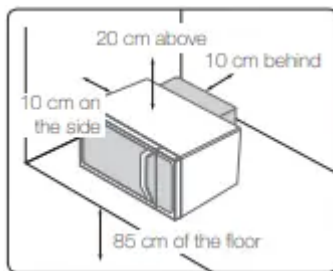


INSTALLATION

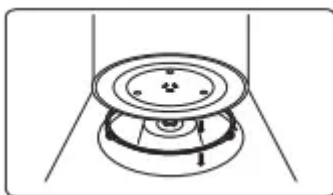
INSTALLATION SITE

- Select a flat, level surface approx. 85 cm above the floor. The surface must support the weight of the oven.
- Secure room for ventilation, at least 10 cm from the rear wall and both sides, and 20 cm from above.
- Do not install the oven in hot or damp surroundings, such as next to other microwave ovens or radiators.
- Conform to the power supply specifications of this oven. Use only approved extension cables if you need to use.
- Wipe the interior and the door seal with a damp cloth before using your oven for the first time.



TURNTABLE

Remove all packing materials inside the oven. Install the roller ring and turntable. Check that the turntable rotates freely



Maintenance

CLEANING

Clean the oven regularly to prevent impurities from building up on or inside the oven. Also pay special attention to the door, door sealing, and turntable and roller ring (applicable models only).

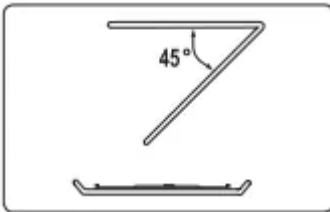
If the door won't open or close smoothly, first check if the door seals have built up impurities. Use a soft cloth in soapy water to clean both the inner and outer sides of the oven. Rinse and dry well.

To remove stubborn impurities with bad smells from inside the oven

1. With an empty oven, put a cup of diluted lemon juice on the centre of the turntable.
2. Heat the oven for 10 minutes at max power.
3. When the cycle is complete, wait until the oven cools down. Then, open the door and clean the cooking chamber.

To clean inside swing-heater models

To clean the upper area of the cooking chamber, lower the top heating element by 45° as shown. This will help clean the upper area. When done, reposition the top heating element.

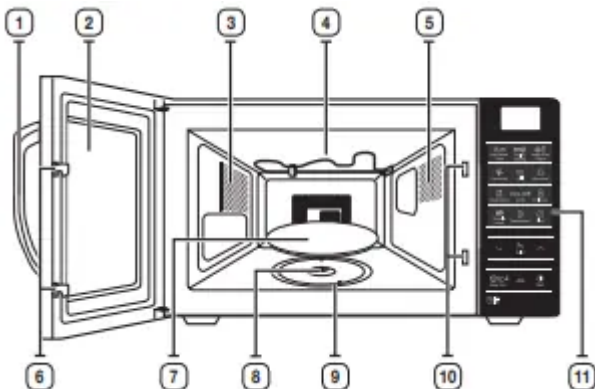


CAUTION

- Keep the door and door sealing clean and ensure the door opens and closes smoothly. Otherwise, the oven's lifecycle may be shortened.
- Take caution not to spill water into the oven vents.
- Do not use any abrasive or chemical substances for cleaning.
- After each use of the oven, use a mild detergent to clean the cooking chamber after waiting for the oven to cool down.

Oven features

OVEN



1. DOOR HANDLE
2. DOOR
3. VENTILATION HOLES
4. HEATING ELEMENT
5. LIGHT
6. DOOR LATCHES
7. TURNTABLE
8. COUPLER
9. ROLLER RING
10. SAFETY INTERLOCK HOLES
11. CONTROL PANEL

CONTROL PANEL



1. AUTO REHEAT / COOK BUTTON
2. HEALTHY COOKING BUTTON
3. DOUGH PROOF / YOGURT BUTTON
4. CONVECTION BUTTON
5. GRILL BUTTON
6. MICROWAVE BUTTON
7. POWER DEFROST BUTTON
8. COMBI BUTTON
9. CHILD LOCK BUTTON
10. TURNTABLE ON/OFF BUTTON
11. DEODORISATION BUTTON
12. CLOCK BUTTON

13. DOWN BUTTON
14. SELECT BUTTON
15. UP BUTTON
16. STOP / ECO BUTTON
17. +30s BUTTON
18. START BUTTON

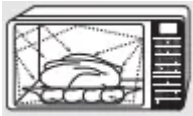
Oven use

HOW A MICROWAVE OVEN WORKS

Microwaves are high-frequency electromagnetic waves; the energy released enables food to be cooked or reheated without changing either the form or the colour. You can use your microwave oven to:

- Defrost
- Reheat
- Cook

Cooking principle.



1. The microwaves generated by the magnetron reflected at cavity and are distributed uniformly as the food rotates on the turntable. The food is thus cooked evenly.
2. The microwaves are absorbed by the food up to a depth of about 1 inch (2.5 cm). Cooking then continues as the heat is dissipated within the food.
3. Cooking times vary according to the container used and the properties of the food:
 - Quantity and density
 - Water content
 - Initial temperature (refrigerated or not)

CHECKING THAT YOUR OVEN IS OPERATING CORRECTLY

The following simple procedure enables you to check that your oven is working correctly at all times. If you are in doubt, refer to the section entitled “Troubleshooting” on the page 38.

The oven must be plugged into an appropriate wall socket. The turntable must be in position in the oven. If a power level other than the maximum (100 % - 900 W) is used, the water takes longer to boil.

Open the oven door by pulling the handle on the right side of the door.

Place a glass of water on the turntable. Close the door



Operate the Microwave mode and set the time to 4 or 5 minutes by pressing the +30s or Up and Down button the appropriate number of times.

Result: The oven heats the water for 4 or 5 minutes. The water should then be boiling.

SETTING THE TIME

Your microwave oven has an inbuilt clock. When power is supplied, "88:88" and then "12:00" is automatically displayed on the display.

Please set the current time. The time can be displayed in either the 24-hour or 12-hour notation. You must set the clock:

- When you first install your microwave oven
- After a power failure

Do not forget to reset the clock when you switch to and from summer and winter time.



1. Press the Clock button.



2. Press the Up or Down button to set time display type (12H or 24H). At that time, press the Select button to set the display type.



3. Press the Up or Down button to set the hour.



4. Press the Select button.



5. Press the Up or Down button to set the minute.



6. When the right time is displayed, press the Select button to start the clock.

Result: The time is displayed whenever you are not using the microwave oven.

ADJUSTING THE COOKING TIME

You can adjust the cooking time by pressing the +30s.

- Check how cooking is progressing at any time simply by opening the door
- Increase the remaining cooking time

+30s

To increase the cooking time of your food, press the +30s button once for each 30 seconds that you wish to add.

- Example: To add three minutes, press the +30s button six times.



To adjust the cooking time of press the Up and Down button that you wish to add.

SETTING THE ENERGY SAVE MODE

The oven has an energy save mode.



- Press the Stop / Eco button. (During Standby mode.) Result: Display off.
- To remove energy save mode, open the door or press the Stop / Eco button and then display shows current time. The oven is ready for use.

Auto energy saving function

- If you do not select any function when appliance is in the middle of setting or operating with temporary stop condition, function is canceled and clock will be displayed after 25 minutes.
- Oven Lamp will be turned off after 5 minutes with door open condition.

USING THE AUTO REHEAT/COOK FEATURES

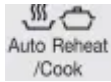
The 10 Auto Reheat / Cook features include/provide pre-programmed cooking times.

You do not need to set either the cooking times or the power level.

You can adjust the size of the serving by pressing the Up or Down button.

Use only recipients that are microwave-safe.

Open the door. Place the food in the centre of the turntable. Close the door.



1. Press the Auto Reheat / Cook button.



2. Press the Up and Down button to select Cook category. (1 : Auto Reheat, 2 : Auto Cook)



3. Press the Select button.



4. Select the type of food that you are cooking by pressing the Up and Down button. Refer to the table on the following page for a description of the various pre-programmed settings. Press the Select button to select the type of food.



5. Select the size of the serving by pressing the Up and Down button.



6. Press the Start button.

Result: The food is cooked according to the preprogrammed setting selected. When cooking has finished, the oven will beep and flash “End” 4 times. The oven will then beep one time per minute.

USING THE HEALTHY COOKING FEATURES

The 15 Healthy Cooking features provide pre-programmed cooking times. You do not need to set either the cooking times or the power level. You can adjust the size of the serving by pressing the Up or Down button.

Use only dishes that are microwave-safe.

Open the door. Place the food in the centre of the turntable. Close the door.



1. Press the Healthy Cooking button.



2. Press the Up or Down button to select cook category.



3. Select the cook category by pressing the Select button.



4. Press the Up or Down button to select cook type.



5. Select the cook type by pressing the Select button.



6. Press the Up or Down button to select serving size. Refer to the table on the following page for a description of the various pre-programmed settings.



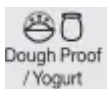
7. Press the Start button.

Result: The food is cooked according to the preprogrammed setting selected.

When cooking has finished, the oven will beep and flash “End” 4 times. The oven will then beep one time per minute.

USING THE DOUGH PROOF/YOGURT FEATURES

The 5 Dough Proof / Yogurt features provide pre-programmed cooking times. You do not need to set either the cooking times or the power level. You can adjust the dough proof / yogurt category by pressing the Up or Down button after press the Dough Proof / Yogurt button. First, place the food in the centre of the turntable and close the door.



1. Press the Dough Proof / Yogurt button.



2. Select the type of food that you are cooking by Up or Down button. No.1 is Dough Proof and No.2 is Homemade Yogurt. You have to choose the number that you want to use for cooking by pressing the Up or Down button. Refer to the table on the following page for a description of the various pre-programmed settings. At that time, press the Select button to select the type of food.



3. Select the size of the serving by pressing the Up or Down button.



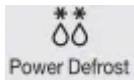
4. Press the Start button.

USING THE POWER DEFROST FEATURES

The 5 Power Defrost features enables you to defrost meat, poultry, fish, bread, cake and fruit. The defrost time and power level are set automatically. You simply select the programme and the weight.

Use only containers that are microwave-safe.

Open the door. Place the frozen food on a ceramic in the centre of the turntable. Close the door.



1. Press the Power Defrost button.



2. Select the type of food that you are cooking by pressing the Up or Down button. Refer to the table on the following page for a description of the various pre-programmed settings. At that time, press the Select button to select the type of food.



3. Select the size of the serving by pressing the Up or Down button.



4. Press the Start button.

Result:

Defrosting begins.

The oven beeps through defrosting to remind you to turn the food over.



5. Press the Start button again to finish defrosting.

Result: When cooking has finished, the oven will beep and flash "End" 4 times. The oven will then beep one time per minute.

GRILLING

The grill enables you to heat and brown food quickly, without using microwaves.

- Always use oven gloves when touching the recipients in the oven, as they will be very hot.
- You can get better cooking and grilling results, if you use the high rack.



1. Open the door and place the food on the rack.



2. Press the Grill button.

Result: The following indications are displayed:

 (grill mode)

- You cannot set the temperature of the grill



3. Set the grilling time by pressing the Up or Down button.

- The maximum grilling time is 60 minutes.



4. Press the Start button

Result: Grilling starts

- When cooking has finished, the oven will beep and flash "End" 4 times. The oven will then beep one time per minute.

CHOOSING THE ACCESSORIES



Traditional convection cooking does require cookware. You should, however, use only cookware that you would use in your normal oven.

Microwave-safe containers are not usually suitable for convection cooking; don't use plastic containers, dishes, paper cups, towels, etc.

If you wish to select a combined cooking mode (microwave and grill or convection), use only recipients that are microwave-safe and oven-proof.

For further details on suitable cookware and utensils, refer to the Cookware Guide on page 28.

COMBINING MICROWAVE AND GRILL

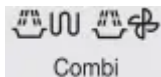
You can also combine microwave cooking with the grill, to cook quickly and brown at the same time

ALWAYS use microwave-safe and oven-proof cookware. Glass or ceramic dishes are ideal as they allow the microwaves to penetrate the food evenly

ALWAYS use oven gloves when touching the recipients in the oven, as they will be very hot.

You can improve cooking and grilling, if you use the high rack.

Open the door. Place the food on the rack best suited to the type of food to be cooked. Place the rack on the turntable. Close the door



1. Press the Combi button.

Result:

The following indications are displayed:

Cb-1 (Microwave + Grill)



2. Make the display indicating Cb-1 by pressing the Up or Down button, and then press the Select button.

Result: The following indications are displayed:

 (microwave & grill combi mode

600W (output power



3. Select the appropriate power level by pressing the Up or Down button until the corresponding output power is displayed (600, 450, 300 W). At that time, press the Select button to set the power level.

- You cannot set the temperature of the grill.
- If don't set the power level within 5 seconds, Automatically changes to the cooking time setting stage.



4. Set the cooking time by pressing the Up or Down button.

- The maximum cooking time is 60 minutes.



5. Press the Start button.

Result:

- Combination cooking starts.
- When cooking has finished, the oven will beep and flash “End” 4 times. The oven will then beep one time per minute.

Cooking guide

MICROWAVES

Microwave energy actually penetrates food, attracted and absorbed by its water, fat and sugar content.

The microwaves cause the molecules in the food to move rapidly. The rapid movement of these molecules creates friction and the resulting heat cooks the food.

COOKING

Cookware for microwave cooking:

Cookware must allow microwave energy to pass through it for maximum efficiency.

Microwaves are reflected by metal, such as stainless steel, aluminium and copper, but they can penetrate through ceramic, glass, porcelain and plastic as well as paper and wood. So food must never be cooked in metal containers.

Food suitable for microwave cooking:

Many kinds of food are suitable for microwave cooking, including fresh or frozen vegetables, fruit, pasta, rice, grains, beans, fish, and meat. Sauces, custard, soups, steamed puddings, preserves, and chutneys can also be cooked in a microwave oven. Generally speaking, microwave cooking is ideal for any food that would normally be prepared on a hob. Melting butter or chocolate, for example (see the chapter with tips, techniques and hints).

Covering during cooking

To cover the food during cooking is very important, as the evaporated water rises as steam and contributes to cooking process. Food can be covered in different ways: e.g. with a ceramic plate, plastic cover or microwave suitable cling film.

Standing times

After cooking is over food the standing time is important to allow the temperature to even out within the food.

Cooking Guide for frozen vegetables

Use a suitable glass pyrex bowl with lid. Cook covered for the minimum time – see table. Continue cooking to get the result you prefer.

Stir twice during cooking and once after cooking. Add salt, herbs or butter after cooking. Cover during standing time.

Food	Serving size	Power	Time (min.)
Spinach	150 g	600 W	5-6
	Instructions Add 15 ml (1 tbsp) cold water. Serve after 2-3 minutes standing.		
Broccoli	300 g	600 W	8-9
	Instructions Add 30 ml (2 tbsp) cold water. Serve after 2-3 minutes standing.		
Peas	300 g	600 W	7-8
	Instructions Add 15 ml (1 tbsp) cold water. Serve after 2-3 minutes standing.		
Green Beans	300 g	600 W	7½-8½
	Instructions Add 30 ml (2 tbsp) cold water. Serve after 2-3 minutes standing.		
Mixed Vegetables (Carrots/Peas/ Corn)	300 g	600 W	7-8
	Instructions Add 15 ml (1 tbsp) cold water. Serve after 2-3 minutes standing.		
Mixed Vegetables (Chinese style)	300 g	600 W	7½-8½
	Instructions Add 15 ml (1 tbsp) cold water. Serve after 2-3 minutes standing.		

Cooking Guide for fresh vegetables

Use a suitable glass bowl with lid. Add 30-45 ml cold water (2-3 tbsp) for every 250 g unless another water quantity is recommended – see table. Cook covered for the minimum time – see table. Continue cooking to get the result you prefer. Stir once during and once after cooking. Add salt, herbs or butter after cooking. Cover during a standing time of 3 minutes

Hint: Cut the fresh vegetables into even sized pieces. The smaller they are cut, the quicker they will cook.

Food	Serving size	Power	Time (min.)
Broccoli	250 g	900 W	4½-5
	500 g		7-8
Instructions Prepare even sized florets. Arrange the stems to the centre. Serve after 3 minutes standing.			
Brussels Sprouts	250 g	900 W	6-6½
	Instructions Add 60-75 ml (5-6 tbsp) water. Serve after 3 minutes standing.		
Carrots	250 g	900 W	4½-5
	Instructions Cut carrots into even sized slices. Serve after 3 minutes standing.		
Cauliflower	250 g	900 W	5-5½
	500 g		7½-8½
Instructions Prepare even sized florets. Cut big florets into halves. Arrange stems to the centre. Serve after 3 minutes standing.			
Courgettes	250 g	900 W	4-4½
	Instructions Cut courgettes into slices. Add 30 ml (2 tbsp) water or a knob of butter. Cook until just tender. Serve after 3 minutes standing.		
Egg plants	250 g	900 W	3½-4
	Instructions Cut egg plants into small slices and sprinkle with 1 tablespoon lemon juice. Serve after 3 minutes standing.		

Food	Serving size	Power	Time (min.)
Leeks	250 g	900 W	4-4½
	Instructions Cut leeks into thick slices. Serve after 3 minutes standing.		
Mushrooms	125 g	900 W	1½-2
	250 g		2½-3
Instructions Prepare small whole or sliced mushrooms. Do not add any water. Sprinkle with lemon juice. Spice with salt and pepper. Drain before serving. Serve after 3 minutes standing.			
Onions	250 g	900 W	5-5½
	Instructions Cut onions into slices or halves. Add only 15 ml (1 tbsp) water. Serve after 3 minutes standing.		
Peppers	250 g	900 W	4½-5
	Instructions Cut pepper into small slices.		
Potatoes	250 g	900 W	4-5
	500 g		7-8
Instructions Weigh the peeled potatoes and cut them into similar sized halves or quarters. Serve after 3 minutes standing.			
Turnip Cabbage	250 g	900 W	5½-6
	Instructions Cut turnip cabbage into small cubes. Serve after 3 minutes standing.		

REHEATING

Your microwave oven will reheat food in a fraction of the time that conventional ovens hobs normally take.

Use the power levels and reheating times in the following chart as a guide. The times in the chart consider liquids with a room temperature of about +18 to +20 °C or a chilled food with a temperature of about +5 to +7 °C.

Arranging and covering

Avoid reheating large items such as joint of meat - they tend to overcook and dry out before the centre is piping hot. Reheating small pieces will be more successful.

Power levels and stirring

Some foods can be reheated using 900 W power while others should be reheated using 600 W, 450 W or even 300 W.

Check the tables for guidance.

In general, it is better to reheat food using a lower power level, if the food is delicate, in large quantities, or if it is likely to heat up very quickly (mince pies, for example).

Stir well or turn food over during reheating for best results. When possible, stir again before serving.

Take particular care when heating liquids and baby foods. To prevent eruptive boiling of liquids and possible scalding, stir before, during and after heating. Keep them in the microwave oven during standing time. We recommend putting a plastic spoon or glass stick into the liquids. Avoid overheating (and therefore spoiling) the food. It is preferable to underestimate cooking time and add extra heating time, if necessary.

Heating and standing times

When reheating food for the first time, it is helpful to make a note of the time taken - for future reference.

Always make sure that the reheated food is piping hot throughout.

Allow food to stand for a short time after reheating - to let the temperature even out.

The recommended standing time after reheating is 2-4 minutes, unless another time is recommended in the chart.

Take particular care when heating liquids and baby food. See also the chapter with the safety precautions.

REHEATING LIQUIDS

Always allow a standing time of at least 20 seconds after the oven has been switched off to allow the temperature to even out. Stir during heating, if necessary, and ALWAYS stir after heating. To prevent eruptive boiling and possible scalding, you should put a spoon or glass stick into the beverages and stir before, during and after heating.

REHEATING BABY FOOD

BABY FOOD:

Empty into a deep ceramic plate. Cover with plastic lid. Stir well after reheating! Let stand for 2-3 minutes before serving. Stir again and check the temperature. Recommended serving temperature: between 30-40 °C.

BABY MILK:

Pour milk into a sterilised glass bottle. Reheat uncovered. Never heat a baby's bottle with teat on, as the bottle may explode if overheated. Shake well before standing time and again before serving! Always carefully check the temperature of baby milk or food before giving it to the baby. Recommended serving temperature: ca. 37 °C.

REMARK:

Baby food particularly needs to be checked carefully before serving to prevent burns. Use the power levels and times in the next table as a guide lines for reheating.

Reheating Liquids and Food

Use the power levels and times in this table as a guide lines for reheating

Food	Serving size	Power	Time (min.)
Drinks (Coffee, Tea and Water)	150 ml (1 cup)	900 W	1-1½
	300 ml (2 cups)		2-2½
	450 ml (3 cups)		3-3½
	600 ml (4 cups)		3½-4
Instructions Pour into cups and reheat uncovered: 1 cup in the centre, 2 cups opposite of each other, 3 cups in a circle. Keep in microwave oven during standing time and stir well. Serve after 1-2 minutes standing.			
Soup (Chilled)	250 g	900 W	2½-3
	350 g		3-3½
	450 g		3½-4
	550 g		4½-5
Instructions Pour into a deep microwave-safe plate or bowl. Cover with plastic lid. Stir well after reheating. Stir again before serving. Serve after 2-3 minutes standing.			

Food	Serving size	Power	Time (min.)
Stew (Chilled)	350 g	600 W	4½-5½
	Instructions Put stew in a deep microwave-safe plate. Cover with plastic lid. Stir occasionally during reheating and again before standing and serving. Serve after 2-3 minutes standing.		
Pasta with Sauce (Chilled)	350 g	600 W	3½-4½
	Instructions Put pasta (e.g. spaghetti or egg noodles) on a flat microwave-safe plate. Cover with microwave cling film. Stir before serving. Serve after 3 minutes standing.		
Filled Pasta with Sauce (Chilled)	350 g	600 W	4-5
	Instructions Put filled pasta (e.g. ravioli, tortellini) in a deep microwave-safe plate. Cover with plastic lid. Stir occasionally during reheating and again before standing and serving. Serve after 3 minutes standing.		
Plated Meal (Chilled)	350 g	600 W	4½-5
	450 g		5½-6½
Instructions Plate a meal of 2-3 chilled components on a microwave-safe dish. Cover with microwave cling-film. Serve after 3 minutes standing.			
Cheese Fondue Ready-To-Serve (Chilled)	400 g	600 W	6-7
	Instructions Put the ready-to-serve cheese fondue in a suitable sized glass bowl with lid. Stir occasionally during and after reheating. Stir well before serving. Serve after 1-2 minutes standing.		

Reheating Baby Food and Milk

Use the power levels and times in this table as guide lines for reheating.

Food	Serving size	Power	Time
Baby Food (Vegetables + Meat)	190 g	600 W	30 sec.
	Instructions Empty into ceramic deep plate. Cook covered. Stir after cooking time. Before serving, stir well and check the temperature carefully. Serve after 2-3 minutes standing.		
Baby Porridge (Grain + Milk + Fruit)	190 g	600 W	20 sec.
	Instructions Empty into microwave-safe deep plate. Cook covered. Stir after cooking time. Before serving, stir well and check the temperature carefully. Serve after 2-3 minutes standing.		
Baby Milk	100 ml	300 W	30-40 sec.
	200 ml		1 min. to 1 min. 10 sec.
Instructions Stir or shake well and pour into a sterilized glass bottle. Place into the centre of turntable. Cook uncovered. Before serving, shake well and check the temperature carefully. Serve after 2-3 minutes standing.			

DEFROSTING

Microwaves are an excellent way of defrosting frozen food. Microwaves gently defrost frozen food in a short period of time. This can be of great advantage, if unexpected guests suddenly show up.

Frozen poultry must be thoroughly thawed before cooking. Remove any metal ties and take it out of any wrapping to allow thawed liquid to drain away.

Put the frozen food on a dish without cover. Turn over half way, drain off any liquid and remove any giblets as soon as possible. Check the food occasionally to make sure that it does not feel warm.

If smaller and thinner parts of the frozen food start to warm up, they can be shield by wrapping very small strips of aluminium foil around them during defrosting.

Should poultry start to warm up on the outer surface, stop thawing and allow it to stand for 20 minutes before continuing.

Leave the fish, meat and poultry to stand in order to complete defrosting. The standing time for complete defrosting will vary depending on the quantity defrosted. Please refer to the table below.

Hint: Flat food defrosts better than thick and smaller quantities need less time than bigger ones. Remember this hint while freezing and defrosting food.

For defrosting of frozen food with a temperature of about -18 to -20 °C, use the following table as a guide.

Food	Serving size	Power	Time (min.)
Meat			
Minced Meat	250 g 500 g	180 W	6-7 8-13
Pork Steaks	250 g	180 W	7-8
Instructions Place the meat on turntable. Shield thinner edges with aluminium foil. Turn over after half of defrosting time! Serve after 15-30 minutes standing.			

Food	Serving size	Power	Time (min.)
Poultry			
Chicken Pieces	500 g (2 pcs)	180 W	14-15
Whole Chicken	1200 g	180 W	32-34
Instructions First, put chicken pieces first skin-side down, whole chicken first breast-side-down on a flat ceramic plate. Shield the thinner parts like wings and ends with aluminium foil. Turn over after half of defrosting time! Serve after 15-60 minutes standing.			
Fish			
Fish Fillets	200 g	180 W	6-7
Whole Fish	400 g	180 W	11-13
Instructions Put frozen fish in the middle of a flat ceramic plate. Arrange the thinner parts under the thicker parts. Shield narrow ends of fillets and tail of whole fish with aluminium foil. Turn over after half of defrosting time! Serve after 10-25 minutes standing.			
Fruits			
Berries	300 g	180 W	6-7
Instructions Spread fruit on a flat, round glass dish (with a large diameter). Serve after 5-10 minutes standing.			
Bread			
Bread Rolls (Each ca. 50 g)	2 pcs 4 pcs	180 W	1-1½ 2½-3
Toast/Sandwich	250 g	180 W	4-4½
Instructions Arrange rolls in a circle or bread horizontally on kitchen paper in the middle of turntable. Turn over after half of defrosting time! Serve after 5-20 minutes standing.			

GRILL

The grill-heating element is located underneath the ceiling of the cavity. It operates while the door is closed and the turntable is rotating. The turntable's rotation makes the food brown more evenly. Preheating the grill for 3-5 minutes will make the food brown more quickly.

Cookware for grilling:

Should be flameproof and may include metal. Do not use any type of plastic cookware, as it can melt.

Food suitable for grilling:

Chops, sausages, steaks, hamburgers, bacon and gammon rashers, thin fish portions, sandwiches and all kinds of toast with toppings.

Important remark:

Whenever the grill only mode is used, please remember that food must be placed on the high rack, unless another instruction is recommended.

MICROWAVE + GRILL

This cooking mode combines the radiant heat that is coming from the grill with the speed of microwave cooking. It operates only while the door is closed and the turntable is rotating. Due to the rotation of the turntable, the food browns evenly. Three combination modes are available with this model: 600 W + Grill, 450 W + Grill and 300 W + Grill.

Cookware for cooking with microwave + grill

Please use cookware that microwaves can pass through. Cookware should be flameproof. Do not use metal cookware with combination mode. Do not use any type of plastic cookware, as it can melt.

Food suitable for microwave + grill cooking:

Food suitable for combination mode cooking include all kinds of cooked food which need reheating and browning (e.g. baked pasta), as well as foods which require a short cooking time to brown the top of the food. Also, this mode can be used for thick food portions that benefit from a browned and crispy top (e.g. chicken pieces, turning them over half way through cooking). Please refer to the grill table for further details.

Important remark:

Whenever the combination mode (microwave + grill) is used, the food should be placed on the high rack, unless another instruction is recommended. Please refer to the instructions in the following chart.

The food must be turned over, if it is to be browned on both sides.

Grill Guide for Fresh Food

Preheat the grill with the grill-function for 2-3 minutes.

Use the power levels and times in this table as guide lines for grilling.

Use oven gloves when taking out.

Fresh food	Serving size	Power	1 step (min.)	2 step (min.)
Toast Slices	4 pcs (each 25 g)	Grill only	3-4	2-3
	Instructions Put toast slices side by side on the high rack.			
Grilled Tomatoes	400 g (2 pcs)	300 W + Grill	5-6	-
	Instructions Cut tomatoes into halves. Put some cheese on top. Arrange in a circle in a flat glass pyrex dish. Place it on the high rack. Stand for 2-3 minutes.			
Tomato-Cheese Toast	4 pcs (300 g)	300 W + Grill	4-5	-
	Instructions Toast the bread slices first. Put the toast with topping on the high rack. Stand for 2-3 minutes.			
Toast Hawaii (Ham, Pineapple, Cheese slices)	4 pcs (500 g)	300 W + Grill	5-6	-
	Instructions Toast the bread slices first. Put the toast with topping on the high rack. Stand for 2-3 minutes.			
Baked Potatoes	500 g	600 W + Grill	7-8	-
	Instructions Cut potatoes into halves. Put them in a circle on the high rack with the cut side to the grill.			
Gratin Potatoes/Vegetables (Chilled)	450 g	450 W + Grill	9-11	-
	Instructions Put the fresh gratin into a small glass pyrex dish. Put the dish on the high rack. After cooking stand for 2-3 minutes.			

Fresh food	Serving size	Power	1 step (min.)	2 step (min.)
Baked Apples	2 apples (ca. 400 g)	300 W + Grill	7-8	-
	Instructions Core the apples and fill them with raisins and jam. Put some almond slices on top. Put apples on a flat glass pyrex dish. Place the dish directly on the low rack.			
Chicken Pieces	500 g (2 pcs)	300 W + Grill	8-10	6-8
	Instructions Brush chicken pieces with oil and spices. Put them in a circle on the high rack. After grilling stand for 2-3 minutes.			
Roast Chicken	1200 g	450 W + Grill	18-19	17
	Instructions Brush the chicken oil and spices. Put the chicken on the low rack. After grilling stand for 5 minutes.			
Roast Fish	400-500 g	300 W + Grill	5-7	5½-6½
	Instructions Brush skin of whole fish with oil and add herbs and spices. Put two fishes side by side (head to tail) on the high rack. After grilling stand for 2-3 minutes.			
Plantain	1 ea (200 g)	450 W + Grill	8½-9	-
	Instructions Peel and slice plantain 1 cm thick. Put on the crusty plate with high rack. Brush all sides with oil. If plantain becomes soft, reduce time 1-2 minute soft type. Stand for 1-2 minutes.			
Yam	200 g	600 W + Grill	9-9½	-
	Instructions Peel and slice yam 1.5 cm thick and put on the crusty plate and brush all sides with oil. Put it on the high rack and cook. Stand for 1-2 minutes.			

CONVECTION

Cooking with convection is the traditional and well known method of cooking food in a traditional oven with hot air.

The heating element and the fan position is at the back-wall, so that the hot air is circulating. This mode is supported by the top heating element.

Cookware for convection cooking:

All conventional ovenproof cookware, baking tins and sheets – anything you would normally use in a traditional convection oven – can be used.

Food suitable for convection cooking:

All biscuits, individual scones, rolls and cakes should be made by this mode as well as rich fruit cakes, choux pastry and soufflés.

MICROWAVE + CONVECTION

This mode combines the microwave energy with the hot air and is therefore reducing the cooking time while giving the food a brown and crispy surface.

Cooking with convection is the traditional and well known method of cooking food in an oven with hot air circulated by a fan on the back-wall.

Cookware for cooking with microwaves + convection:

Should be able to let the microwaves pass through. Should be ovenproof (like glass, pottery or china without metal trims); similar to the cookware described under Microwave + Grill.

Food suitable for Microwave + Convection cooking:

All kinds of meats and poultry as well as casseroles and gratin dishes, sponge cakes and light fruit cakes, pies and crumbles, roast vegetables, scones and breads.

Convection Guide for fresh and frozen food

Preheat the convection with the auto pre-heat function to the desired temperature. Use the power levels and times in this table as guide lines for convection cooking. Use oven gloves when taking out.



Fresh food	Serving size	Power	1 step (min.)	2 step (min.)
PIZZA Frozen Pizza (Ready baked)	300 g	1 step 300 W + 200 °C 2 step Grill	11-12	2-3
	Instructions Place the pizza on the low rack. After baking stand for 2-3 minutes.			
PASTA Frozen Lasagne	400 g	1 step 450 W + 200 °C 2 step Conv. 200 °C	15-16	5-6
	Instructions Put into a suitable sized glass pyrex dish or leave in the original packaging (take care that this is suitable for microwaves and oven heat). Put frozen pasta gratin on the low rack. After cooking stand for 2-3 minutes.			
MEAT Roast Beef/ Roast Lamb (Medium)	1200-1300 g	600 W + 180 °C	20-23	10-13
	Instructions Brush beef/ lamb with oil and spice it with pepper, salt and paprika. Put it on the low rack, first with the fat side down. After cooking wrap in aluminium foil and stand for 10-15 minutes.			
	Roast Chicken	1000-1100 g	450 W + 200 °C	20-22
Instructions Brush chicken with oil and spices. Put chicken first breast side down, second side breast side up on the low rack. Stand for 5 minutes.				

Fresh food	Serving size	Power	1 step (min.)	2 step (min.)
BREAD Fresh Bread Rolls	6 pcs (350 g)	100 W + 180 °C	8-10	-
	Instructions Put bread rolls in a circle on the low rack. Stand for 2-3 minutes.			
	Garlic Bread (Chilled, Prebaked)	200 g (1 pc)	180 W + 200 °C	8-10
Instructions Put the chilled baguette on baking paper on the low rack. After baking stand for 2-3 minutes.				
CAKE Marble Cake (Fresh Dough)	500 g	Only 180 °C	38-43	-
	Instructions Put the fresh dough in a small rectangular black metal baking dish (length 25 cm). Put the cake on the low rack. After baking stand for 5-10 minutes.			
Small Cakes (Fresh Dough)	10 x 28 g	Only 160 °C	26-28	-
Instructions Fill the fresh dough evenly in paper cups and set on baking tray on the low rack. After baking stand for 5 minutes.				
Cookies (Fresh Dough)	200-250 g	Only 200 °C	15-20	-
Instructions Put the chilled croissants on baking paper on the low rack.				
Frozen Cake	1000 g	180 W + 180 °C	18-20	-
Instructions Put the frozen cake directly on the low rack. After defrost and warming stand for 15-20 minutes.				

Troubleshooting and error code

TROUBLESHOOTING

If you have any of the problems listed below try the solutions given.

This is normal.

- Condensation inside the oven.
- Air flow around the door and outer casing.
- Light reflection around the door and outer casing.
- Steam escaping from around the door or vents.

The oven does not start when you press the Start button.

- Is the door completely closed?

The food is not cooked at all.

- Have you set the timer correctly and/or pressed the Start button?
- Is the door closed?
- Have you overloaded the electric circuit and caused a fuse to blow or a breaker to be triggered?

The food is either overcooked or undercooked.

- Was the appropriate cooking length set for the type of food?
- Was an appropriate power level chosen?

The light bulb is not working.

- The Light bulb should not be replaced in person for safety reasons. Please contact nearest authorised Samsung customer care centre to arrange for a qualified engineer to replace the bulb.

The oven causes interference with radios or televisions.

- Slight interference may be observed on televisions or radios when the oven is operating. This is normal. To solve this problem, install the oven away from televisions, radios and aerials.
- If interference is detected by the oven's microprocessor, the display may be reset. To solve this problem, disconnect the power plug and reconnect it. Reset the time.

Sparking and cracking occur inside the oven (arcing).

- Have you used a dish with metal trimmings?
- Have you left a fork or other metal utensil inside the oven?
- Is aluminum foil too close to the inside walls?

Smoke and bad smell when initial operating.

- It's a temporary condition by new component heating. Smoke and smell will disappear completely after 10 minutes operation. To remove smell more quickly, please operate microwave oven with putting lemon formation or lemon juice in the cabinet.

If the above guidelines do not enable you to solve the problem, then contact your local SAMSUNG customer service centre. Please have the following information read;

- The model and serial numbers, normally printed on the rear of the oven
- Your warranty details
- A clear description of the problem

Then contact your local dealer or SAMSUNG aftersales service.

ERROR CODE

“SE” message indicates.

- Clean the keys and check if there is water on the surface around key. Turn off the microwave oven and try setting again. If it occurs again, call your local SAMSUNG Customer Care Centre.

“E-24” message indicates.

- Before the microwave can overheat, the “E-24” message appears on the display. If the “E-24” message appears, press the Stop/Eco key to utilize the initialization mode. After the oven cools, try operating the oven. If the “E-24” message appears again, contact your local Samsung Customer Care Centre.

For any codes not listed above, or if the suggested solution does not solve the problem, contact your local SAMSUNG Customer Care Centre.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

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