



Dear customer,

You have decided to purchase a new microwave oven from Neff. We would like to thank you for your confidence in us and we hope that you will have many years of enjoyment and cooking pleasure with your new appliance at the heart of your kitchen.

Please read the instruction manual to ensure that you make full use of all the technical benefits your microwave oven has to offer.

The detailed table of contents guides you quickly to all the important information:

- It will provide you with important safety information.
- You will be familiarised with the individual components of your new appliance.
- And we will show you how to make settings step by step.
- The tables list numerous well-known dishes and typical settings. All these dishes are tested in our cooking studio.
- In the unlikely event of a malfunction, look here for information on how to rectify minor faults yourself.

Have fun cooking.

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Safety information

Read this instruction manual carefully. Only then will you really be able to operate your appliance safely and correctly.

Please keep the instruction and installation manuals in a safe place. Please include these manuals if you pass on the appliance to a new owner.

Before installation

Damage during transport

Check the appliance for damage after unpacking it. Do not connect the appliance if it has been damaged during transportation.

Transporting the appliance

Do not carry or hold the appliance by the door handle. The door handle cannot support the weight of the appliance and could break off.

Electrical connection

Only a licensed expert may connect the appliance. Warranty claims for damage caused by incorrect connection will not be accepted.

Installation and connection

Please observe the special installation instructions.

Information for your safety

This appliance is intended for domestic use only. This appliance must only be used for preparing food and drink.

Adults and children must not operate the appliance without supervision,

- if they are physically or mentally incapable of doing so or
- if they lack the knowledge and experience to operate it correctly and safely.

Never let children play with the appliance.

Hot cooking compartment

There is a risk of burns.

Never touch the hot surfaces of heating and cooking appliances. Never touch the internal surfaces of the cooking compartment or the heating elements. Open the cooking compartment door carefully. Hot steam may escape. Small children must be kept at a safe distance from the appliance at all times.

There is a risk of fire.

Never store combustible items in the cooking compartment.

Never open the cooking compartment door if smoke can be seen in the appliance. Switch off the appliance. Pull out the mains plug or switch off the fuse in the fuse box.

There is a risk of a short-circuit.

Never trap cables of electrical appliances in the cooking compartment door when it is hot. The cable insulation could melt.

There is a risk of burns.

Never prepare food containing large quantities of drinks with a high alcohol content. Alcoholic vapours can catch fire in the cooking compartment. Use only small quantities of drinks with a high alcohol content and open the cooking compartment door carefully.

Hot accessories

There is a risk of burns.

Always use an oven cloth or oven gloves to remove hot accessories from the appliance.

Damaged cooking compartment door or door seal

There is a risk of serious damage to health.

Never use the appliance if the cooking compartment door or the door seal is damaged. Otherwise microwave energy may escape. Only use the appliance again once it has been repaired.

Heavily corroded surfaces

There is a risk of serious damage to health.

The surface of the appliance could rust through over time if it is not cleaned properly. Microwave energy may escape. Clean the appliance on a regular basis.

Casing open

There is a risk of electric shock.
Never remove the casing. The appliance is a high-voltage appliance.

There is a risk of serious damage to health.
Never remove the casing. It prevents microwave energy from escaping.

Hot or humid environment

There is a risk of short-circuiting.
Never expose the appliance to intense heat or humidity.

Incorrect repairs

There is a risk of electric shock.
Incorrect repairs are dangerous. Repairs may only be carried out, and damaged power cables replaced, by one of our experienced after-sales engineers.

You must not open the casing. The appliance is a high-voltage appliance. The casing prevents microwave energy from escaping.

If the appliance is faulty, switch off the circuit breaker in the fuse box or disconnect the appliance at the mains. Call the after-sales service.

Information on the microwave

Preparing food

There is a risk of fire.
Only use the microwave to prepare food which is fit for consumption. Using the microwave for other purposes may be dangerous and may result in damage,
e.g. heated slippers and grain or cereal pillows could catch fire, even several hours later.

Ovenware

There is a risk of injury.
Porcelain or ceramic ovenware can have small perforations in the handles or lids. These perforations conceal a cavity below. Moisture that has penetrated this cavity could cause the ovenware to crack.

Only use ovenware that is suitable for use in a microwave.

There is a risk of burns.
Hot food can heat up ovenware. Always use an oven cloth or oven gloves to remove ovenware and accessories from the cooking compartment.

Microwave power and time

There is a risk of fire.
Do not select a microwave power or time setting that is higher than necessary. The food could catch fire and cause damage to the appliance. Follow the information provided in this instruction manual.

Packaging

There is a risk of fire.
Never heat food in heat-retaining packages.

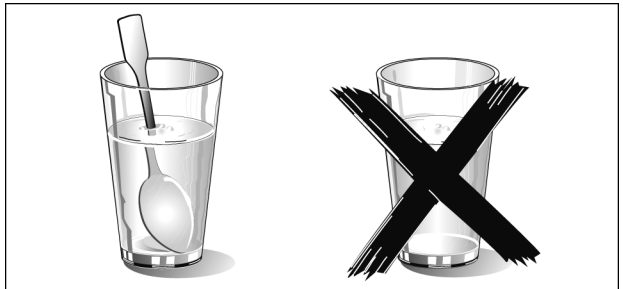
Do not leave food heating unattended in containers made of plastic, paper or other combustible materials.

There is a risk of burns.
Airtight packaging may burst when food is heated. Follow the information provided on the packaging. Always use an oven cloth or oven gloves to remove meals.

Drinks

There is a risk of scalding
There is a possibility of delayed boiling when a liquid is heated. This means that the liquid reaches boiling temperature without the usual steam bubbles rising to the surface. If the container is only shaken a little, the hot liquid can suddenly boil over and spatter.

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



There is a risk of explosion.
Never heat drinks or other food in containers that have been tightly sealed.

Never overheat alcoholic drinks.

Baby food

There is a risk of burns.

Never heat baby food in closed containers. Always remove the lid or teat.

Stir or shake well after the food has been heated. This ensures even heat distribution.

Check the temperature of the food before it is given to the child.

Foods with a shell or skin

There is a risk of burns.

Never cook eggs in their shells. Never reheat hard-boiled eggs as they can explode even after microwave operation has ended. The same applies to shellfish and crustaceans.

Always prick the yoke when baking or poaching eggs.

Always prick the skin of foodstuffs with solid peels or skins such as apples, tomatoes, potatoes and sausages before cooking to prevent the peel or skin from bursting.

Drying food

There is a risk of fire.

Never use the microwave to dry food.

Food with a low water content

There is a risk of fire.

Never defrost or heat food with a low water content, e.g. bread, at too high a power or for too long.

Cooking oil

There is a risk of fire.

Never use the microwave to heat cooking oil on its own.

Causes of damage

Water in the hot cooking compartment

Never pour water into the hot cooking compartment. This will cause steam. The temperature change can cause damage to the ceramic floor panel.

Fruit juice

When baking very moist fruit flan, do not put too much on the baking tray. Fruit juice dripping from the baking tray leaves stains that cannot be removed.

Technical fault	Never use the enamel baking tray when cooking with microwave operation. It will result in a technical fault.
Cooling with the appliance door open	Only leave the cooking compartment to cool with the door closed. Do not trap anything in the appliance door. Even if the door is only open slightly, the fronts of adjacent units may be damaged over time.
Heavily soiled seal	If the seal is very dirty, the appliance door will no longer close properly during operation. The fronts of adjacent units could be damaged. Always keep the seal clean.
Using the appliance door for standing on or placing objects on	Do not stand or place anything on the open appliance door. Do not place ovenware or accessories on the appliance door.
Operating the microwave without food	Do not switch on the microwave unless there is food in the cooking compartment. The appliance may be overloaded if it is switched on without any food inside. An exception to this rule is for brief testing of ovenware (<i>see notes on ovenware</i>).
Moist food	Do not store moist food in the closed cooking compartment for long periods. This will damage the enamel.

Environmentally-friendly disposal



Dispose of packaging in an environmentally-friendly manner.

This appliance is labelled in accordance with European Directive 2002/96/EU on Waste Electrical and Electronic Equipment - WEEE.

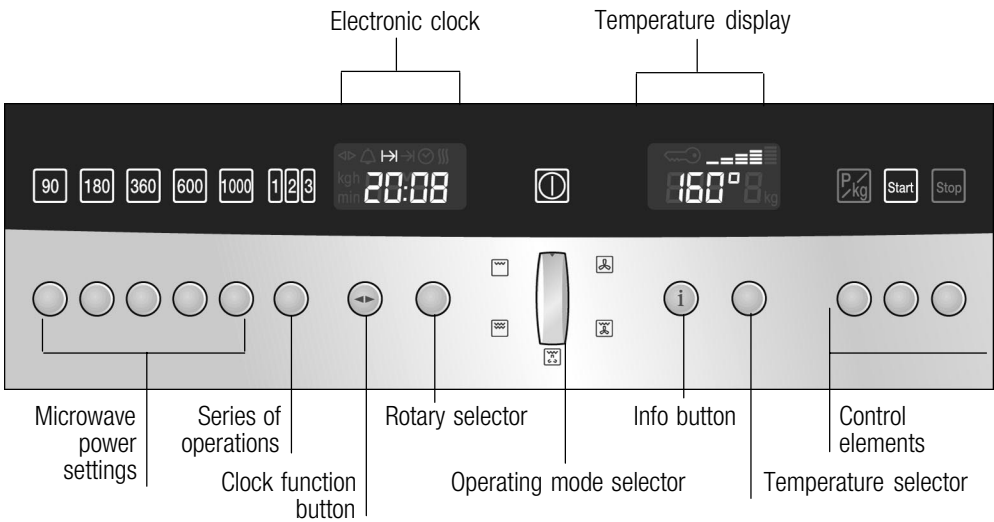
The directive gives a framework for the collection and recycling of old appliances, which is valid across the EU.

Your new appliance

In this section, you will find information on


- the control panel
- the operating modes
- the shelf heights
- the accessories

Control panel








Mode selector

The mode selector can be pushed in and popped out. Press the selector to release or lock it.

The microwave only functions if you press the selector. The  symbol lights up.

Operating modes

Here is an overview of the operating modes of your appliance.

Operating modes	Application
 Hot air	For baking sponge cakes in tins, flans and cheesecakes and cakes, pizzas and small baked products on a baking tray.
 Convection grilling	For poultry and larger pieces of meat.
 Hot air grilling	For cooking pieces of meat.
 Full-surface grill	For large amounts of flat, small items for grilling (e.g. steaks, sausage).
 Centre area grill	For small amounts of flat, small items for grilling (e.g. steaks, bread).

Shelf positions

The accessories can be inserted into the cooking compartment at 4 different levels.

Ovenware can also be placed on the oven floor (level 0).



Accessories

Your appliance is equipped with the following accessories:



Wire rack

For ovenware, cake tins, grilling and frozen meals.

You can pull the wire rack two thirds of the way out without it tipping. This allows meals to be removed easily.



Enamel baking tray

For cakes and biscuits.

Push the baking tray as far as possible into the oven, with the tapered edge facing towards the appliance door.

Caution

The enamel baking tray is not suitable for combined operation with the microwave.



Microwave baking rack

For baking with metal baking tins with combined operation.

Place the microwave baking rack on the wire rack. Place the metal baking tray on the rack. This prevents sparks being created between the wire rack and the baking tin.

Cooking compartment

Cooling fan

Your appliance has a cooling fan.
The cooling fan switches on during operation.
The warm air escapes above the door.

Caution: do not cover the ventilation slots, otherwise the oven will overheat.

The cooling fan continues to run for a certain time after operation.

Notes


The appliance remains cool during microwave operation. The cooling fan will still switch on. The fan may run on even when microwave operation has ended.



Condensation may appear on the door window, interior walls and floor. This is normal and does not adversely affect microwave operation. Wipe away the condensation after cooking.

Switching the appliance on and off

Switching on

Use the operating mode selector to switch your microwave oven on and off.

Press the selector and select a function.
The  symbol lights up.

- Button 90, 180, 360, 600 or 1,000 W for the microwave power
-  button = series of operations
- Set an operating mode and temperature
-  button = automatic programmes

You can find out how to make the settings in the individual sections.

Switching off

Turn the operating mode selector back and push in. The appliance switches off and the time appears in the clock display.

Before using the appliance for the first time

This section contains information on

- how to set the time on your appliance after the power is connected
- how to clean your appliance before using it for the first time

Setting the clock

0:00 and the ◀▶⌚ symbols light up in the display.



1. Set the current time using the rotary selector.
2. Press the ◀▶ clock function button.

Your setting is then applied.


Changing the clock

To change the clock subsequently, press the ◀▶ clock function button repeatedly until the ◀▶ and ⌚ symbols light up. Use the rotary selector to change the time.



Note

In order to reduce the energy consumption of your appliance in standby, you can switch off the clock display. Refer to the section entitled *Electronic clock*.

Heating up the cooking compartment

Heat up the empty cooking compartment with the door closed to remove the new smell. Set to  hot air and 240 °C.

Ensure that no packaging has been left in the cooking compartment.

1. Use the operating mode selector to select  hot air.
2. Use the temperature selector to set the temperature to 240 °C.
3. Press the  button.

After 60 minutes, switch off the appliance with the operating mode selector.
The current time is displayed.

Clean the cooled cooking compartment with hot soapy water.

Cleaning the accessories before use






Before using the accessories, clean them thoroughly using a cloth and soapy water.

Using the appliance


In this section, you will read about,

- which operating modes are available for your oven
- how to select an operating mode and temperature
- how to set rapid heating

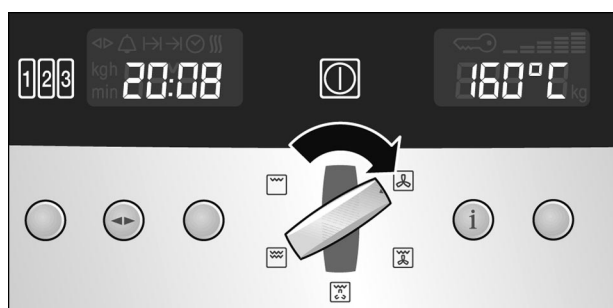
The following operating modes are available for your oven. When you make a setting, a default temperature is always displayed.

Operating mode	Default temperature in °C, grill setting	Temperature range in °C, grill setting
 Hot air	160	40 - 250
 Convection grilling	160	100 - 250
 Hot air grilling	160	100 - 250
 Grill, large area	3	2, 1
 Grill, small area	-	-

Setting the operating mode and temperature


Example in figure: hot air , 190 °C.

1. Set the operating mode using the mode selector.



2. Set the temperature or grill setting using the temperature selector.




3. Press the  button.
The operation starts. The temperature control heating-up bars appear in the temperature display.



Switching off

Once the dish is ready, switch off the oven using the mode selector, or make new settings.


Opening the oven door during operation

Operation is paused. Press the  button after closing the door. The operation continues.

Pausing operation

Press the  button to pause the operation. Press the  button again to resume the operation.

Changing the temperature or grill setting

This can be done at any time. Use the rotary selector to change the temperature or grill setting. Then press the  button to resume operation.

Cancelling the operation

Press the  button and switch off the mode selector.




Note

If you also set a cooking time, the set operation will automatically switch off after this time. See the section entitled *Electronic clock*.

Setting rapid heating

Suitable operating mode

Rapid heating is not suitable for all operating modes.

-  Hot air
-  Convection grilling
-  Hot air grilling


Suitable temperatures

The rapid heating function will not work if the set temperature is below 100 °C.

If the temperature in the cooking compartment is only slightly below the set temperature, the rapid heating function is not necessary, and therefore does not switch on.

Setting rapid heating

Prerequisite: an operating mode and temperature must be set.

1. Set the operating mode and temperature.
2. Press the  button.

The appliance heats up.

3. Press the clock function button repeatedly until the ◀▶ and ||| symbols light up and 0FF appears in the clock display.
4. Turn the rotary selector clockwise.
0n appears in the clock display and the ||| symbol lights up. Rapid heating is switched on.

To obtain an even cooking result, do not place your dish into the oven until rapid heating has finished.

Rapid heating has finished

Rapid heating switches off once the set temperature has been reached. The ||| symbol goes out. Put your dish in the oven.

Cancelling rapid heating

Press the clock function button repeatedly until 0n appears in the clock display.
Turn the rotary selector anti-clockwise until 0FF appears in the clock display.
The ||| symbol appears in the clock display.

Notes

If you change an operating mode, rapid heating is cancelled.

Once started, a set cooking time begins to count down immediately, independently of rapid heating.

The microwave

Microwaves are converted to heat in foodstuffs. The microwave can be used solo, i.e. on its own, or in combination with a different type of heating.

In this section, you will find

- information about cookware
- how to set the microwave

Note

In the *Tested for you in our cooking studio* section, you will find examples for defrosting, heating and cooking with the microwave oven.

Notes regarding ovenware

Suitable ovenware

Suitable dishes are heat-resistant ovenware made of glass, glass ceramic, porcelain, ceramic or heat-resistant plastic. These materials allow microwaves to pass through.

You can also use serving dishes. This saves you having to transfer food from one dish to another. You should only use ovenware with decorative gold or silver trim if the manufacturer guarantees that they are suitable for use in microwaves.

Unsuitable ovenware

Metal ovenware is unsuitable. Metal does not allow microwaves to pass through. Food in covered metal containers will remain cold.

Caution Metal - e.g. a spoon in a glass - must be kept at least 2 cm from the oven walls and the inside of the door. Sparks could destroy the glass on the inside of the door.

Ovenware test

Do not switch 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: Heat the empty ovenware at maximum power for between 30 and 60 seconds. Check the temperature of the ovenware during this period. The ovenware should still be cold or warm to the touch. The ovenware is unsuitable if it becomes hot or sparks are generated.

Microwave power settings

Use the button to set the desired microwave power.

90 watts

for defrosting delicate foods

180 watts	for defrosting and continued cooking
360 watts	for cooking meat and heating delicate foods
600 watts	for heating and cooking food
1,000 W	for heating liquids

When you press a button, the selected power lights up.


Note

The microwave power can be set to 1,000 watts for a maximum of 30 minutes. A cooking time of 90 minutes is possible with all other power settings.

Setting the microwave

Example: Microwave power setting 600 W, cooking time 15 minutes


the mode selector must not be pressed in, but should be in the 0 position.

1. Press the button for the microwave power setting you require.
The selected power setting lights up and a suggested cooking time is displayed.
2. Set the cooking time using the rotary selector.
3. Press the  button.
The microwave begins to operate. You will see the cooking time counting down.

The cooking time has elapsed

A signal sounds. Microwave operation has finished. Switch off the appliance or make new settings. You can stop the audible signal early by pressing the ◀▶ clock function button.

Opening the appliance door during operation

Operation is paused. Press the  button after closing the door. The operation continues.

Changing the cooking time

This can be done at any time. Change the cooking time using the rotary selector.

Changing the microwave power setting

Press the button for the new microwave power setting. Use the rotary selector to set the cooking time and restart the microwave.

Cancelling operation

Press the button for the set microwave power setting. Make new settings or switch off the appliance.

Notes




When you make settings, the highest microwave power setting always appears as the default.

If you open the appliance door during cooking, the fan may continue to run.

MicroCombi operation

This involves the simultaneous operation of one operating mode with the microwave. Using the microwave makes your dishes ready more quickly, but they are still nicely browned.

In this section, you will read about

- which operating modes and microwave power are suitable
- how the MicroCombi operation is set
-  Hot air
-  Convection grilling
-  Hot air grilling


Suitable operating modes


Rapid heating cannot be activated with MicroCombi operation.

Suitable microwave power settings


All microwave power settings can be combined with an operating mode, except 1,000 watt power.

Setting a combination


Example: Microwave 360 watts, 17 minutes and hot air grilling  180 °C.

1. Set the operating mode using the mode selector.
2. Use the temperature selector to set the temperature.
3. Press the button for the microwave power setting you require.
20:00 min appears in the clock display.
4. Set the cooking time using the rotary selector.
5. Press the  button.
The operation starts. You will see the cooking time counting down.

The cooking time has elapsed

A signal sounds. MicroCombi operation has finished. To stop the signal, press the  clock function button. Switch off the appliance or make new settings.

Opening the appliance door during operation

Operation is paused. The cooling fan may continue to run. Press the  button after closing the door. The operation continues.

Changing the temperature or cooking time

This can be done at any time. Change the cooking time or temperature using the temperature selector or rotary selector.



Changing the microwave power setting

Press the button for the new microwave power setting. Use the rotary selector to set the cooking time and restart the microwave.

Cancelling the operation

Press the illuminated button for the set microwave power setting. Make new settings or switch the oven off.

Pausing operation

Briefly press the  button. Microwave operation is paused. Press the  button again to resume the operation.

1,2,3 series of operations

You can use the series of operations function to set up to three different settings and times and then start.

In this section, you can find out how to set the series of operations.

Suitable for








- all operating modes
- all microwave power settings

Ovenware


Always use heat-resistant cookware which is suitable for microwaves.

Setting a series of operations


The mode selector must not be pressed in.

1. Press the  button.
The  lights up for the first operation in the series.
2. Set the first microwave power setting and cooking time.
3. Press the  button again.
The  lights up for the second operation in the series.
4. Set the second microwave power setting and cooking time.
5. Press the  button again.
The  lights up for the third operation in the series.
6. Set the third microwave power setting and cooking time.
7. Press the  button.
The operation starts. In the clock display, the total cooking time is displayed and the currently activated operation is lit.


The cooking time has elapsed

A signal sounds. The series of operations has finished. To stop the signal, press the  clock function button. Switch off the appliance or make new settings.

Opening the appliance door during operation

Operation is paused. The cooling fan may continue to run. Press the  button again after closing the door. The operation continues.



Changing the setting

Changes can only be made before operation starts. Press the  button to go to the desired setting, and make the changes.

Cancelling the operation

Press the illuminated button for the set microwave power setting. Make new settings or switch off the appliance.

Pausing operation

Briefly press the  button. Press the  button again to resume the operation.

Note

You can also combine a type of heating with a series of operations. First set the series of operations.

Electronic clock

Your appliance has various clock functions. In this section there are explanations of

- the clock display
- how the minute minder is set
- how your appliance is automatically switched off (operating duration)
- how the clock is set or changed

Clock display



Clock function		Use
	Timer	You can use the timer as an egg timer or a kitchen timer. The appliance does not switch off automatically.
	Cooking time	The appliance switches off automatically after a set cooking time (e.g. 1:30 hours).
	Clock	Setting the clock
	Rapid heating	Shortens the preheat time



Notes

- Between **22:00** and **5:59**, the clock display is dimmed, if no settings are made or no clock functions are activated during this time.
- When the timer and cooking-time clock functions are in use, a signal sounds and the corresponding symbol flashes when the set time has expired. To stop the audible signal early, press the clock function button.
- You can call up your settings at any time. Press the clock function button repeatedly, until the corresponding symbol lights up.
- If required, you can correct the setting using the rotary selector.

Switching the clock display off and on

- If you wish to cancel a setting, turn the set time down to **0:00** and switch the appliance off.
1. Press and hold the clock function button for a few seconds.
The clock display switches off. If a function is activated, the corresponding symbol remains lit.
 2. Press and hold the clock function button for a few seconds.
The clock display switches on.

Timer

1. Press the clock function button repeatedly until the  and  symbols light up.





2. Use the rotary selector to set the cooking time (e.g. **5:00** minutes).
The setting is automatically applied.


Cooking time

Automatic switch-off after a set cooking time.

1. Set the operating mode and temperature.



2. Press the clock function button repeatedly until the  and  symbols are lit.




3. Set the cooking time using the rotary selector (e.g. **1:30** hours).
4. Press the  button.
The appliance heats up.

The appliance switches off automatically once the cooking time has elapsed.

Setting the clock

1. Press the clock function button repeatedly until the  and  symbols light up.



2. Set the current time using the rotary selector.
3. Press the  clock function button.
Your setting is then applied.

Changing the clock

For example, from summer to winter time

Make the settings as described in steps 1 and 2.

Automatic programmes


The automatic programmes enable you to prepare food very easily. You select the programme and enter the weight of your food. The automatic programme makes the optimum setting. You can select from 15 programmes.

Setting the programme

If you have selected a programme, set the oven.

Prerequisite: the mode selector must not be pressed in.

Example in figure: programme 2 with 1 kg weight.

1. Press the  button.
The first programme appears.



2. Select the desired programme using the temperature selector.





- Press the  button again.
The temperature display suggests a weight.



- Set the weight using the temperature selector.



- Press the  button.
The programme starts. You will see the cooking time  counting down in the clock display.

**The programme
has finished**

A signal sounds. The oven stops heating. 00:00 is shown in the display.
Switch off the oven or make new settings.

Changing the programme

Once the programme has started, you cannot change the programme number or weight.

Cancelling the programme

Press the  button and switch off the mode selector.

Notes for the automatic program

Remove the food from its packaging and weigh it. If you are unable to enter the exact weight, enter the closest possible weight.

Place the food in a shallow, microwaveable dish, e.g. a glass or china plate. Do not cover the dish.

Place the food in the cold oven.

You will find a table showing suitable foods, respective weight ranges and the necessary accessories attached to these notes.

It is not possible to set a weight outside of the weight range.

With lots of dishes, a signal will sound after a certain length of time. Turn the food or stir it.

Defrosting

As far as possible, freeze and store food flat and in portion-sized quantities at -18°C .

Place the frozen food on a shallow dish, e.g. a glass or porcelain plate.

After defrosting, allow the food to defrost for a further 15 to 90 minutes until it reaches room temperature.

Liquid will be produced when defrosting meat, poultry or fish. 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.

Bread should only be defrosted in the required amounts, as it quickly becomes stale.

After turning, remove any minced meat that has already defrosted.

Whole poultry should be placed in the dish breast-side down and poultry portions skin-side down.

Vegetables

Vegetables, fresh: Cut into pieces of equal size. Add one tablespoon of water for every 100 g vegetables.

Vegetables, frozen: This programme is only suitable for blanched, not pre-cooked vegetables. The programme is not suitable for frozen vegetables in cream sauce. Add 1 to 3 tablespoons of water. Do not add water to spinach or red cabbage.

Boiled potatoes

Cut into equal sized pieces. Add a little salt and a tablespoon of water for every 100 g of potatoes.

Rice	Do not use boil-in-the-bag rice. Add two to two and a half times the amount of water to the rice.
Fish	Fish fillet, fresh Add 1 to 3 tablespoons of water or lemon juice.
Meat	The joint should cover two thirds of the dish base. Add 50 - 100 ml of liquid.
Poultry	Place the chicken in the dish breast-side down. Place chicken pieces in the dish flesh-side down.
Pizza, frozen	Use prebaked, frozen pizza and pizza baguettes.
Resting times	Some dishes need to rest in the oven after the programme has ended.

Dish	Resting time
Vegetables	approx. 5 minutes
Potatoes	approx. 5 minutes. First pour off the remaining water.
Rice	5 to 10 minutes
Pork joint, meat loaf	10 minutes

Programme table

Progr. no.		Suitable foodstuffs	Weight range in kg	Ovenware / accessories, shelf height
Defrosting				
1	Loaf of bread*	Wheat bread, mixed wheat bread, wholemeal bread	0.20 - 1.50	Shallow ovenware without a lid Cooking compartment floor
2	Minced meat*	Minced meat made from beef, lamb, or pork	0.20 - 1.00	Shallow ovenware without a lid Cooking compartment floor

Progr. no.		Suitable foodstuffs	Weight range in kg	Ovenware / accessories, shelf height
3	Whole poultry*	Chicken, duck	0.60 - 2.00	Shallow ovenware without a lid Cooking compartment floor
4	Fish fillet*	Fillet of pike, cod, rosefish, pollock, pike-perch	0.20 - 1.00	Shallow ovenware without a lid Cooking compartment floor
* Observe the turning signals.				
Cooking				
5	Vegetables, fresh*	Cauliflower, broccoli, carrots, kohlrabi, leeks, peppers, courgettes	0.20 - 1.00	Ovenware with lid Cooking compartment floor
6	Vegetables, frozen*	Cauliflower, broccoli, carrots, kohlrabi, red cabbage, spinach	0.20 - 1.00	Ovenware with lid Cooking compartment floor
7	Boiled potatoes*	Waxy potatoes, fairly waxy potatoes, floury potatoes	0.20 - 1.00	Ovenware with lid Cooking compartment floor
8	Rice, long grain rice*		0.10 - 0.50	Deep ovenware with lid Cooking compartment floor
9	Steam fresh fish fillet	Fillet of pike, cod, rosefish, pollock, pike-perch	0.20 - 1.00	Ovenware with lid Cooking compartment floor
* Observe the stirring signals.				
Combi cooking				
10	Pizza, frozen	Pizza with thin base, prebaked	0.15 - 0.55	Wire rack Level 3
11	Lasagne bolognese, frozen		0.40 - 1.00	Ovenware without a lid Cooking compartment floor
12	Chicken, fresh*	Whole chicken	0.80 - 1.80	Ovenware with lid Cooking compartment floor
13	Chicken portions, fresh	Chicken thigh, half chicken	0.40 - 1.60	Ovenware with lid Cooking compartment floor
14	Meat loaf	Approx. 8 cm in height	0.80 - 1.50	Ovenware without a lid Cooking compartment floor
15	Roast pork, fresh*	Boned neck joint, rolled joint	0.80 - 2.00	Ovenware with lid Cooking compartment floor
* Observe the turning signals.				

Childproof lock

The appliance has a childproof lock to prevent children switching it on accidentally.

In this section, you will read about

- How to lock and unlock your appliance

Locking the appliance

1. Press the mode selector.
Your appliance is ready for use.
2. Press and hold the **i** button.
⌂ 11 appears in the clock display.
3. Turn the temperature selector clockwise.
⌂ 12 appears in the clock display.
4. Press and hold the **i** button until the **⌂** symbol lights up.

Unlocking the appliance

1. Press the mode selector.
Your appliance is ready for use.
2. Press and hold the **i** button.
⌂ 12 appears in the clock display.
3. Turn the temperature selector until **⌂ 11** appears.
4. Press and hold the **i** button. The **⌂** symbol goes out.

Changing the basic settings

Your appliance has various basic settings that have been pre-set by the manufacturer. However, you can change these basic settings as required.

Basic settings

The table lists all of the basic settings and the options for making changes.

Basic setting	Options	Explanation
c 1 Childproof lock <i>1</i> = off	2 = on	Activates the childproof lock automatically
c 2 Signal duration 2 = medium = 2 minutes	<i>1</i> = short = 10 seconds 3 = long = 5 minutes	Signal after the cooking time has elapsed
c 3 Signal volume 2 = medium	<i>1</i> = low 3 = high	Volume of the signal
c 4 Button tone: <i>1</i> = on	Button tone: 2 = off	Confirmation tone when a button is pressed

Press the mode selector.

Your appliance is ready for use.

1. Press and hold the **i** button for several seconds.
The first basic setting appears in the clock display.
2. Press the **i** button repeatedly until the required basic setting appears in the display.
3. Use the temperature selector to make the desired setting.
4. Finally, press and hold the **i** button for a few seconds.

All settings are applied.

You may change the settings at any time.

Care and cleaning

If carefully cleaned and taken care of, your microwave oven will remain fully functional and in a good condition for a long time to come. This section explains how to properly care for and clean your appliance.



Danger of short-circuiting.

Never use high-pressure cleaners or steam jets.



Risk of burning.

Do not clean the appliance immediately after switching it off. Allow the appliance to cool down.

Notes

Slight differences in the colours on the front of the appliance are caused by the use of different materials, such as glass, plastic and metal.

Shadows on the door panel which look like streaks are light reflections from the oven light.

Unpleasant smells, e.g. after preparing fish, can be removed quite easily. Add a few drops of lemon juice to a cup of water. Place a spoon in the container to prevent delayed boiling. Heat the water for 1 to 2 minutes at the maximum microwave power setting.

Cleaning agents

Surfaces are different and damage caused by using the wrong cleaning agent can be avoided by observing the information in the table below.

Do not use:

- any caustic or abrasive cleaning agents
- metal or glass scrapers to clean the glass in the appliance door.
- metal or glass scrapers to clean the door seal.
- any coarse scouring pads or cleaning sponges

Rinse out new sponge cloths thoroughly before use.

Area

Cleaning agents

Appliance front

Hot soapy water:

Clean using a dish cloth and then dry with a soft cloth.

Do not use metal or glass scrapers for cleaning.

Area	Cleaning agents
Stainless steel	Hot soapy water: Clean using a dish cloth and then dry with a soft cloth. Remove any flecks of limescale, grease, starch and egg white immediately. Corrosion can form under such marks. Special stainless steel cleaning agents can be obtained from the after-sales service or from specialist retailers.
Cooking compartment	Hot soapy water or a vinegar solution: Clean using a dish cloth and then dry with a soft cloth. For heavy soiling: Only use oven cleaner in a cold oven.
Cooking compartment made of stainless steel	Do not use oven spray or other aggressive oven cleaners or abrasive materials. Scouring pads, rough sponges and pan cleaners are also unsuitable. These agents scratch the surface. Allow the interior surfaces to dry thoroughly.
Glass cover for the cooking compartment light	Hot soapy water: Clean with a dish cloth.
Door panels	Glass cleaner: Clean with a dish cloth. Do not use glass scrapers.
Door seal Do not remove.	Hot soapy water: Clean with a dish cloth; do not scrub. Do not use metal or glass scrapers for cleaning.
Accessories	Hot soapy water: Soak and then clean with a dish cloth or a brush.

For easier cleaning

you can switch on the oven light. Open the appliance door to do so.

Cleaning the glass cover

The glass oven-light cover is located on the left side wall inside the oven. Undo the screw from the cover. Then you can clean the glass with soapy water.

Self-cleaning surface in the cooking compartment

The rear wall of the oven is coated with self-cleaning enamel. It cleans itself while the oven is in operation. Sometimes, larger splashes of food may not disappear until the oven has been operated several

times. Residue left by spices and similar ingredients can be removed with a dry cloth or a soft brush.

Important notes

Never treat the self-cleaning surface with oven cleaner.

If oven cleaner is accidentally applied to the rear panel, remove it immediately with a sponge and plenty of water.

Never use abrasive cleaning agents. They will scratch or destroy the highly porous coating.

Never clean the self-cleaning surface with a scouring pad.

Light discolouration of the enamel does not affect self-cleaning.

Use a dish cloth and hot soapy water or a vinegar solution.

It is best to use oven cleaner if there are very heavy deposits of dirt. Only use oven cleaner in a cold oven.

Cleaning the cooking compartment floor, ceiling and side walls

Faults and repairs

It is not always necessary to call the after-sales service. In some cases, you can take remedial action yourself. You will find some tips for troubleshooting in the following table.









Risk of electric shock.

- Work on the appliance electronics must only be carried out by an expert
- During work on the appliance electronics, the power supply to the appliance must be disconnected. Switch off the circuit breaker or take out the fuse in your household fuse box

Malfunction table

If one of your dishes does not turn out as you had hoped, please refer to the *Tested for you in our cooking studio* section. You will find many cooking tips and tricks there.

Problem	Possible cause	Remedial action/notes
The appliance does not work.	The plug is not plugged into the mains.	Plug it in.
	Power cut	Check whether the kitchen light switches on.
	Blown fuse	Look in the fuse box to make sure that the fuse for the appliance is OK.
	Operating error	Switch off the circuit breaker in the fuse box. After approx. 10 seconds switch it on again.
Three zeros are flashing in the display.	Power cut	Reset the time.
The appliance is not in operation. A cooking time appears in the display.	The  button was not pressed after the setting had been made.	Press the  button or switch the appliance off.
The microwave does not switch on.	The door is not properly closed.	Check whether leftover food or a foreign object is trapped in the door.
	The  button was not pressed.	Press the  button.
It takes longer than before for the food to heat up.	The microwave power setting is too low.	Select a higher microwave power setting.
	You have placed a larger amount of food than normal in the appliance.	Double the amount = almost double the cooking time.
A signal sounds. The two dots in the display are flashing.	The appliance is in demonstration mode.	1. Press the  button. 2. Press and hold the  button for 3 seconds. The demonstration mode is deactivated.

Problem	Possible cause	Remedial action/notes
Error message "Er1" or "Er4" appears in the display.	The temperature sensor has failed.	Call the after-sales service.
Error message "Er11" appears in the display. "Button is jammed"	The buttons are dirty or the mechanics have jammed.	Press all buttons several times, and if this does not help, contact the after-sales service.
Error message "Er19" appears in the display.	There is extreme overheating (possibly a fire inside). Microwave power setting too high.	Do not open the door. Disconnect from the mains or switch off the fuse in the fuse box and allow to cool down.
Error message "Er17", "Er18" or "Er20" appears in the text display.	Technical fault.	Call the after-sales service.



Risk of electric shock.
Incorrect repairs are dangerous. Repairs may only be carried out by one of our trained after-sales engineers.

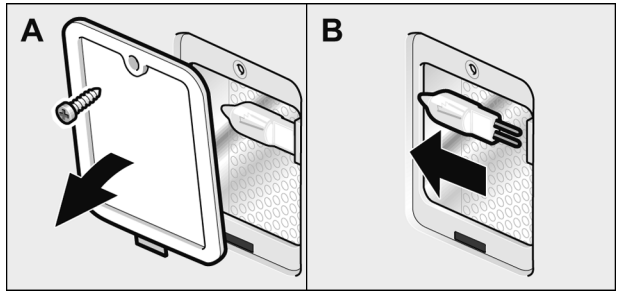
Replacing the oven light bulb

The oven light bulb is replaceable. Heat-resistant 25 V, 240 W halogen bulbs can be obtained from the after-sales service or a specialist retailer.

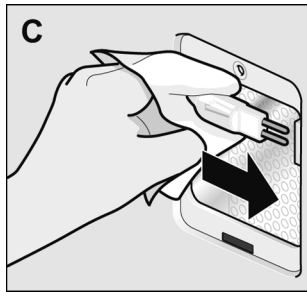
Always remove the new halogen bulb from the packaging using a dry cloth. This increases the service life of the bulb.

1. Unplug the appliance from the mains or switch off the circuit breaker in the fuse box.
2. Open the appliance door.
Undo the two screws from the right and left of the oven.
3. Place a tea towel in the cold oven to prevent damage.
Carefully lift out the appliance.

4. Undo the screw from the lamp cover on the left-hand side wall and remove the cover. (Fig. A)
Pull out the halogen bulb. (Fig. B).



5. Insert the new halogen bulb. (Fig. C)



6. Screw the lamp cover in place.
Reassemble the appliance in the reverse order.
7. Remove the tea towel. Switch the circuit breaker in the fuse box back on or plug in the mains plug.

Replacing the glass cover

If the glass cover in the oven is damaged, it must be replaced. You can obtain covers from the after-sales service. Please supply your appliance's E number and FD number.

After-sales service

Our after-sales service is there for you if your appliance should need to be repaired. You will find the address and telephone number of your nearest after-sales service point in the phone book. The listed after-sales service centres will also be pleased to give you the details of an after-sales service point near you.

E number and FD number

Please quote the E number (product number) and the FD number (production number) of your appliance when contacting the after-sales service. The rating plate bearing these numbers can be seen when you open the appliance door. You can make a note of the number of your appliance and the telephone number of the after-sales service in the space below to save time should it be required.

E no.	FD no.
After-sales service ☎	

Please note that a visit from an after-sales service engineer is not free of charge, even during the warranty period.

Technical data

Power supply	220-240 V, 50 Hz
Maximum total connected load	3,100 W
Microwave power setting	1,000 W (IEC 60705)
Grill	2,000 W
Hot air	1,950 W
Microwave frequency	2,450 MHz
Fuse	16 A

Dimensions (HxWxD)	
- appliance	45.9 x 59.6 x 56.3 cm
- cooking compartment	24.2 x 44.5 x 34.7 cm
<hr/>	
VDE approved	Yes
CE mark	Yes
<hr/>	

This appliance complies with standard EN 55011 or CISPR 11.

It is a group 2, class B product.

Group 2 means that microwaves are produced for the purpose of heating food.

Class B indicates that the appliance is suitable for domestic use.

Tested for you in our cooking studio

Here you will find a selection of dishes and the ideal settings for them. We will show you which type of heating and which temperature or microwave power setting are ideal for your dish. You can find information about suitable accessories and the height at which they should be inserted. There are also tips about cookware and preparation methods.

Notes

The values in the table always apply to dishes placed in a cold and empty cooking compartment. Only preheat the appliance if the table specifies that you should do so.

Before using the appliance, remove all accessories from the cooking compartment that you will not be using.

Do not line the accessory with greaseproof paper until after it has been preheated.

The times specified in the tables are only guidelines. They will depend on the quality and consistency of the food.

Use the accessories supplied. Additional accessories may be obtained from specialist shops or from the after-sales service.

Always use an oven cloth or oven gloves when taking hot accessories or ovenware out of the cooking compartment.

Tables

The following tables provide you with numerous options and settings for the microwave.

The times specified in the tables are only guidelines. They may vary according to the ovenware used and the quality, temperature and consistency of the food.

Time ranges are often specified in the tables. Set the shortest time first and then extend the time if necessary.

It may be that you have different quantities from those specified in the tables.

A rule of thumb can be applied:

Double the amount – almost double the time

Half the amount – half the time.

You can place the dish in the middle of the wire rack or on the oven floor. The food will then absorb the microwaves from all sides.

Defrosting

Place the frozen food in an uncovered tray on the oven floor.

Delicate parts such as the legs and wings of chicken or fatty outer layers of roasts can be covered with small pieces of aluminium foil. The foil must not touch the oven walls. You can remove the foil half way through the defrosting time.

Turn or stir the food once or twice during the defrosting time. Large pieces of food should be turned several times. When turning, drain off any liquid produced by defrosting.

Leave defrosted items to stand at room temperature for a further 10 to 60 minutes so that the temperature can stabilize. The giblets can be removed from poultry at this point.

	Amount	Microwave setting (watts), Cooking time in minutes	Notes
Whole joints of meat e.g. beef, pork, veal (with or without bones)	800 g 1.000 g 1.500 g	180 watts, 15 mins. + 90 watts, 15-25 mins. 180 watts, 15 mins. + 90 watts, 25-35 mins. 180 watts, 20 mins. + 90 watts, 25-35 mins.	Turn several times.
Diced or sliced beef, pork and veal	200 g 500 g 800 g	180 watts, 5 mins.+ 90 watts, 4-6 mins. 180 watts, 10 mins. + 90 watts, 5-10 mins. 180 watts, 10 mins. + 90 watts, 10-15 mins.	Separate the pieces of meat when turning.
Mixed minced meat	200 g 500 g 800 g	90 watts, 15 mins. 180 watts, 5 mins. + 90 watts, 10-15 mins. 180 watts, 10 mins. + 90 watts, 15-20 mins.	Freeze flat if possible. Turn several times during defrosting and remove meat which has already been defrosted.
Poultry or poultry portions	600 g 1.200 g	180 watts, 5 mins. + 90 watts, 10-15 mins. 180 watts, 10 mins. + 90 watts, 20-25 mins.	Turn half way through.
Duck	2.000 g	180 watts, 20 mins. + 90 watts, 30-40 mins.	Turn several times.
Goose	4.500 g	180 watts, 30 mins. + 90 watts, 60-80 mins.	Turn every 20 minutes. Drain off any liquid produced by defrosting.
Fillet of fish, fish steak, slices	400 g	180 watts, 5 mins. + 90 watts, 10-15 mins.	Separate defrosted items.
Whole fish	300 g 600 g	180 watts, 3 mins. + 90 watts, 10-15 mins. 180 watts, 8 mins. + 90 watts, 15 - 25 mins.	Turn half way through.
Vegetables, e.g. peas	300 g 600 g	180 watts, 10-15 mins. 180 watts, 10 mins. + 90 watts, 8-13 mins.	Stir carefully half way through.
Fruit e.g. raspberries	300 g 500 g	180 watts, 7-10 mins. 180 watts, 8 mins. + 90 watts, 5-10 mins.	Stir carefully during defrosting and separate the defrosted parts.
Butter, softening	125 g 250 g	90 watts, 6-8 mins. 180 watts, 2 mins. + 90 watts, 3-5 mins.	Remove the packaging completely.
Whole loaf	500 g 1.000 g	180 watts, 3 mins. + 90 watts, 10-15 mins. 180 watts, 5 mins. + 90 watts, 15-25 mins.	Turn half way through.

	Amount	Microwave setting (watts), Cooking time in minutes	Notes
Cakes, dry e.g. sponge cakes	500 g 750 g	90 watts, 10-15 mins. 180 watts, 3 mins. + 90 watts, 10-15 mins.	Separate pieces of cake. Only for cakes without icing, cream or crème pâtissière.
Cakes, moist e.g. fruit cake and cheese cake	500 g 750 g	180 watts, 5 mins. + 90 watts, 15-20 mins. 180 watts, 7 mins. + 90 watts, 15-20 mins.	Only for cakes without icing, cream or gelatine.

Defrosting, heating up or cooking frozen foods

Take ready-made meals out of their packaging. They will heat up more quickly and evenly if you place them in microwavable dishes. Different parts of the meal may heat up at different rates.

Food which is laid flat heats up quicker than if it is piled high. Therefore it is best to spread out the food so that it lies flat in the container. You should not place layers of food on top of each other.

Always cover the food. If you do not have a suitable lid for your dish, use a plate or special microwave foil.

You should stir or turn the food two to three times during heating.

Once you have heated up the meals, leave them to stand for another 2 to 5 minutes so that the temperature can stabilize.

The individual taste of the food is retained to a large degree. You can therefore go easy on salt and spices.

	Amount	Microwave setting (watts), Cooking time in minutes	Notes
Menu, one-course meal, ready-made meal in two to three parts	300-400 g	600 watts, 11 - 15 mins.	covered
Soups	400-500 g	600 watts, 8 - 13 mins.	covered
Stews	500 g 1.000 g	600 watts, 10 - 15 mins. 600 watts, 20 - 25 mins.	covered
Slices or pieces of meat in sauce, e.g. goulash	500 g 1.000 g	600 watts, 12 - 17 mins. 600 watts, 25 - 30 mins.	covered
Fish, e.g. fillets	400 g 800 g	600 watts, 10 - 15 mins. 600 watts, 20 - 25 mins.	covered

	Amount	Microwave setting (watts), Cooking time in minutes	Notes
Side dishes, e.g. rice, noodles	250 g	600 watts, 2 - 5 mins.	covered, add water
	500 g	600 watts, 8 - 10 mins.	
Vegetables e.g. peas, broccoli and carrots	300 g	600 watts, 8 - 10 mins.	covered, add 1 tbsp water
	600 g	600 watts, 14 - 17 mins.	
Creamed spinach	450 g	600 watts, 11 - 16 mins.	simmer without adding water

Heating food

Take ready-made meals out of their packaging. They will heat up more quickly and evenly if you place them in microwavable dishes. Different parts of the meal may heat up at different rates.

When heating liquids, always place a teaspoon in the container to stop the liquid from boiling over. When boiling is delayed, the liquid comes to the boil without the customary steam bubbles. Even if the container only vibrates a little, the liquid can boil over a lot or spatter. This can cause injuries and scalding.

Always cover the food. If you do not have a suitable lid for your dish, use a plate or special microwave foil.

You should stir or turn the food several times during heating. Monitor the temperature.

Once you have heated up the meals, leave them to stand for another 2 to 5 minutes so that the temperature can stabilize.

	Amount	Microwave setting in watts, cooking time in minutes	Notes
Menu, plated meal, ready-made meals (in two or three parts)	350 - 500 g	600 watts, 4 - 8	Covered
Drinks	150 ml	1000 watts, 1 - 2	Place a spoon in the container. Do not overheat alcoholic drinks. Check during heating.
	300 ml	1000 watts, 2 - 3	
	500 ml	1000 watts, 4 - 5	
Baby food e.g. baby's bottles	50 ml	360 watts, ½ - 1	Without the lid or teat. Always shake well after heating. You must check the temperature.
	100 ml	360 watts, ½ - 1½	
	200 ml	600 watts, 1 - 2	

		Amount	Microwave setting in watts, cooking time in minutes	Notes
Soup	1 bowl	approx. 175 g	600 watts, 2 - 3	
	2 bowls	approx. 175 g	600 watts, 3 - 4	
	4 bowls	approx. 175 g	600 watts, 6 - 8	
Meat in sauce		500 g	600 watts, 8 - 11	Covered
Stew		400 g	600 watts, 6 - 8	Covered
		800 g	600 watts, 8 - 11	
Vegetables	1 portion	150 g	600 watts, 2 - 3	Add some liquid.
	2 portions	300 g	600 watts, 3 - 5	

Cooking food

Always cook food in covered dishes. You should stir or turn the food during cooking.

The individual taste of the food is retained to a large degree. You can therefore go easy on salt and spices.

Food which is laid flat heats up quicker than if it is piled high. Therefore it is best to spread out the food so that it lies flat in the container. If possible, you should not place layers of food on top of each other.

Once you have cooked the meals, leave them to stand for another 2 to 5 minutes so that the temperature can stabilize.

	Amount	Microwave settings in watts Time in minutes	Notes
Fresh whole chicken without giblets	1.2 kg	600 W, 25 - 30	Turn half way through the cooking time.
Fresh fish fillet	400 g	600 W, 7 - 12	
Fresh vegetables	250 g	600 W, 6 - 10	Cut vegetables into pieces of equal size. Add 1 to 2 table- spoons of water per 100 g of vegetables.
	500 g	600 W, 10 - 15	
Side dishes			
e.g. potatoes	250 g	600 W, 8 - 10	Cut potatoes into pieces of equal size. Pour water into the container to a depth of about 1 tablespoon, and stir.
	500 g	600 W, 12 - 15	
	750 g	600 W, 15 - 22	
e.g. potatoes rice	125 g	600 W, 4 - 6 + 180 W 12 - 15	Add double the amount of liquid.
	250 g	600 W, 6 - 8 + 180 W 15 - 18	

	Amount	Microwave settings in watts Time in minutes	Notes
Sweets e.g. pudding (instant),	500 ml	600 W, 6 - 8	Stir the pudding thoroughly using an egg whisk 2 to 3 times during the cooking.
fruit, compote	500 g	600 W, 9 - 12	

Tips for microwave operation

No settings are given for specified amounts of food.	Increase or decrease the cooking times according to the following rule of thumb: Double the amount = almost double the time Half the amount = half the time
The food becomes too dry.	Set a shorter cooking time next time or select a lower microwave setting. Cover the food and add more liquid.
After the time has elapsed, the food is not defrosted, is not hot or is not cooked.	Set a longer time. Larger amounts and deeper dishes take longer to cook.
At the end of the cooking time, the food is overcooked on the outside but undercooked in the middle.	Stir the food during the cooking time and next time select a lower setting and a longer duration.
After defrosting, the poultry or meat is cooked on the outside but still frozen in the middle.	Next time select a lower microwave setting. In addition, turn large amounts of meat or poultry frequently when defrosting.

Cakes and pastries

Baking tins

It is best to use dark baking tins made of metal.

If you switch to the microwave, use the microwave rack or use baking dishes made of glass, ceramic or plastic. These must be heat-resistant up to 250 °C. Cakes will not brown so well if you use these types of baking containers.











Tables

The times given apply to dishes placed in a cold oven.

The temperature and baking time depend on the type and amount of mixture. This is why “ranges” are given in the tables. Begin with the lower value and, if necessary, use a higher setting the next time, since this allows more even browning.


More information can be found in the “*Baking tips*” section which follows the tables.




Always place the cake tin in the centre of the wire rack.

Cake	Ovenware	Level	Type of heating	Temperature in °C	Cooking time in minutes
Plain sponge cakes,	Ring-shaped/ Vienna ring/ rectangular cake tin	1		160-170	60-80
delicate sponge cakes (e.g. pound cake)*		1		150-160	60-70
Cake base with shortcrust pastry edge	Springform cake tin	1		160-170	35-45
Cake base made from sponge mixture	Fruit cake base	1		160-170	35-45
Swiss roll	Springform cake tin	1		170-180	45-50
Cake with dry topping (sponge)	Baking tray	2		160-170	30-40
Cake with moist topping e.g. yeast dough with apple crumble	Baking tray	2		150-160	50-60
Plaited loaf made with 500 g flour	Baking tray	2		160-170	30-40
Stollen made with 500 g flour	Baking tray	2		170-180	60-70
Pizza	Baking tray	2		200-210	25-35
Bread 1 kg**	Baking tray	2		180-190	50-60

* Allow cakes to cool in the oven for approximately 20 minutes.






** Never pour water directly into a hot oven.

Cake	Ovenware	Level	Microwave setting in watts	Cooking time in minutes	Type of heating	Temperature in °C
Nut cake	Springform cake tin	1	90 watts	30-35		170-180

Cake	Ovenware	Level	Microwave setting in watts	Cooking time in minutes	Type of heating	Temperature in °C
Fruit or cheese cake with short pastry*	Springform cake tin	2	360 watts	40-50		150-160
Fruit cake, fine sponge mixture	Ring mould or Springform cake tin	1	90 watts	30-45		170-190
Savoury cakes* (e. g. quiche/onion tart)	Springform cake tin or quiche dish	2	90 watts	50-70		160-180

For baking tins made of metal: Place the microwave grid on the wire rack. Place the tin on the microwave grid.

* Allow cakes to cool in the oven for approximately 20 minutes.

Small baked products		Level	Type of heating	Temperature in °C	Cooking time in minutes
Biscuits	Baking tray	2		150-170	20-35
Meringue	Baking tray	2		100	90-120
Macaroons	Baking tray	2		110	35-45
Puff pastry	Baking tray	2		170-180	35-45
Bread rolls (e.g. rye rolls)	Baking tray	2		180-190	35-45

Baking tips

You wish to cook to your own recipe.

Refer to the instructions in the tables for similar types of food.

How to check that a sponge cake is cooked properly.

Approximately 10 minutes before the end of the baking time specified in the cooking instructions, pierce the deepest part of the cake using a cocktail stick. The cake is done if the cocktail stick comes out clean.

The cake collapses.

Next time you should add less liquid or set the oven temperature around 10 degrees lower. Observe the cooking times in the recipe.

The cake has risen in the centre but is lower at the edges.

Only grease the base of the springform cake tin. As soon as the cake is ready, carefully loosen the cake around the edges using a knife.

The cake is too dark.	Select a lower temperature and cook the cake for a little longer.
The cake is too dry.	Use a toothpick to make small holes in the baked cake. Then drizzle fruit juice or alcohol over the top. Next time you should decrease the temperature by around 10 degrees and reduce the baking times.
The bread or cake (e.g. cheesecake) looks fine, but is soggy on the inside (soft, with watery areas).	Next time you should add a little less liquid and cook for a little longer at a lower temperature. For cakes with a moist topping, you should first bake the base, sprinkle it with almonds or breadcrumbs and then add the topping. Please observe the recipe and the baking times.
The cake does not turn out when turned upside down.	Allow the cake to cool for 5 to 10 minutes after baking, it will then turn out of the tin more easily. If it still does not turn out, carefully loosen the edges using a knife. Turn the cake upside down again and wrap a cold, wet cloth around the tin. Next time you should grease the tin well and add some breadcrumbs also.
You have checked the oven temperature with your own thermometer and have discovered a discrepancy.	The oven temperature was checked by the manufacturer. The temperature was taken from the centre of the oven after a specified time during a test roasting. Each piece of ovenware and each accessory will affect the measured value, meaning that there will always be a discrepancy.
Sparks appear between the dish and the wire rack.	Check whether the outside of the dish is clean. Alter the position of the dish in the oven. If this does not help, continue to bake without using the microwave function. The baking time is consequently extended.

Roasting and grilling

About the tables

The temperature and roasting time depend on the type and amount of food being cooked. This is why temperature ranges are given in the tables. Begin with the lower temperature and, if necessary, use a higher setting the next time.

For more information, see the “*Tips for grilling and roasting*” section which follows the tables.

Ovenware

You may use any heat-resistant ovenware which is suitable for use in a microwave. Metal roasting dishes are not suitable for roasting with microwaves.

The ovenware can become very hot. Use oven gloves to take the ovenware out of the oven.

Place hot glass dishes on a dry kitchen towel after they have been removed from the oven. The glass could crack if placed on a cold or wet surface.

Tips for roasting

Use a high-sided roasting dish for roasting meat and poultry.

Check that your ovenware fits in the cooking compartment. It should not be too big.

Meat: Cover approx. two thirds of the dish base with liquid. Add a little more liquid for pot roasts. Turn pieces of meat halfway through the cooking time. When the roast is ready, turn off the oven and allow it to rest for an additional 10 minutes. This allows better distribution of meat juices.

Poultry: Turn the pieces of meat after $\frac{2}{3}$ of the cooking time has passed.

Tips for grilling

Always keep the oven door closed when grilling and do not preheat.

The pieces of food you are grilling should be of equal thickness. Steaks should be at least 2 to 3 cm thick. This will allow them to grill evenly and prevent them from drying out. Do not add salt to the steaks until they have been grilled.

Use tongs to turn the pieces of food you are grilling. If you pierce the meat with a fork, the juices will run out and it will become dry.












Dark meat, e.g. beef, browns more quickly than lighter-coloured meat such as veal or pork. When grilling light-coloured meat or fish, these often only brown slightly on the surface, although they are cooked and juicy on the inside.


The grill element switches off and on again automatically. This is normal. The grill setting determines how frequently this will happen.

Tips for braising








Use ovenware with a lid for braising fish.


Add two to three tablespoons of liquid and a little lemon juice or vinegar to the dish.

	Microwave power setting in watts, cooking time in minutes	Level	Type of heating	Temperature in °C, grill setting	Notes
Pot-roasted beef approx. 1,000 g	180 W, 80 - 90 mins	0		160 - 170	Cookware with lid, on the cooking compartment floor.
Sirloin, medium rare approx. 1,000 g	180 W, 30 - 40 mins	0		180 - 200	Uncovered dish. Turn halfway through the cooking time. When finished, leave to stand for 10 minutes.
Pork without crackling, approx. 750 g, e.g. neck	360 W, 35 - 45 mins	0		170 - 180	Uncovered dish. When finished, leave to stand for 10 minutes.
Pork with crackling, approx. 1 kg, e.g. shoulder	180 W, 80 - 90 mins	0		170 - 180	Uncovered dish. When finished, leave to stand for 10 minutes. Do not turn.
Pork loin, approx. 500 - 600 g	180 W, 35 - 40 mins	0		180 - 190	Uncovered dish. When finished, leave to stand for 10 minutes.
Meatloaf approx. 750 g	360 W, 30 - 35 mins	0		200 - 210	Cookware without lid, on the cooking compartment floor. When finished, leave to stand for 10 minutes.
Chicken, whole approx. 1,000 - 1,200 g	360 W, 30 - 40 mins	0		230 - 250	Cookware with lid, on the cooking compartment floor. Place with the breast side up. Do not turn.
Chicken portions, e.g. chicken quarters approx. 800 g	360 W, 20 - 30 mins	0		230 - 250	Uncovered dish. Place with the skin side up. Do not turn.
Duck 1,500 - 1,700 g	180 W, 70 - 80 mins	0		220 - 240	Cookware with lid, on the cooking compartment floor. Do not turn.
Duck breast approx. 500 g 2 duck breasts 250 - 300 g each	180 W, 15-20 mins	0		3	Cookware without lid, on the cooking compartment floor. Place with the skin side up. Do not turn.
Goose breast, goose leg 700 - 900 g	180 W, 30 - 40 mins	0		2	Deep cookware without lid, on the cooking compartment floor. Do not turn.

	Microwave power setting in watts, cooking time in minutes	Level	Type of heating	Temperature in °C, grill setting	Notes
Fish, scalloped approx. 500 g	600 W, 10 - 15 mins	0		3	Uncovered dish. Defrost frozen fish before cooking.

* Make cuts in the pork rind.

	Quantity	Weight	Level	Type of heating	Grill setting	Cooking time in minutes
Steaks 2 - 3 cm thick	2 - 3 pieces	approx. 200 g each	1+3**		3 3	1st side: approx. 10 - 15 2nd side: approx. 5 - 10
Neck steaks 2 - 3 cm thick	2 - 3 pieces	approx. 120 g each	1+3**		2 2	1st side: approx. 15 - 20 2nd side: approx. 10 - 15
Grilled sausages	4 - 6 sausages	approx. 150 g each	1+3**		3 3	1st side: approx. 10 - 15 2nd side: approx. 5 - 10
Fish steak*	2 - 3 pieces	approx. 150 g each	1+3**		3 3	1st side: approx. 10 - 12 2nd side: approx. 8 - 12
Fish, whole* e.g. trout	2 - 3 pieces	approx. 300 g each	1+3**		2 2	1. side: approx. 10 - 15 2nd side: approx. 10 - 15
Toast	12 slices	-	3		3 3	1st side: approx. 3 - 5 2nd side: approx. 2 - 3
Toast	4 slices***	-	3		-	1st side: approx. 5 - 6 2nd side: approx. 3 - 4

	Quantity	Weight	Level	Type of heating	Grill setting	Cooking time in minutes
Toast with topping	2 - 4 slices****	-	1+3**		3	Depending on topping: 8 - 10
* Grease the wire rack first with oil.						
** Slide the wire rack in at level 3 and the baking tray at level 1.						
*** Place the slices of bread next to each other in the centre of the wire rack.						
**** Toast the slices of bread in advance.						

Tips for roasting and grilling

The table does not contain information for the weight of the roast.	For small roasts, select a higher temperature and a shorter cooking time. For larger roasts, select a lower temperature and a longer cooking time.
How to tell when the roast is ready.	Use a meat thermometer (available from specialist shops) or carry out a “spoon test”. Press down on the roast with a spoon. If it feels firm, it is ready. If the spoon can be pressed in, it needs to be cooked for a little longer.
The roast looks good but the juices are burnt.	Next time, use a smaller roasting dish or add more liquid.
The roast looks good but the juices are too clear and watery.	Next time, use a larger roasting dish and add less liquid.
The roast is not well-done enough.	Carve the roast. Prepare the gravy in the roasting dish and place the slices of roast meat in the gravy. Finish cooking the meat using the microwave only.




Bakes, gratins

The table applies to dishes placed in a cold oven.

Place the bake in microwaveable cookware on the cooking compartment floor.

Use large flat ovenware for bakes and gratins. Food takes longer to cook in narrow, deep containers and browns more on top.







Bakes and gratins should be left to cook in the oven for a further 5 minutes after the oven has been switched off.

Meal	Quantity	Ovenware	Level	Microwave in watts	Cooking time in minutes	Type of heating	Temp. in °C
Sweet bakes (e.g. quark and fruit soufflé)	approx. 1,500 g	Shallow dish 4 - 5 cm	0	180 W	25-35		130-150
Savoury bakes made from cooked ingredients (e.g. pasta bake)	approx. 1,000 g	Shallow dish 4 - 5 cm	0	600 W	20-30		160-190
Savoury bakes made from raw ingredients (e.g. potato gratin)	approx. 1,100 g	Shallow dish	0	600 W	25-35		170-180

Pre-prepared frozen products

Please observe the instructions on the packaging.

The values in the table apply to dishes placed in a cold oven.

Meal		Level	Type of heating	Temperature in °C	Cooking time in minutes
Strudel with fruit filling	Baking tray	2		180-200	40-50
Chips	Baking tray	2		180-200	25-35
Pizza	Wire rack	2		180-200	10-20
Pizza baguette	Wire rack	2		160-190	15-20
Croquettes	Baking tray	2		180-200	25-35
Rösti	Baking tray	2		180-200	25-35

Test dishes

The quality and function of microwave combination appliances are tested by testing institutes using the following dishes.

In accordance with EN 60705, IEC 60705
DIN 44547 and EN 60350



Microwave defrosting


Meal	Microwave power setting in watts, cooking time in minutes	Notes
Meat	180 W, 7 + 90 W, 8 - 12 or programme 2, 500 g	Place the 22 cm diameter Pyrex dish on the oven floor.

Microwave cooking

Meal	Microwave power setting in watts, cooking time in minutes	Notes
Custard, 1,000 g	600 W, 11 - 12 + 180 W, 15 - 20	Place the Pyrex dish on the oven floor.
Sponge, 475 g	600 W, 8 - 10	Place the 22 cm diameter Pyrex dish on the oven floor.
Meat loaf, 900 g	600 W, 25 - 30	Place the Pyrex dish on the oven floor.

Combined microwave cooking






Meal	Microwave power setting in watts, cooking time in minutes	Type of heating	Temperature in °C, grill setting	Notes
Potato gratin	360 W, 30 - 35		1	Place the 22 cm diameter Pyrex dish on the oven floor.
Cake	180 W, 20 - 25		190-200	Place the 22 cm dia. Pyrex dish on the wire rack at level 1.

Meal	Microwave power setting in watts, cooking time in minutes	Type of heating	Temperature in °C, grill setting	Notes
Chicken	360 W, 30 - 35		240	Place the chicken with the breast-side down in a deep dish without a lid and place on the cooking compartment floor. Turn halfway through the cooking time.

In accordance with DIN 44547 and EN 60350

Baking


The values in the table apply to dishes placed in a cold oven.

	Ovenware and notes	Level	Type of heating	Temperature in °C	Baking time, minutes
Viennese whirls	Baking tray	2		160-170	30-35
Small cakes*	Baking tray	2		160-170	25-30
Hot water sponge cake	Springform cake tin on the wire rack	1		170-180	45-50
Yeast cakes on a baking tray	Baking tray	2		150-160	50-60
Apple pie	20 cm diameter tinplate springform cake tin directly on the wire rack	2		170-190	80-100

* Preheat the oven for 5 minutes.

Grilling

The values in the table apply to dishes placed in a cold oven.

Meal	Accessories	Level	 Grill, large area	Cooking time in minutes
Toast	Wire rack	3	3	4-5
Beefburgers, x 12*	Wire rack and baking tray	3 1	3	30-35

* Turn after ½ the time.

Acrylamide in foodstuffs

Which foods are affected? Acrylamide is mainly produced in grain and potato products heated at high temperatures, such as potato crisps, chips, toast, rolls, bread, baked goods (biscuits, gingerbread, cookies).

	Tips for keeping acrylamide to a minimum when preparing food
General	Keep cooking times to a minimum. Cook meals until they are golden brown, not too dark. Large, thick pieces of food contain less acrylamide.
Baking	With top/bottom heating, maximum 200 °C, with 3D hot air or hot air, maximum 180 °C.
Biscuits	With top/bottom heating, maximum 190 °C, with 3D hot air or hot air, maximum 170 °C. Egg white and egg yolk reduce the formation of acrylamide.
Oven chips	Spread out a single layer evenly on the baking tray. Bake at least 400 g per baking tray so that the chips do not dry out.