)	After cooking, allow to stand, covered, for 3 - 4 minutes.
Sc-6	Fish/Seafood	8 - 24 oz (0.5 - 1.5 lbs)	Roll thin edges underneath. Arrange in a ring around microwaveable dish.
Sc-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.
Sc-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.
Sc-9	Frozen Entrees		Follow package instructions for venting, cutting plastic film, etc.


Panel Lock

The panel lock feature is 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 **Clear/Off** for more than 3 seconds. The  symbol lights up in the display, a double beep sounds.

To deactivate the panel lock:

Touch and hold **Clear/Off** for more than 3 seconds. The  symbol disappears from the display. The panel is unlocked.

Settings

The following basic settings of your appliance can be adjusted to your personal preferences.

Display	Function	Touch Settings key
Scd	Key sounds on/off 1 - on 2 - off	once
Cl o	Clock display in stand-by mode on/off 1 - on 2 - off	twice

Changing the settings

Example: Turn clock display on/off.

1. Touch **Settings** twice.
[**10** and **OFF** or **On** alternate in the display.
2. Touch the number key **1** to turn the clock display on, touch **2** to turn the clock display off.

3. Touch **Start/Enter**.
4. Touch **Clear/Off** to exit the settings menu.

Note: You can only change one setting at a time. To change another setting, you have to exit the settings menu first and begin from step 1.

Convenience Operation

Popcorn

▲ CAUTION

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

Setting Popcorn mode

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. (default setting)	once
2.5 oz.	twice
3.5 oz.	3 times

Example: Pop a 3.5 oz. bag of popcorn automatically:

1. **Popcorn** three times. **3** and **START** are blinking in the display.
2. Touch **Start/Enter**.
The appliance starts to count down. Once the microwave time has elapsed 4 beeps will sound. The appliance turns off and the clock is displayed.

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.

Beverage

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

Pro-gram No.	Amount	Touch Beverage key
1	0.5 cups (about 8 oz)	once
2	1 cup (about 16 oz)	twice
3	1.5 cups (about 24 oz)	3 times
4	2 cups (about 32 oz)	4 times

Example: Heat 1 cup of a beverage.

1. Touch **Beverage** twice. **2** and **START** are blinking in the display.
2. Touch **Start/Enter**.
Once the cook time has elapsed, 4 beeps will sound. The appliance turns off and the clock is displayed.

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.

Keep Warm


You can keep cooked food warm in your microwave oven for up to 60 minutes.

▲ CAUTION

WHEN USING KEEP WARM MODE, FOLLOW THESE GUIDELINES:

- Do not use the Keep Warm mode to heat cold food.
- Be sure to maintain proper food temperature. The USDA recommends holding hot food at 140 °F (60 °C) or warmer.
- DO NOT warm food longer than one hour.

Setting Keep Warm

1. Touch **Keep Warm**. The  symbol lights up and **00:00** is blinking in the display.
2. Enter the desired time using the number keys.
3. Touch **Start/Enter**.

Once the set Keep Warm time has elapsed, the appliance keeps beeping until **Clear/Off** is pressed.

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.

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 five more convenient programs.

Available modes

Mode no.	Name	Input
1	Melt butter	1 = 2 tablespoons 2 = 1/4 cup 3 = 1/2 cup
2	Melt chocolate	1 = 1 cup 2 = 2 cups
3	Soften ice cream	1 = 4 oz. 2 = 8 oz. 3 = 16 oz. 4 = 32oz. 5 = 48 oz.
4	Soften cream cheese	1 = 3 oz. 2 = 6 oz. 3 = 8 oz.
5	Time defrost	Enter defrost time

Setting More Modes

1. Touch **More Modes** once. **i** and **START** are blinking in the display.
2. Touch **More Modes** repeatedly until the desired program number is shown in the display. Check the menu label at the bottom of the oven cavity or see program table above.
3. Touch **Start/Enter**. For modes 1 to 4: **i** and **START** is blinking on the display. For mode 5: **00:00** is blinking in the display.
4. Enter the desired weight category (mode 1 - 4) or enter the desired defrost time (mode 5) with the number keys.
5. Touch **Start/Enter** to start operation. Once the cook time has elapsed, 4 beeps will sound. The appliance turns off and the clock is displayed.

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.

Cooking Charts

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

Cooking meat in your microwave

Be sure to place prepared meats on a microwave-safe roasting rack in a microwave-safe dish. Start cooking the

meat fat side down and if necessary, use narrow strips of aluminum foil to shield any bone tips or thin meat areas. After cooking, check the temperature in several places before letting the meat stand the recommended time. Please note that the temperatures in the following charts are temperatures at removal time; the temperature will rise during the standing period.

Meat	Power level	Cook time	Directions
Roast beef (boneless) (up to 4 lbs.)	High (10) for first 5 minutes, then medium (5)	12–17 min./lb. for 160° F (71°C) (Medium) 14–19 min./lb. for 170° F (76°C) (Well Done)	Place roast beef fat-side down on roasting rack. Cover with wax paper. Turn over half way through cooking. Let stand 10–15 minutes.*
Roast pork (boneless or bone-in) (up to 4 lbs.)	High (10) for first 5 minutes, then medium (5)	15–20 min./lb. for 170° F (76°C) (Well Done)	Place roast pork fat-side down on roasting rack. Cover with wax paper. Turn over half way through cooking. Let stand 10–15 minutes.*

*Expect a 10° F rise in the temperature during the standing period.

Stand time

Meat	Doneness	Remove from oven	After standing (10-15 min.)
Beef	Medium	150°F (65°C)	160°F (71°C)
	Well done	160°F (71°C)	170°F (77°C)
Pork	Medium	150°F (65°C)	160°F (71°C)
	Well done	160°F (71°C)	170°F (77°C)
Poultry	Dark meat	150°F (65°C)	150°F (65°C)
	Light meat	160°F (71°C)	160°F (71°C)

Cooking poultry in your microwave

Be sure to place poultry on a microwave-safe roasting rack in a microwave-safe dish. Cover poultry with wax paper to prevent splattering. Use narrow strips of

aluminum foil to shield any bone tips or thin meat areas, or areas that start to overcook. After cooking, check the temperature in several places before letting the meat stand the recommended time.

Meat	Power level	Cook time	Directions
Whole chicken (up to 4 lbs.)	medium high (7) 180° F (82°C) dark meat 170° F (76°C) dark meat	7–10 min. /lb	Place chicken breast-side down on roasting rack. Cover with wax paper. Turn over halfway through cooking. Cook until juices run clear and meat near bone is no longer pink. Let stand for 5–10 min.
Chicken pieces (up to 4 lbs.)	medium high (7) 180° F (82°C) dark meat 170° F (76°C) dark meat	7–10 min. /lb	Place chicken bone-side down on dish, with thickest portions toward the inside of dish. Cover with wax paper. Turn over halfway through cooking. Cook until juices run clear and meat near bone is no longer pink. Let stand for 5–10 min.

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.

- 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.

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.
- 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.

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 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 (including the grease filters and light bulbs) has cooled and grease has solidified before attempting to clean any part of the appliance.

Cleaning

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. 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 oven without food in the oven cavity; this can damage the magnetron tube or glass 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 microwave-safe dish at High power for 5 minutes or until boiling. Let stand in oven cavity for 1 or 2 minutes.
Wire rack	Wash with soapy water. Rinse thoroughly and dry, or gently rub with cleansing powder or soap-filled pads as directed.
Glass turntable tray	Remove glass turntable tray from the oven when cleaning the oven cavity and tray. NOTICE: To prevent the glass turntable from breaking, handle with care and do not put it in water immediately after cooking. Wash the glass turntable tray in warm soapy water or in the dishwasher.
Turntable roller rest	Clean with warm, soapy water. Rinse thoroughly and dry.
Door glass	Wash with soap and water or glass cleaner. Use Fantastik® or Formula 409® on a clean sponge or paper towel and wipe clean. Avoid using abrasive cleaners, like 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.

Part	Recommendations
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 abrasive cleaners, like powder cleaning agents, steel wool pads and oven cleaners.
Stainless steel surfaces	Always wipe or rub in the direction of the grain. Clean with a soapy sponge, then rinse and dry, or wipe with Fantastik® sprayed 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. Do not use any cleanser that contains chlorine as these may rust the stainless steel
Plastic & Controls	When cool, clean with soapy water, rinse and dry.
Printed areas (words & numbers)	Do not use abrasive cleaners or petroleum based solvents.

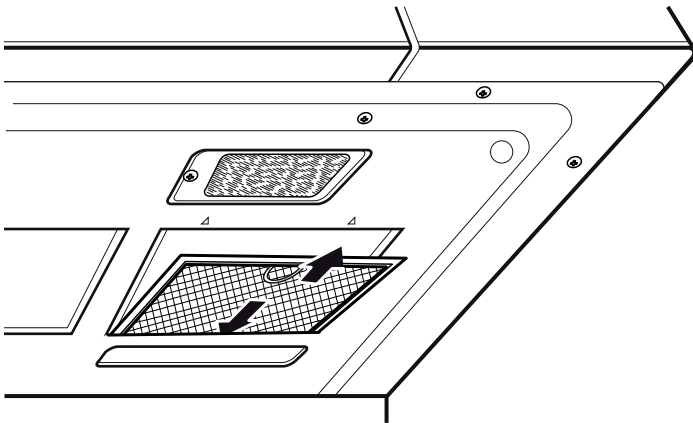
Cleaning the oven vent filters

The oven ventilation filters should be removed and cleaned often; generally at least once every month.

⚠ CAUTION

To avoid risk of personal injury or property damage, do not operate oven vent without filters properly in place.

1. To remove the ventilation filters, slide the filter to the rear. Then pull filter downward and push to the other side. The filter will drop out. Repeat for the 2nd filter.



2. Soak the ventilation filters in hot water using a mild detergent. Rinse well and shake to dry. Do not use ammonia or wash in a dishwasher. The aluminum on the filter will corrode and darken.
3. To reinstall an oven ventilation filter, slide it into the side slot, then push up and toward oven to lock. Reinstall the 2nd filter using the same procedure.

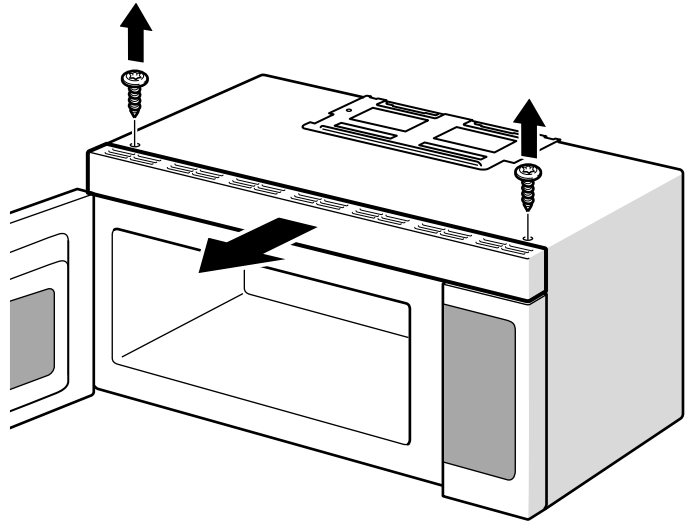
Maintenance

Charcoal filter replacement

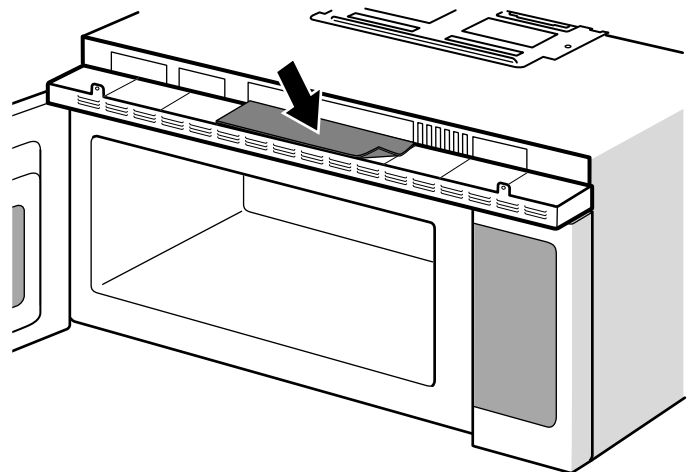
The charcoal filter, which was included with your microwave oven, is used for nonvented, recirculated installation (Room Venting). The filter should be replaced every 6 to 12 months depending on use.

1. Disconnect power to the microwave oven at the circuit breaker panel or by unplugging.
2. Remove the vent grill mounting screws.

3. Pull the vent grill away from the unit.



4. Change the charcoal filter.



5. Carefully push the vent grill back into place and replace the screws removed in Step 2.

Note: If no charcoal filter is installed, it is not possible to bind the odorous substances in the cooking vapors.

Replacement filters can be purchased from the Bosch eshop, www.bosch-home.com/us/store.

Part number 00676120

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.• Remove the plug from the outlet, wait 10 seconds, then plug the microwave in again.• Reset the household circuit breaker or replace any blown fuses.• Plug a different appliance into the power outlet. If the other appliance will not operate, have a qualified electrician repair the outlet.• Plug the microwave into a different power outlet.
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.
Power goes off before the cook time has elapsed.	<ul style="list-style-type: none">• If there has been a power interruption, remove the plug from the outlet; wait 10 seconds, then plug the microwave in again. If there was a power outage, the time indicator in the display will show 00:00.• 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.• Plug a different appliance into the power outlet. If the other appliance will not operate, have a qualified electrician repair the outlet.• Plug the microwave into a different power outlet.
Food is cooking too slowly.	Make sure the oven is on a separate 20 amp circuit line. Operating another appliance on the same circuit can cause a voltage drop. If necessary, move the microwave to its own circuit.
Microwave is sparking, arcing occurs.	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.
Turntable makes noises or sticks.	<ul style="list-style-type: none">• Clean the turntable, roller ring and oven cavity bottom.• Make sure the turntable and roller ring are positioned correctly.
Using the 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.
LED lights are not working.	Please contact Customer Service.

Note: If the oven is set to cook for more than 30 minutes at 100% power level, it will automatically adjust itself to a 80% power level after 30 minutes to avoid overcooking.

Bosch® Support

Before Calling Service

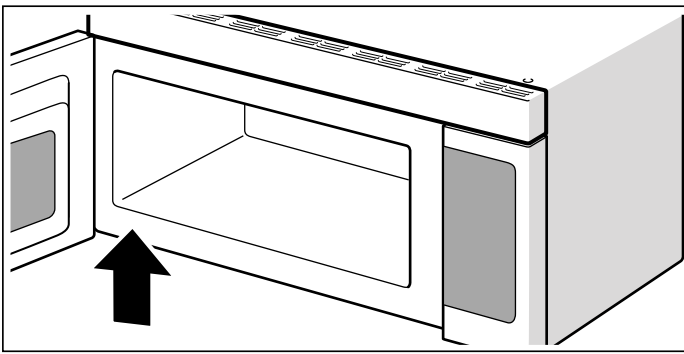
See the Use and Care Manual for troubleshooting information. Refer to the "Statement of Limited Product Warranty" in the Use and Care Manual.

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.



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.



9001152493

960720



BOSCH

Invented for life

1901 Main Street, Suite 600 • Irvine, CA 92614 • 800-944-2904
www.bosch-home.com • © 2016 BSH Home Appliances