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Oven
HB..78B..

BOSCH

[en] Instruction manual

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

Intended use

Read these instructions carefully. Only then will you be able to operate your appliance safely and correctly. Retain the instruction manual and installation instructions for future use or for subsequent owners.

This appliance is only intended to be fully fitted in a kitchen. Observe the special installation instructions.

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

Only a licensed professional may connect appliances without plugs. Damage caused by incorrect connection is not covered under warranty.

This appliance is intended for domestic use only. The appliance must only be used for the preparation of food and drink. The appliance must be supervised during operation. Only use this appliance indoors.

This appliance is intended for use up to a maximum height of 4000 metres above sea level.

This appliance may be used by children over the age of 8 years old and by persons with reduced physical, sensory or mental capabilities or by persons with a lack of experience or knowledge if they are supervised or are instructed by a person responsible for their safety how to use the appliance safely and have understood the associated hazards.

Children must not play with, on, or around the appliance. Children must not clean the appliance or carry out general maintenance unless they are at least 15 years old and are being supervised.

Keep children below the age of 8 years old at a safe distance from the appliance and power cable.

Always slide accessories into the cooking compartment the right way round.
→ *"Accessories" on page 11*

Important safety information

General information

Warning – Risk of fire!

- Combustible items stored in the cooking compartment may catch fire. Never store combustible items in the cooking compartment. Never open the appliance door if there is smoke inside. Switch off the appliance and unplug it from the mains or switch off the circuit breaker in the fuse box.
- Loose food remnants, fat and meat juices may catch fire. Before using the appliance, remove the worst of the food remnants from the cooking compartment, heating elements and accessories.
- A draught is created when the appliance door is opened. Greaseproof paper may come into contact with the heating element and catch fire. Do not place greaseproof paper loosely over accessories during preheating. Always weight down the greaseproof paper with a dish or a baking tin. Only cover the surface required with greaseproof paper. Greaseproof paper must not protrude over the accessories.

Warning – Risk of burns!

- The appliance becomes very hot. Never touch the interior surfaces of the cooking compartment or the heating elements. Always allow the appliance to cool down. Keep children at a safe distance.
- Accessories and ovenware become very hot. Always use oven gloves to remove accessories or ovenware from the cooking compartment.
- Alcoholic vapours may catch fire in the hot cooking compartment. Never prepare food containing large quantities of drinks with a high alcohol content. Only use small quantities of drinks with a high alcohol content. Open the appliance door with care.

Warning – Risk of scalding!

- The accessible parts become hot during operation. Never touch the hot parts. Keep children at a safe distance.
- When you open the appliance door, hot steam can escape. Steam may not be visible, depending on its temperature. When opening, do not stand too close to the appliance. Open the appliance door carefully. Keep children away.
- Water in a hot cooking compartment may create hot steam. Never pour water into the hot cooking compartment.

Warning – Risk of injury!

- Scratched glass in the appliance door may develop into a crack. Do not use a glass scraper, sharp or abrasive cleaning aids or detergents.
- The hinges on the appliance door move when opening and closing the door, and you may be trapped. Keep your hands away from the hinges.

Warning – Risk of electric shock!

- Incorrect repairs are dangerous. Repairs may only be carried out and damaged power cables replaced by one of our trained after-sales technicians. If the appliance is defective, unplug the appliance from the mains or switch off the circuit breaker in the fuse box. Contact the after-sales service.
- The cable insulation on electrical appliances may melt when touching hot parts of the appliance. Never bring electrical appliance cables into contact with hot parts of the appliance.
- Do not use any high-pressure cleaners or steam cleaners, which can result in an electric shock.
- A defective appliance may cause electric shock. Never switch on a defective appliance. Unplug the appliance from the mains or switch off the circuit breaker in the fuse box. Contact the after-sales service.

Warning – Hazard due to magnetism!

Permanent magnets are used in the control panel or in the control elements. They may affect electronic implants, e.g. heart pacemakers or insulin pumps. Wearers of electronic implants must stay at least 10 cm away from the control panel.

Halogen lamp

⚠ Warning – Risk of electric shock!
When replacing the cooking compartment bulb, the bulb socket contacts are live. Before replacing the bulb, unplug the appliance from the mains or switch off the circuit breaker in the fuse box.

Cleaning function

⚠ Warning – Risk of fire!
- Loose food remnants, fat and meat juices may catch fire when the cleaning function is in progress. Before you start the cleaning function, always remove the worst of the food residues and remnants from the cooking compartment.Do not use the cleaning function for cleaning accessories.
- The appliance will become very hot on the outside during the cleaning function. Never hang combustible objects, e.g. tea towels, on the door handle. Do not place anything against the front of the appliance. Keep children away from the appliance.

⚠ Warning – Risk of serious harm to health!
The appliance becomes very hot when the cleaning function is in progress. The non-stick coating on baking trays and tins is destroyed and noxious gases are released. Never clean non-stick baking trays or baking tins using the cleaning function. In general, you must not use the cleaning function for cleaning accessories.

⚠ Warning – Risk of burns!
- The cooking compartment becomes extremely hot during the cleaning function. Never open the appliance door. Allow the appliance to cool down. Keep children away from the appliance.
- ⚠ The appliance will become very hot on the outside during the cleaning function. Never touch the appliance door. Allow the appliance to cool down. Keep children away from the appliance.

Causes of damage

General information

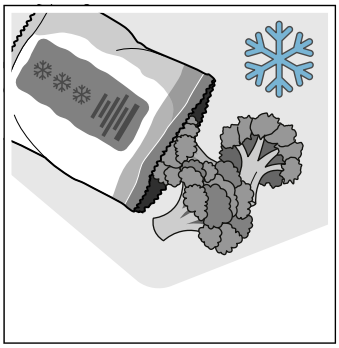
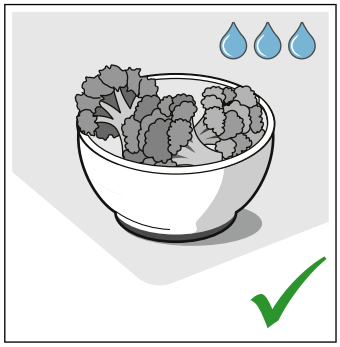
Caution!
- Accessories, foil, greaseproof paper or ovenware on the cooking compartment floor: do not place accessories on the cooking compartment floor. Do not cover the cooking compartment floor with any sort of foil or greaseproof paper. Do not place ovenware on the cooking compartment floor if a temperature of over 50 °C has been set. This will cause heat to accumulate. The baking and roasting times will no longer be correct and the enamel will be damaged.
- Aluminium foil: Aluminium foil in the cooking compartment must not come into contact with the door glass. This could cause permanent discolouration of the door glass.
- Water in a hot cooking compartment: do not pour water into the cooking compartment when it is hot. This will cause steam. The temperature change can cause damage to the enamel.
- Moisture in the cooking compartment: Over an extended period of time, moisture in the cooking compartment may lead to corrosion. Allow the cooking compartment to dry after use. Do not keep moist food in the closed cooking compartment for extended periods of time. Do not store food in the cooking compartment.
- Cooling with the appliance door open: Following operation at high temperatures, only allow the cooking compartment to cool down with the door closed. Do not trap anything in the appliance door. Even if the door is only left open a crack, the front of nearby furniture may become damaged over time. Only leave the cooking compartment to dry with the door open if a lot of moisture was produced whilst the oven was operating.
- Fruit juice: when baking particularly juicy fruit pies, do not pack the baking tray too generously. Fruit juice dripping from the baking tray leaves stains that cannot be removed. If possible, use the deeper universal pan.
- Extremely dirty seal: If the seal is very dirty, the appliance door will not be closed properly when the appliance is in operation. This may result in damage to the front panels of adjacent kitchen units. If the seal is damaged, you can order a new one from our after-sales service.
- Appliance door as a seat, shelf or worktop: Do not sit on the appliance door, or place or hang anything on it. Do not place any cookware or accessories on the appliance door.
- Inserting accessories: depending on the appliance model, accessories can scratch the door panel when closing the appliance door. Always insert the accessories into the cooking compartment as far as they will go.
- Carrying 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.

Environmental protection

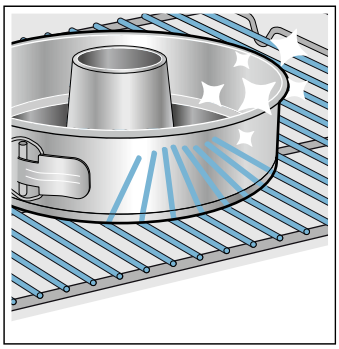
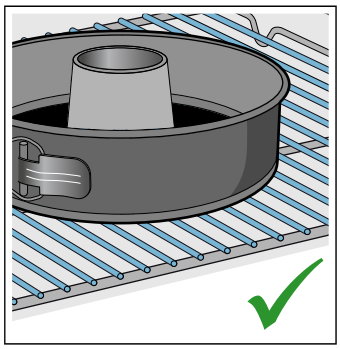
Your new appliance is particularly energy-efficient. Here you can find tips on how to save even more energy when using the appliance, and how to dispose of your appliance properly.

Saving energy

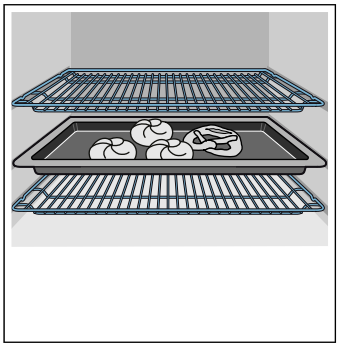
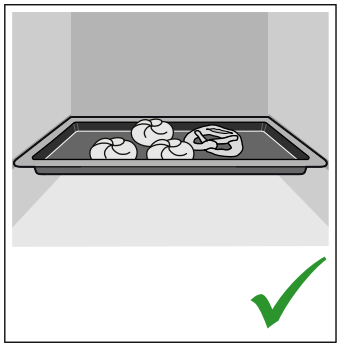
- Only preheat the appliance if this is specified in the recipe or in the tables in the operating instructions.
- Leave frozen food to defrost before placing it in the cooking compartment.

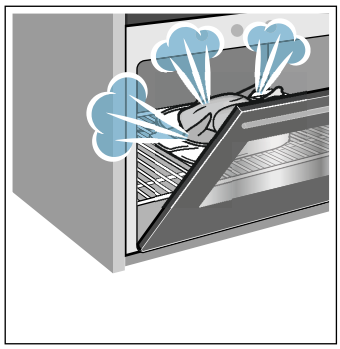
- Use baking tins that are dark-coloured, painted black or have an enamel coating. These absorb the heat particularly well.

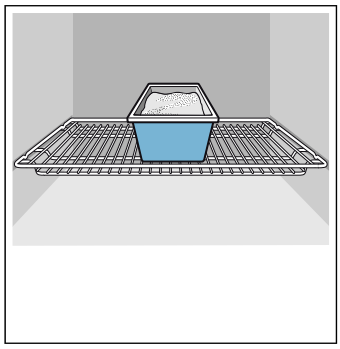
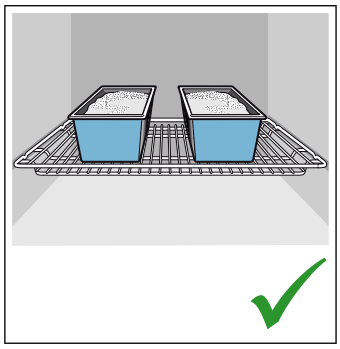
- Remove any unnecessary accessories from the cooking compartment.

- Open the appliance door as infrequently as possible when the appliance is in use.



- It is best to bake several cakes one after the other. The cooking compartment stays warm. This reduces the baking time for the second cake. You can place two cake tins next to each other in the cooking compartment.

- For longer cooking times, you can switch the appliance off 10 minutes before the end of the cooking time and use the residual heat to finish cooking.

Environmentally-friendly disposal

Dispose of packaging in an environmentally-friendly manner.

This appliance is labelled in accordance with European Directive 2012/19/EU concerning used electrical and electronic appliances (waste electrical and electronic equipment - WEEE). The guideline determines the framework for the return and recycling of used appliances as applicable throughout the EU.

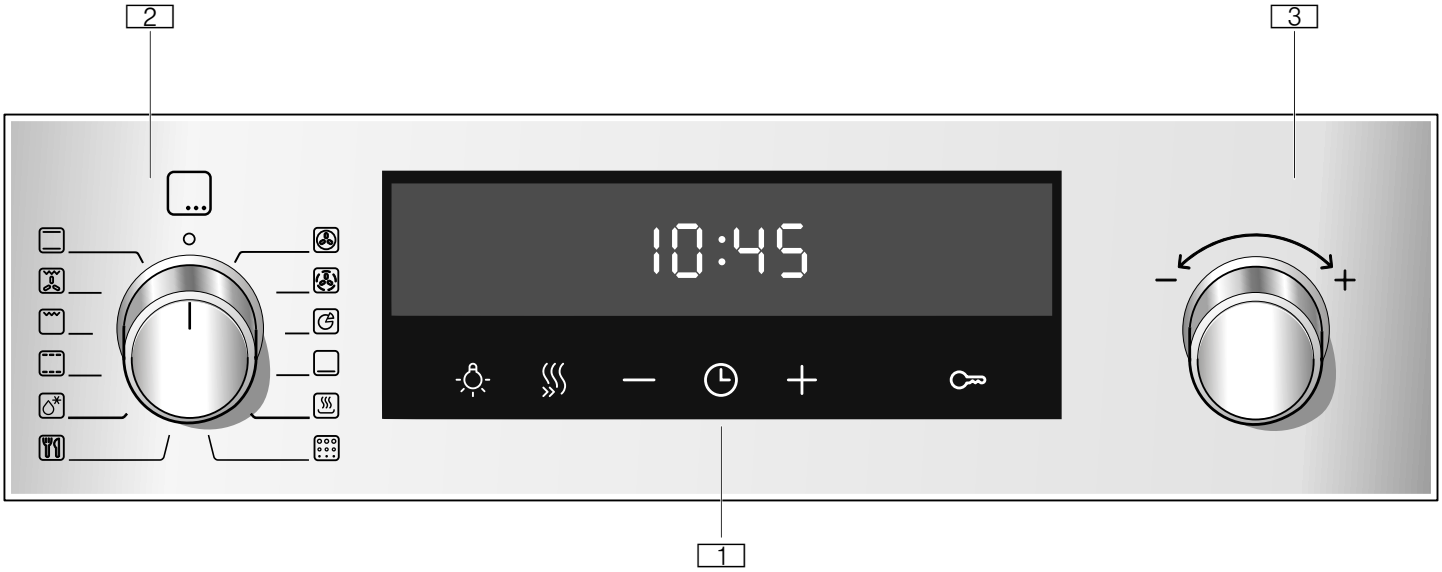
Getting to know your appliance

In this chapter, we will explain the indicators and controls. You will also find out about the various functions of your appliance.

Note: . Depending on the appliance model, individual details and colours may differ.

Control panel

You can set your appliance's various functions on the control panel. Below, you will see an overview of the control panel and the layout of the controls.



1 **Buttons and display**
The buttons are touch keys with sensors underneath. Simply touch a symbol to select the function it represents.
The display shows symbols for active functions and the time-setting options.

2 **Function selector**
Use the function selector to set the heating function or other functions.
You can turn the function selector clockwise or anti-clockwise from the "Off" position.

3 **Temperature selector**
Use the temperature selector to set the temperature for the heating function or select the setting for other functions.
You can also turn the temperature selector clockwise and anti-clockwise. It does not have an "Off" position.

Note: . On some appliances, the control knobs can be pushed in. To push the control knob in and engage it or to release it again, turn it to the "Off" position.

Buttons and display

You can use the buttons to set various additional functions on your appliance. You will be able to see the values for these on the display.

Symbol		Meaning
	Time-setting options	Tap the symbol repeatedly to select the time, timer, duration and end time.
–	Minus	Reduce setting values.
+	Plus	Increase setting values.
	Interior lighting	Switch the interior lighting on or off.
	Rapid heating	Start or cancel Rapid heating for the cooking compartment.
	Childproof lock	Lock and unlock the oven functions on the control panel.

Display

The cooking compartment temperature you set using the temperature selector will be shown on the display.

In addition, you can read the settings for the time-setting options. The value that can be set at the present time or that is elapsing will be shown in large digits on the display. To use the individual time-setting options, touch the ◷ button several times.If there is a red bar above or below a symbol, this means that the value being shown in large digits on the display refers to the function that this symbol represents.

Types of heating and functions

Use the function selector to set the types of heating and other functions.

To make sure you always use the right type of heating to cook your food, we have explained the differences and applications below.

Type of heating		Temperature	Use
	3D hot air	30-275 °C	For baking and roasting on one or more levels. The fan distributes the heat from the ring heating element in the back panel evenly around the cooking compartment.
	Hot air gentle	30-275 °C	An intelligent heating type for the gentle preparation of meat, fish and pastries. The appliance optimally controls the supply of energy to the cooking compartment. The food is prepared in phases using residual heat. This means that it remains more succulent and browns less. Energy can be saved, depending on the preparation and food. This heating function is used to determine the energy efficiency class.
	Pizza setting	30-275 °C	For cooking pizza and dishes that require a lot of heat from underneath. The bottom heating element and the ring heating element in the back panel heat up.
	Bottom heating	30-250 °C	For cooking in a bain marie and for baking food for extra time. Heat is emitted from below.
	Keep-warm	60-100 °C	For keeping cooked food warm.
	Defrost	30-60 °C	For gently defrosting frozen food.
	Slow cook	70-120 °C	For gentle and slow cooking of seared, tender pieces of meat in ovenware without a lid. Heat is emitted evenly from above and below at low temperatures.
	Grill, large area	Grill settings: 1 = low 2 = medium 3 = high	For grilling flat items, such as steaks or sausages, for making toast, and for browning food. The whole area below the grill element becomes hot.
	Circulated air grilling	30-275 °C	For roasting poultry, whole fish and larger pieces of meat. The grill element and the fan switch on and off alternately. The fan circulates the hot air around the food.
	Top/bottom heating	30-275 °C	For traditional baking and roasting on one level. Especially suitable for cakes with moist toppings. Heat is emitted evenly from the top and bottom.

Note: For each heating function, the appliance specifies a default temperature or level. You can accept this value or change it in the appropriate area.

Other functions

Your new oven has yet more functions; see below for a brief description of these.

Function		Use
	Programmes	For many types of food, the appliance has preprogrammed setting values that you can use. → *"Programmes" on page 27*
	Pyrolytic self-cleaning	The pyrolytic self-cleaning function cleans the cooking compartment almost by itself. → *"Cleaning function" on page 20*

Temperature

Use the temperature selector to set the temperature in the cooking compartment. It can also be used to select the grill and cleaning settings, for example.

The settings will appear on the display.

Notes

- The temperature can be set in 1 degree increments up to 100 °C, and in 5 degree increments thereafter.
- When cooking at very high temperatures, the appliance lowers the temperature slightly after an extended period.

Temperature indicator

The line at the bottom of the display turns red from left to right as the cooking compartment heats up.

When you are preheating the appliance, the optimal time to place your food in the cooking compartment is as soon as the entire line has turned red.

Residual heat

When the appliance is switched off, the temperature indicator shows the residual heat in the cooking compartment. The lower the temperature drops, the less of the indicator will be coloured.

Notes

- The temperature indicator will only show the increasing temperature for heating functions for which a temperature is set. For grill settings, for example, the indicator is filled in immediately.
- Due to thermal inertia, the temperature displayed may be slightly different to the actual temperature inside the oven.

Cooking compartment

Various functions in the cooking compartment make your appliance easier to use. For example, the cooking compartment is well lit and a cooling fan prevents the appliance from overheating.

Opening the appliance door

If you open the appliance door when the appliance is in operation, the appliance will continue to operate as before.

Interior lighting

With most heating functions and other functions, the interior lighting in the cooking compartment will remain lit while the oven is in operation. Once the oven has finished cooking the food, the lighting will go out.

By pressing the button for the interior lighting, you can switch on the lighting without heating the oven. This makes it easier to clean your appliance, for example.

Cooling fan

The cooling fan switches on and off as required. The hot air escapes above the door.

Caution!

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

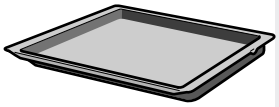
So that the cooking compartment cools down more quickly after operation, the cooling fan continues to run for a certain period afterwards.

Accessories

Your appliance is accompanied by a range of accessories. Here, you can find an overview of the accessories included and information on how to use them correctly.

Control accessories

The accessories supplied may differ depending on the appliance model.

	Wire rack For ovenware, cake tins and ovenproof dishes. For roasts, grilled items and frozen meals.
	**Universal pan** For moist cakes, pastries, frozen meals and large roasts. It can be used to catch dripping fat when you are grilling directly on the wire rack.
	Baking tray For tray bakes and small baked products.

Only use original accessories. They are specially adapted for your appliance.

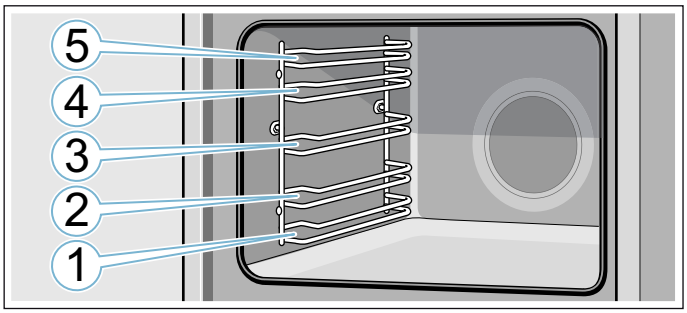
You can buy accessories from the after-sales service, from specialist retailers or online.

Note: The accessories may deform when they become hot. This does not affect their function. Once they have cooled down again, they regain their original shape.

Inserting accessories

The cooking compartment has five shelf positions. The shelf positions are counted from the bottom up.

In some appliances, the highest shelf position is marked on the cooking compartment with the grill symbol.



Always insert the accessory between the two guide bars for a shelf position.

Accessories can be pulled out approximately halfway without tipping.

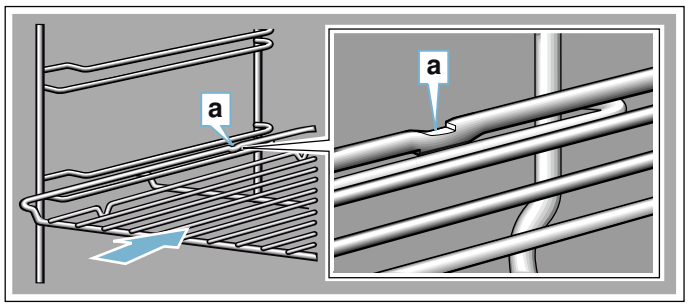
Notes

- Make sure that you always insert the accessories into the cooking compartment the right way round.
- Always insert accessories fully into the cooking compartment so that they do not touch the appliance door.
- Take any accessories that you will not be using out of the cooking compartment.

Locking function

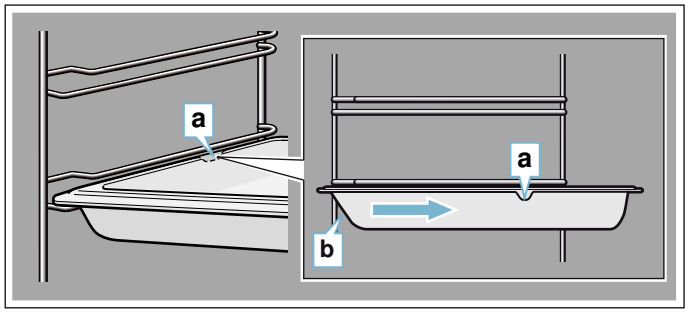
The accessories can be pulled out approximately halfway until they lock in place. The locking function prevents the accessories from tilting when they are pulled out. The accessories must be inserted into the cooking compartment correctly for the tilt protection to work properly.

When inserting the wire rack, ensure that lug **a** is at the rear and is facing downwards. The open side must be facing the appliance door and the outer rail must be facing downwards ⌣.



When inserting baking trays, ensure that lug **a** is at the rear and is facing downwards. The sloping edge of the accessory **b** must be facing towards the appliance door.

Example in the picture: Universal pan

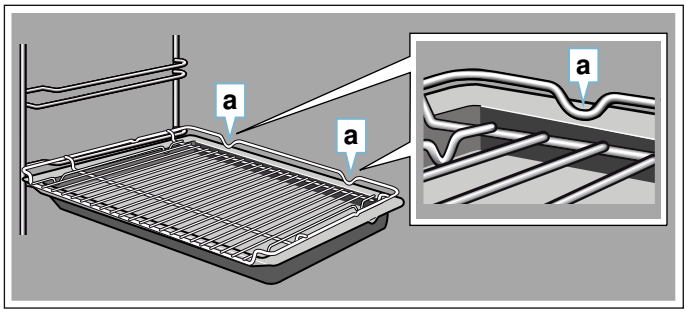


Combining accessories

You can insert the wire rack and the universal pan at the same time to catch drops of liquid.

When inserting the wire rack, ensure that both spacers **a** are at the rear edge. When inserting the universal pan, the wire rack is on top of the upper guide rod of the shelf position.

Example in the picture: Universal pan



Optional accessories

You can buy optional accessories from the after-sales service, from specialist retailers or online. *You will find a comprehensive range of products for your appliance in our brochures and online.

Both availability and whether it is possible to order online differ between countries. Please see your sales brochures for more details.

Note: Not all optional accessories are suitable for every appliance. When purchasing, please always quote the exact identification number (E-no.) of your appliance.
→ *"Customer service" on page 27*

Optional accessories
Wire rack For cookware, cake tins and ovenproof dishes, and for roasts and grilled food.
Baking tray For tray bakes and small baked items.
Universal pan For moist cakes, baked items, frozen food and large roasts. It can be used to catch dripping fat when you are grilling directly on the wire rack.
Wire insert For meat, poultry and fish. For inserting into the universal pan to catch dripping fat and meat juices.
Universal pan, non-stick For moist cakes, baked items, frozen food and large roasts. Allows baked items and roasts to be removed more easily from the universal pan.
Baking tray, non-stick For tray bakes and small baked items. Allows baked items to be removed more easily from the baking tray.
Two universal pans, narrow style For moist cakes, baked items and frozen food. Do not use the universal pans in conjunction with the clip-on pull-out rails or place them on the wire rack.
Professional pan For preparing large quantities of food. Also ideal for moussaka, for example.
Professional pan with wire insert For preparing large quantities of food.
Lid for the professional pan The lid turns the professional pan into a professional roasting dish.
Pizza tray For pizzas and large round cakes.
Grill tray Use for grilling in place of the wire rack or as a splatter guard. Use in the universal pan only.
Baking stone For home-made bread, bread rolls and pizzas that you wish to have a crispy base. The baking stone must be preheated to the recommended temperature.
Glass roasting dish For stews and bakes.
Glass tray For large roasts, moist cakes and bakes.
Glass pan For bakes, vegetable dishes and baked items.
Clip-on rail The pull-out rails can be used at any level. Rails can be fitted on any and all free levels.
Pull-out system, one level Fitting pull-out rails at position 2 will allow you to pull accessories out further without them tipping.
Pull-out system, two levels Fitting pull-out rails at positions 2 and 3 will allow you to pull accessories out further without them tipping.
Pull-out system, three levels Fitting pull-out rails at positions 1, 2 and 3 will allow you to pull accessories out further without them tipping.

Before using for the first time

Before you can use your new appliance, you must make some settings. You must also clean the cooking compartment and accessories.

Initial use

The time will appear on the display once the appliance is connected to the power supply. Set the current time.

Setting the time

Make sure that the function selector is set to the "Off" position.

The time starts at "12:00".
1. Use the − or + button to set the time.
2. Touch the ◷ button to confirm.

The current time will be shown on the display.

Cleaning the cooking compartment and accessories

Before using the appliance to prepare food for the first time, you must clean the cooking compartment and accessories.

Cleaning the cooking compartment

To eliminate the new-appliance smell, heat up the cooking compartment when it is empty and with the oven door closed.

Make sure that there is no leftover packaging, such as polystyrene pellets, in the cooking compartment and remove the adhesive tape that is in or on the appliance. Before heating the appliance, wipe the smooth surfaces in the cooking compartment with a soft, damp cloth. Keep the kitchen ventilated while the appliance is heating.

Apply the settings indicated below. You can find out how to set the heating function and the temperature in the next section. ⟶ *"Operating the appliance" on page 13*

Settings	
Heating function	Top/bottom heating ⊟
Temperature	240 °C
Time	1 hour

Switch off the appliance after the time indicated.

Once the cooking compartment has cooled down, clean the smooth surfaces with soapy water and a dish cloth.

Cleaning the accessories

Clean the accessories thoroughly using soapy water and a dish cloth or soft brush.

Operating the appliance

You have already learnt about the controls and how they work. Now we will explain how to apply settings on your appliance.

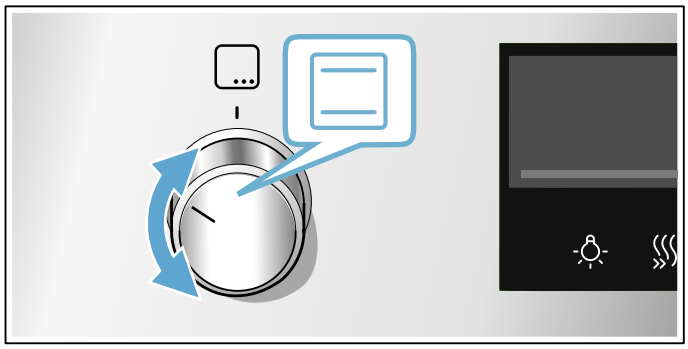
Switching the appliance on and off

Use the function selector to switch the appliance on or off. Turning the function selector to any position other than the "Off" position switches on the appliance. To switch off the appliance, always turn the function selector to the "Off" position.

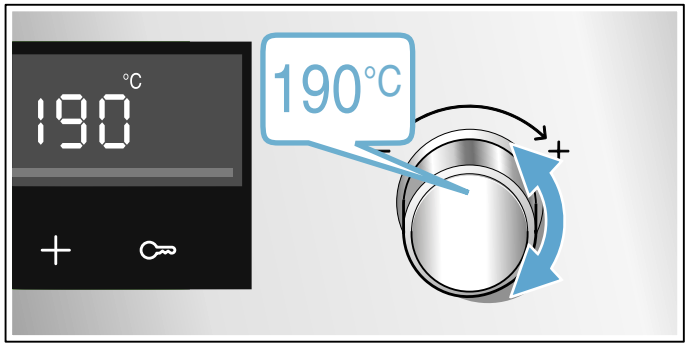
Setting the heating function and temperature

The function selector and temperature selector make it very easy to apply the settings you require to your appliance. To find out which heating function is best for which type of food, please refer to the beginning of the instruction manual.

Example in the picture: Top/bottom heating ⊟ at 190 °C.
1. Use the function selector to set the heating function.



2. Use the temperature selector to set the temperature or grill setting.



The appliance will start heating after a few seconds.

Once your food is cooked, turn the function selector to the "Off" position to switch the appliance off.

Note: You can set both a cooking time and an end time on the appliance. ⟶ *"Time-setting options" on page 14*

Changing

The heating function and temperature can be changed at any time using the relevant selector.

If you change the heating function, the temperature will be changed to the corresponding default value.

Rapid heating

With Rapid heating, you can shorten the heat-up time.

Suitable heating functions include:
- 3D hot air
- Top/bottom heating

Only use Rapid heating when a temperature of over 100 °C has been selected.

To achieve an even cooking result, do not place your food into the cooking compartment until Rapid heating is complete.

1. Set the heating function and temperature.
2. Touch the button.
   The »symbol will appear on the display.

The oven will start heating after a few seconds.

Once Rapid heating is complete, an audible signal will sound and the »symbol will go out.Place your food in the cooking compartment.

Time-setting options

Your appliance has different time-setting options.

Time-setting option	Use
Cooking time	Once the set cooking time has elapsed, the appliance will automatically stop heating.
End time	Enter a cooking time and the required end time. The appliance will start up automatically so that it finishes cooking at the required time.
Timer	The timer functions like an egg timer. It runs independently of the appliance when it is heating and of other time-setting options and does not affect the appliance.
Time	When no other function is running in the foreground, the appliance will show you the time of day on the display.

Before you can call up the cooking time using the button, you will need to set a heating function.Once you have set a cooking time, the end time can be called up. The timer can be set at any time.

An audible signal will sound once the cooking time or timer duration has elapsed. You can cancel the audible signal early by touching the button.

Note: You can change how long the audible signal sounds for in the basic settings. ⟶ *"Basic settings" on page 17*

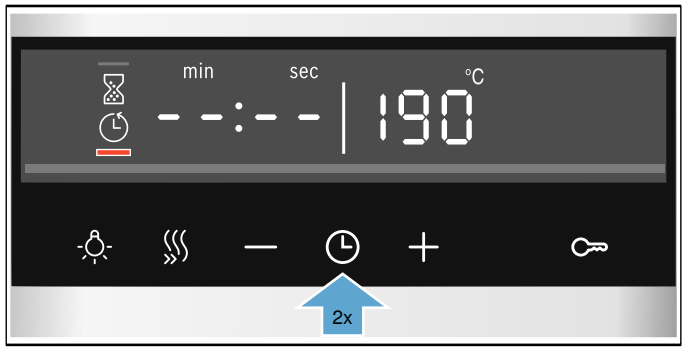
Setting the cooking time

You can set the cooking time for your food on the appliance. This prevents the food from accidentally being cooked for too long, and means that you do not have to stop what you are doing to switch off the oven.

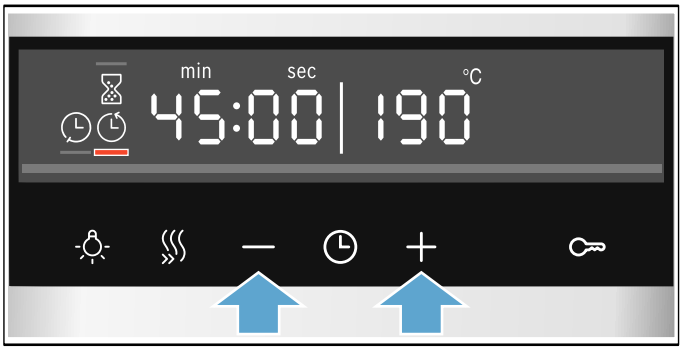
The maximum time that can be set is 23 hours and 59 minutes. The cooking time can be set in 1-minute increments up to one hour, and then in 5-minute increments.

The cooking time will start at a different default value depending on which button you touch first:
10 minutes if you touch the **–** button and 30 minutes if you touch the **+** button.

Example in the picture: Cooking time of 45 minutes.
1. Set the type of heating and temperature or setting.
2. Touch the button twice.
   The cooking time will be highlighted on the display.



3. Use the – or + button to set the cooking time.



The appliance will start heating after a few seconds. The remaining time will count down on the display.

The cooking time has elapsed

An audible signal will sound. The appliance will stop heating. The cooking time will be zero on the display.

Once the signal stops, you can touch the + button to set a new cooking time.

Once your food is cooked, turn the function selector to the "Off" position to switch the appliance off.

Changing and cancelling

You can use the – or + button to change the cooking time at any time.After a few seconds, the change will be applied.

To cancel, use the – button to reset the cooking time all the way to zero. The appliance will continue heating without a cooking time.

Checking time-setting options

If time-setting options have been set, the corresponding symbols are lit up on the display. The symbol for which the time is currently being displayed will be indicated.

To check the values for the different time-setting options, touch the ◷ button repeatedly until the required symbol is indicated.

Setting the end time

You can delay the time at which cooking is due to finish. You can, for example, put your food in the cooking compartment in the morning and set the cooking time so that it is ready at lunch time.

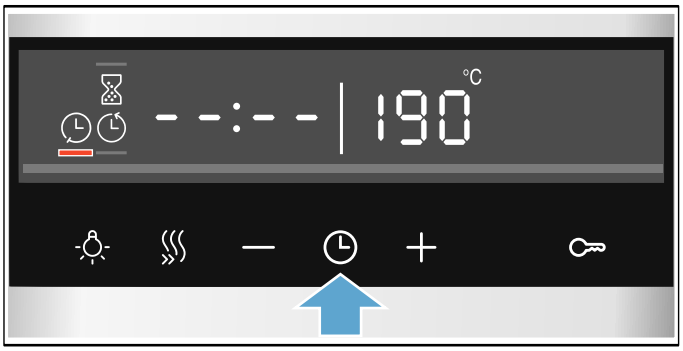
Notes

- Make sure that food is not left in the cooking compartment for too long as it may spoil.
- Do not adjust the end time once the appliance is already in operation. Otherwise the cooking result may no longer be satisfactory.

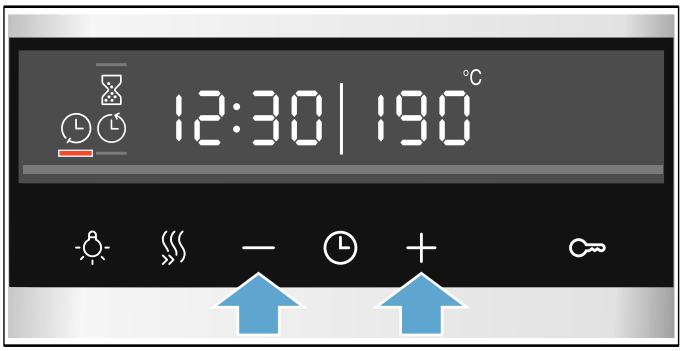
The end of the cooking time can be delayed by up to 23 hours and 59 minutes.

Example in the picture: The time is 10.30 a.m., a cooking time of 45 minutes has been set and you want the food to be ready at 12.30 p.m.

1. Set the type of heating and temperature or setting.
2. Touch the ◷ button twice and use the – or + button to set the cooking time.
3. Touch the ◷ button again.
   The end time ◷ will be highlighted on the display.



4. Use the + or – button to delay the end time.



The appliance will apply the settings after a few seconds. The end time will be shown on the display. Once the appliance starts, the time will begin counting down.

The cooking time has elapsed

An audible signal will sound. The appliance will stop heating. The cooking time will be zero on the display.

Once the signal stops, you can touch the + button to set a new cooking time.

Once your food is cooked, turn the function selector to the "Off" position to switch the appliance off.

Changing and cancelling

You can use the – or + button to change the end time. After a few seconds, the change will be applied. The end time cannot be changed once the cooking time has already started to count down. Otherwise the cooking result would no longer be satisfactory.

To cancel, use the – button to set the end time all the way back to the current time plus the cooking time. The appliance will start to heat and the cooking time will start to count down.

Checking time-setting options

If time-setting options have been set, the corresponding symbols are lit up on the display. The symbol for which the time is currently being displayed will be indicated.

To check the values for the different time-setting options, touch the ◷ button repeatedly until the required symbol is indicated.

Setting the timer

The timer runs alongside other settings. You can set it at any time, even if the appliance has been switched off. It has its own audible signal so that you can tell whether it is the timer or a cooking time that has elapsed.

The maximum time that can be set is 23 hours and 59 minutes. Up to 10 minutes, the timer duration can be set in 30-second increments.Above 10 minutes, the time increments become longer the higher the value.

The timer duration will start at a different default value, depending on which button you touch first:
5 minutes if you touch the **–** button and 10 minutes if you touch the **+** button.

1. Touch the ◷ button until the timer symbol ⧖ is underlined.
2. Use the **–** or **+** button to set the timer duration.

After a few seconds, the timer duration will start to count down.

Tip: If the set timer duration is the duration for which you wish to cook your food, use the cooking time. The appliance will then switch off automatically when it has finished cooking.

The timer duration has elapsed

An audible signal will sound. The timer duration will be zero on the display.

Touch any button to switch off the timer.

Changing and cancelling

You can use the **–** or **+** button to change the timer duration at any time. After a few seconds, the change will be applied.

To cancel, use the **–** button to reset the timer duration all the way to zero. The timer is now switched off.

Checking time-setting options

If time-setting options have been set, the corresponding symbols are lit up on the display. The symbol for which the time is currently being displayed will be indicated.

To check the values for the different time-setting options, touch the ◷ button repeatedly until the required symbol is indicated.

Setting the time

When the appliance is connected to the power supply or following a power failure, the time will flash on the display. Set the clock.

The function selector must be set to the "Off" position.

1. Touch the ◷ button.
   The time will stop flashing.
2. Use the **–** or **+** button to set the time.

After a few seconds, the appliance will apply the time.

Note: You can go to the basic settings to specify whether or not the time should be shown on the display.
→ *"Basic settings" on page 17*

Changing the time

You can change the time again when you need to, e.g. from summer to winter time.

To do this, when the appliance is switched off, touch the ◷ button until the symbol for the time is underlined, and use the **–** or **+** button to change the time.

Childproof lock

Your appliance is equipped with a childproof lock so that children cannot switch it on accidentally or change any settings.

Notes

- You can go to the basic settings to specify whether you want the option to set the childproof lock.
  → *"Basic settings" on page 17*
- If a hob is connected, it will not be affected by the childproof lock on the oven.

Activating and deactivating

To activate the childproof lock, the function selector must be set to the "Off" position.

Press and hold the ⊶ button for approx. 4 seconds.

The symbol for this function will appear on the display. The childproof lock is now activated.

Note: If a timer duration ⧖ has been set, this will continue to count down. While the childproof lock is active, the timer duration cannot be changed.

To deactivate the childproof lock, press and hold the ⊶ button again for approx. 4 seconds until the symbol goes out on the display.

Basic settings

There are various settings available to you in order to help use your appliance effectively and simply. You can change these settings as required.

List of basic settings

Depending on the features of your appliance, not all basic settings will be available.

Basic setting		Options
c01	Audible signal duration upon completion of a cooking time or timer duration	1 = approx. 10 seconds 2 = approx. 30 seconds* 3 = approx. 2 minutes
c02	Amount of time until a setting is applied	1 = approx. 3 seconds* 2 = approx. 6 seconds 3 = approx. 10 seconds
c03	Button tone that sounds when a button is touched	0 = off 1 = on*
c04	Brightness of the display illumination	1 = dark 2 = medium* 3 = bright
c05	Display time of day?	0 = hide the time 1 = display the time*
c06	Enable childproof lock activation?	0 = no 1 = yes* 2 = yes, with locked door**
c07	Interior lighting on when appliance in operation?	0 = no 1 = yes*
c08	Cooling fan run-on time	1 = short 2 = medium* 3 = long 4 = extra long
c09	Telescopic rails retrofitted?**	0 = no* 1 = yes
c10	Sabbath mode available?	0 = no* 1 = yes
c12	Reset all values to factory settings?	0 = no* 1 = yes

* Factory setting (factory settings may vary depending on the appliance model)

** Not available for all appliance types.

Changing the basic settings

The function selector must be set to the "Off" position.

1. Press and hold the ◷ button for approximately 4 seconds.
   The first basic setting will appear on the display, e.g. c01 1.
2. Turn the temperature selector to change the setting as required.
3. Use the + button to navigate to the next basic setting.
4. Using the – or + button, continue going through all the basic settings as described above, changing the settings if necessary using the temperature selector.
5. When you have finished, press and hold the ◷ button again for approximately 4 seconds to confirm the settings.

All basic settings have now been applied.

You can change the basic settings again at any time.

Note: Your changes to the basic settings will be retained even after a power failure.

Sabbath mode

Sabbath mode lets you set a cooking time of over 70 hours. This enables you to keep dishes in the cooking compartment warm without having to switch the appliance on or off.

Starting Sabbath mode

Before you can use Sabbath mode, you will need to activate it in the basic settings. ⟶ *"Basic settings" on page 17*

The appliance heats up with top/bottom heating. You can set a temperature between 85 °C and 140 °C. The cooking time can be adjusted to the nearest half hour between 24 and 72 hours.

1. Set the function selector to the programme. SAbb appears on the display.
2. Use the temperature selector to set the temperature.
3. Touch the ◷ button twice.
   The cooking time ◷ will be highlighted on the display.
4. Use the + or – button to set the cooking time.
   Note: The end time cannot be delayed.

The appliance will start heating after a few seconds. The remaining time will count down on the display.

When the cooking time for Sabbath mode has ended, an audible signal will sound. The appliance will stop heating. The time on the display will be zero.

Switch the appliance off by turning the function selector to the "Off" position.

Changing and cancelling

The settings cannot be changed once the appliance has started.

If you would like to cancel Sabbath mode, switch the appliance off by turning the function selector to the "Off" position.

Cleaning

With good care and cleaning, your appliance will retain its appearance and remain fully functioning for a long time to come. We will explain here how you should correctly care for and clean your appliance.

Suitable cleaning agents

To ensure that the different surfaces are not damaged by using the wrong cleaning agent, observe the information in the table. Depending on the appliance model, not all of the areas listed may be on/in your appliance.

Caution!
Risk of surface damage
Do not use:
- Harsh or abrasive cleaning agents,
- Cleaning agents with a high alcohol content,
- Hard scouring pads or cleaning sponges,
- High-pressure cleaners or steam cleaners,
- Special cleaners for cleaning the appliance while it is hot.

Wash new sponge cloths thoroughly before use.

Tip: Highly recommended cleaning and care products can be purchased through the after-sales service. Observe the respective manufacturer's instructions.

⚠ Warning – Risk of burns!
The appliance becomes very hot. Never touch the interior surfaces of the cooking compartment or the heating elements. Always allow the appliance to cool down. Keep children at a safe distance.

Area	Cleaning
Appliance exterior	
Stainless steel front	Hot soapy water: Clean with a dish cloth and then dry with a soft cloth. Remove flecks of limescale, grease, starch and albumin (e.g. egg white) immediately. Corrosion can form under such flecks. Special stainless steel cleaning products suitable for hot surfaces are available from our after-sales service or from specialist retailers. Apply a very thin layer of the cleaning product with a soft cloth.
Plastic	Hot soapy water: Clean with a dish cloth and then dry with a soft cloth. Do not use glass cleaner or a glass scraper.
Painted surfaces	Hot soapy water: Clean with a dish cloth and then dry with a soft cloth.
Control panel	Hot soapy water: Clean with a dish cloth and then dry with a soft cloth. Do not use glass cleaner or a glass scraper.
Door panels	Hot soapy water: Clean with a dish cloth and then dry with a soft cloth. Do not use a glass scraper or a stainless steel scouring pad.
Door handle	Hot soapy water: Clean with a dish cloth and then dry with a soft cloth. If descaler comes into contact with the door handle, wipe it off immediately. Otherwise, any stains will not be able to be removed.
Appliance interior	
Enamelled surfaces	Hot soapy water or a vinegar solution: Clean with a dish cloth and then dry with a soft cloth. Soften baked-on food residues with a damp cloth and soapy water. Use stainless steel wire wool or oven cleaner to remove stubborn dirt. Leave the cooking compartment open to dry after cleaning. Using the cleaning function gives the best results. ⟶ *"Cleaning function" on page 20* **Note:** Food residues can cause white deposits to form. These are harmless and do not affect how the appliance works. Remove using lemon juice if required.
Glass cover for the interior lighting	Hot soapy water: Clean with a dish cloth and then dry with a soft cloth. If the cooking compartment is heavily soiled, use oven cleaner.
Door cover	made from stainless steel: Use stainless steel cleaner. Follow the manufacturers' instructions. Do not use stainless steel care products. made from plastic: Clean using hot soapy water and a dish cloth. Dry with a soft cloth. Do not use glass cleaner or a glass scraper. Remove the door cover for cleaning.
Rails	Hot soapy water: Soak and clean with a dish cloth or brush.
Pull-out system	Hot soapy water: Clean with a dish cloth or a brush. Do not remove the lubricant while the pull-out rails are pulled out – it is best to clean them when they are pushed in. Do not clean in the dishwasher.
Accessories	Hot soapy water: Soak and clean with a dish cloth or brush. If there are heavy deposits of dirt, use a stainless steel scouring pad.

Notes
- Slight differences in colour on the front of the appliance are caused by the use of different materials, such as glass, plastic and metal.
- Shadows on the door panels, which look like streaks, are caused by reflections made by the interior lighting.
- Enamel is baked on at very high temperatures.This can cause some slight colour variation. This is normal and does not affect operation.
  The edges of thin trays cannot be completely enamelled. As a result, these edges can be rough. This does not impair the anti-corrosion protection.

Keeping the appliance clean

Always keep the appliance clean and remove dirt immediately so that stubborn deposits of dirt do not build up.

⚠ Warning – Risk of fire!
Loose food remnants, fat and meat juices may catch fire. Before using the appliance, remove the worst of the food remnants from the cooking compartment, heating elements and accessories.

Tips
- Clean the cooking compartment after each use. This will ensure that dirt cannot be baked on.
- Always remove flecks of limescale, grease, starch and albumin (e.g. egg white) immediately.
- Use the universal pan for baking very moist cakes.
- Use suitable ovenware for roasting, e.g. a roasting dish.

Cleaning function

The cooking compartment can be cleaned effortlessly with the “Pyrolytic system” cleaning function. The cooking compartment is heated to an extremely high temperature. This burns off residues from roasting, grilling and baking.

You can choose from three cleaning cycles.

Cycle	Cleaning performance	Length of cycle
1	Gentle	Approx. 1 hour and 15 minutes
2	Medium	Approx. 1 hour and 30 minutes
3	Intensive	Approx. 2 hours

The dirtier the cooking compartment and the longer the dirt has been there, the more powerful the cleaning cycle should be. It is sufficient to clean the cooking compartment every two to three months. You can clean it more frequently if necessary. Cleaning requires approx. 2.5-4.8 kilowatt hours.

Notes
- For safety reasons, the appliance door locks automatically once a certain temperature is reached. You will not be able to open it again until the lock symbol 🔒 on the display has gone out.
- The interior lighting will not come on while the appliance is being cleaned.

⚠ Warning
Risk of burns!
- The cooking compartment becomes extremely hot during the cleaning function. Never open the appliance door. Allow the appliance to cool down. Keep children away from the appliance.
- ⚠ The appliance will become very hot on the outside during the cleaning function. Never touch the appliance door. Allow the appliance to cool down. Keep children away from the appliance.

Before running the cleaning function

Make sure that the cooking compartment is empty. Remove any accessories, cookware or shelf rails from the cooking compartment. Please see the relevant section for information on how to remove the rails.
→ *"Rails" on page 22*

Clean the appliance door and along the edges of the cooking compartment in the area around the seal. Do not scrub or remove the seal.

⚠ Warning
Risk of fire!

- Loose food remnants, fat and meat juices may catch fire when the cleaning function is in progress. Before you start the cleaning function, always remove the worst of the food residues and remnants from the cooking compartment.Do not use the cleaning function for cleaning accessories.
- The appliance will become very hot on the outside during the cleaning function. Never hang combustible objects, e.g. tea towels, on the door handle. Do not place anything against the front of the appliance. Keep children away from the appliance.

Setting the cleaning function

Make sure you follow all the preparation instructions before setting the cleaning function.

The length of time each cleaning cycle runs for has been preset and cannot be changed.

1. Use the function selector to set Pyrolytic self-clean.
2. Use the temperature selector to set the cleaning cycle.
   The length of each cycle will appear on the display.

The cleaning function will start in a few seconds. The remaining time will count down on the display.

Ventilate the kitchen while the cleaning function is running.

The appliance door will lock shortly after the programme starts running. The symbol will appear on the display.

An audible signal will sound when the cleaning function has finished. The time on the display will be zero. Switch the appliance off by turning the function selector to the "Off" position.

You will not be able to open the appliance door again until the cooking compartment has cooled down sufficiently and the lock symbol on the display has gone out.

Delaying the end time

You can delay the end time if required. Before starting, touch the button until the "End" symbol is highlighted on the display. Use the **+** button to delay the end time.

The appliance will switch to standby after it is started.

Changing and cancelling

The power of the cleaning cycle cannot be changed once it has started.

The end time can be changed while the appliance is on standby.

If you would like to cancel the cleaning function, switch the appliance off by turning the function selector to the "Off" position.

The appliance door will remain locked until the cooking compartment has cooled down sufficiently and the lock symbol on the display has gone out.

After running the cleaning function

Allow the cooking compartment to cool down. Use a damp cloth to wipe off the ash that has been left behind in the cooking compartment and around the appliance door.

Hook the rails back in.

Note: Very bad soiling may cause white deposits to remain on the enamel surfaces. This is residue from the food and is harmless. It does not affect performance. You can remove these residues using lemon juice if required.

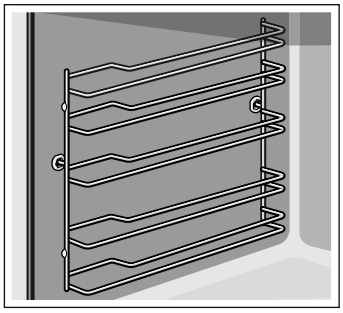
Rails

With good care and cleaning, your appliance will retain its appearance and remain fully functional for a long time to come. This will tell you how to remove the shelves and clean them.

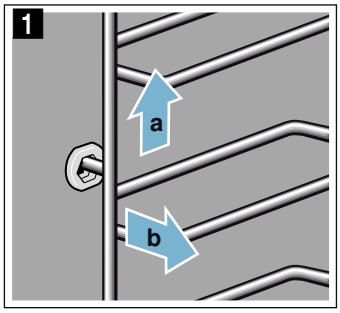
Detaching and refitting the rails

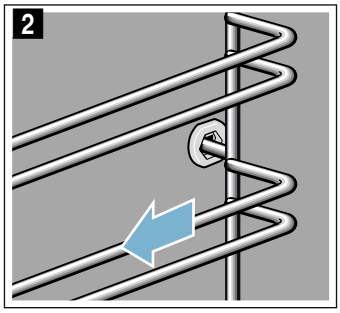
⚠ Warning – Risk of burns!
The rails become very hot. Never touch the hot rails. Always allow the appliance to cool down. Keep children away from the appliance.

Detaching the rails



1. Lift the rail slightly at the front **a** and detach it **b** (figure 1).
2. Then pull the whole rail towards you and take it out (figure 2).



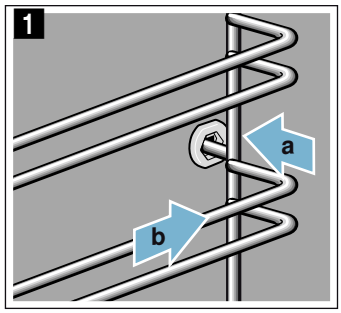


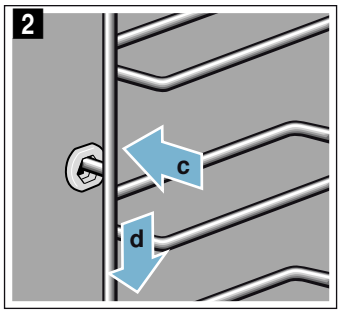
Clean the rails with cleaning agent and a sponge. For stubborn deposits of dirt, use a brush.

Attaching the rails

The rails only fit on the right or the left side. For both rails, ensure that the curved rods are at the front.

1. First, insert the rail in the middle of the rear socket **a**, until the rail rests against the cooking compartment wall, and push it back **b** (figure 1).
2. Then insert the rail into the front socket **c**, until the rail also rests against the cooking compartment wall here, and press it downwards **d** (figure 2).





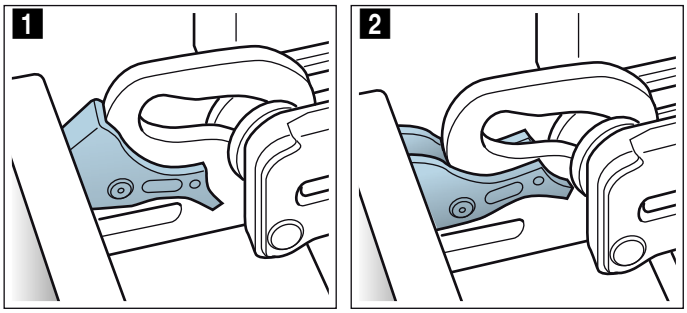
Appliance door

With good care and cleaning, your appliance will retain its appearance and remain fully functional for a long time to come. This will tell you how to remove the appliance door and clean it.

Removing and fitting the appliance door

For cleaning purposes and to remove the door panels, you can detach the appliance door.

The appliance door hinges each have a locking lever. When the locking levers are closed (figure 1), the appliance door is secured in place. It cannot be detached.
When the locking levers are open in order to detach the appliance door (figure 2), the hinges are locked. They cannot snap shut.

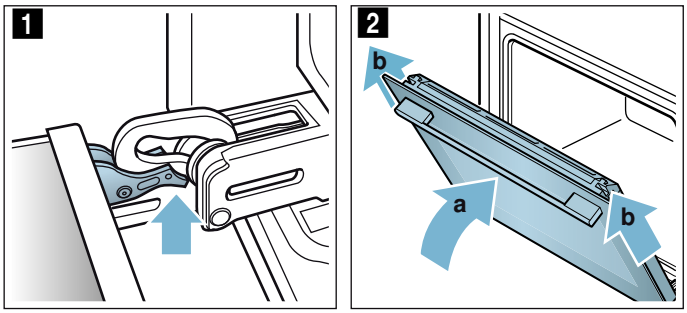


Warning
Risk of injury!

- If the hinges are not locked, they can snap shut with great force. Ensure that the locking levers are always fully closed or, when detaching the appliance door, fully open.
- The hinges on the appliance door move when opening and closing the door, and you may be trapped. Keep your hands away from the hinges.

Removing the appliance door

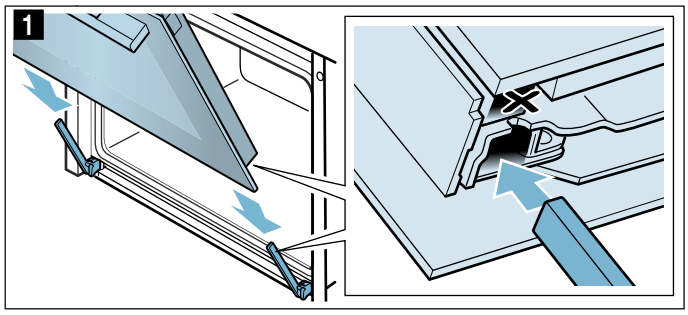
1. Open the appliance door fully and push it in the direction of the appliance.
2. Fold up the two locking levers on the left and right (figure 1).
3. Close the appliance door as far as it goes **a**. With both hands, grip the door on the left- and right-hand side and pull it up and out (figure 2).



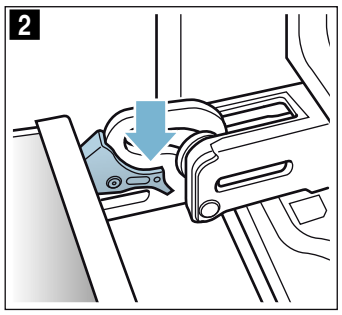
Fitting the appliance door

Reattach the appliance door in the opposite sequence to removal.

1. When attaching the appliance door, ensure that both hinges are inserted straight into the opening (figure 1).
   Place both hinges at the bottom on the outer panel and use this as a guide.
   Ensure that the hinges are inserted into the correct opening. You must be able to insert them easily and without resistance. If you can feel any resistance, check that the hinges are inserted into the correct opening.



2. Open the appliance door fully. Fold both locking levers closed again (figure 2).

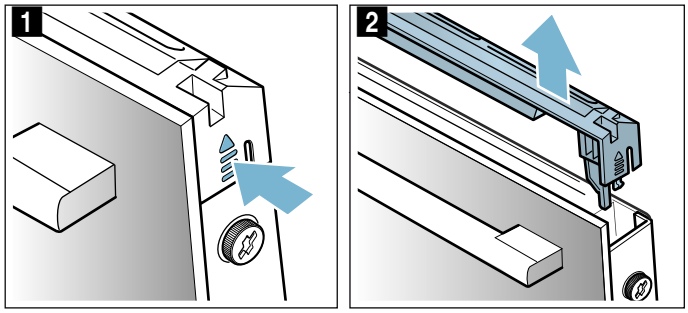


3. Close the cooking compartment door.

Removing the door cover

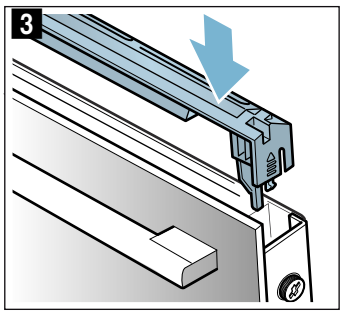
The stainless steel inlay in the door cover may become discoloured. To carry out thorough cleaning, you can remove the cover. ⟶ *"Cleaning" on page 19*

1. Open the appliance door slightly.
2. Press on the right and left side of the cover (figure 1).
3. Remove the cover (figure 2).
   Close the appliance door carefully.



Note: Clean the stainless steel inlay in the cover with stainless steel cleaner. Clean the rest of the door cover with soapy water and a soft cloth.

4. Open the appliance door again slightly. Put the cover back in place and press on it until it clicks audibly into place (figure 3).



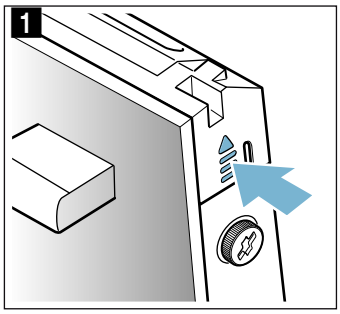
5. Close the appliance door.

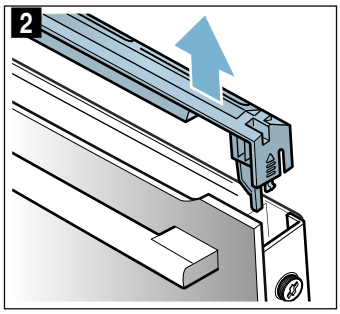
Removing and installing the door panels

To facilitate cleaning, you can remove the glass panels from the appliance door.

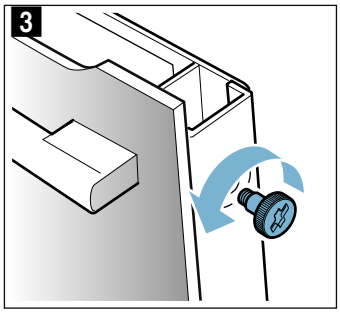
Removing the door from the appliance

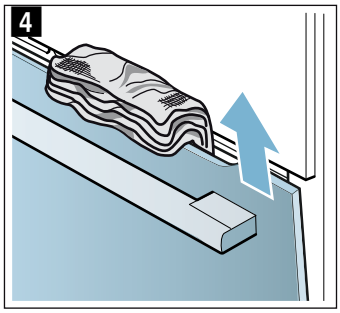
1. Open the appliance door slightly.
2. Press on the right and left side of the cover (figure 1).
3. Remove the cover (figure 2).



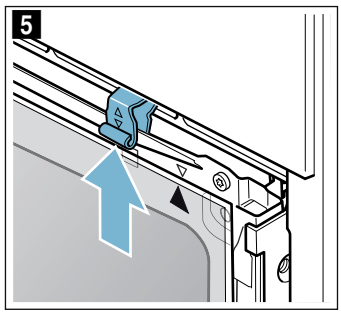


4. Loosen and remove the screws on the left and right of the appliance door (figure 3).
5. Before closing the door again, trap a tea towel which has been folded several times in the door (figure 4). Pull out the front panel upwards and lay it on a flat surface with the door handle facing downwards.





6. Push both retainers on the intermediate panel upwards, but do not remove it (figure 5). Hold the panel with one hand. Remove the panel.



Clean the panels with glass cleaner and a soft cloth.

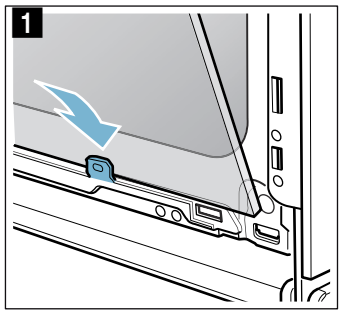
⚠ Warning
Risk of injury!

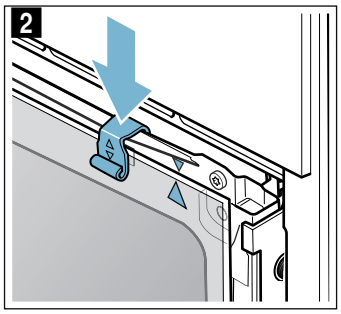
- Scratched glass in the appliance door may develop into a crack. Do not use a glass scraper, sharp or abrasive cleaning aids or detergents.
- The hinges on the appliance door move when opening and closing the door, and you may be trapped. Keep your hands away from the hinges.

Fitting the door on the appliance

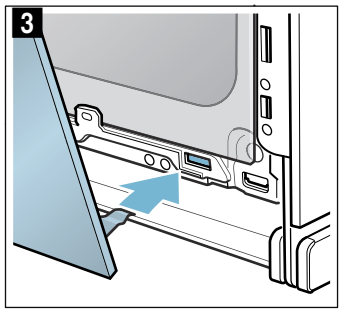
When fitting the intermediate panel, make sure that the arrow is in the top right of the panel and that it aligns with the arrow on the metal panel.

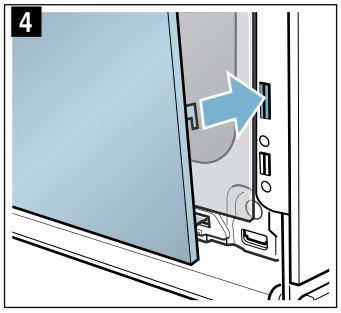
1. Insert the intermediate panel at the bottom into the retainer and push it in firmly at the top (figure 1).
2. Push both retainers downwards (figure 2).



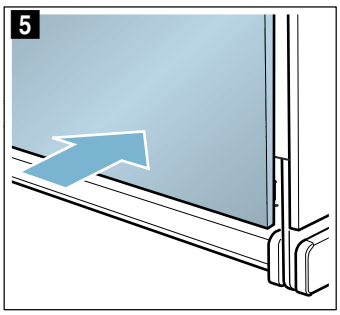


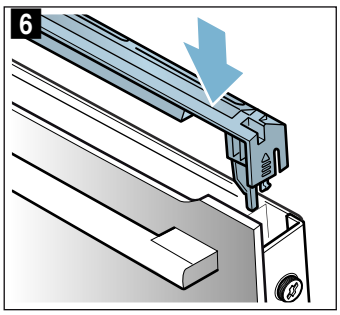
3. Insert the front panel at the bottom into the retainers (figure 3).
4. Close the front panel until both upper hooks are opposite the opening (figure 4).





5. Press the front panel at the bottom until it clicks audibly into place (figure 5).
6. Open the appliance door again slightly and remove the tea towel.
7. Screw both screws back in on the left and right.
8. Put the cover back in place and press on it until it clicks audibly into place (figure 6).





9. Close the appliance door.

Caution!
Do not use the cooking compartment again until the panels have been correctly fitted.

Trouble shooting

If a fault occurs, there is often a simple explanation. Before calling the after-sales service, please refer to the fault table and attempt to correct the fault yourself.

Rectifying faults yourself

You can often easily rectify technical faults with the appliance yourself.

If a dish does not turn out exactly as you wanted, you can find useful cooking tips and instructions at the end of this instruction manual. ⟶ *"Tested for you in our cooking studio" on page 31*

Fault	Possible cause	Notes/remedy
The appliance is not working.	Defective circuit breaker.	Check the circuit breaker in the fuse box.
	Power failure	Check whether the kitchen light or other kitchen appliances are working.
The time is flashing on the display.	Power failure.	Reset the time.
The settings on the appliance cannot be configured. A key symbol has lit up on the display or SAFE.	The child-proof lock is activated.	Deactivate the childproof lock by pressing and holding the button with the key symbol for approx. 4 seconds.
The appliance door will not open. A key symbol has lit up on the display.	The appliance door is locked with the child-proof lock.	Deactivate the childproof lock by pressing and holding the button with the key symbol for approx. 4 seconds. The lock can be switched off in the basic settings.
The appliance door will not open. A lock symbol has lit up on the display.	The appliance door is locked by the cleaning function.	Wait until the cooking compartment has cooled down and the lock symbol has gone out.
The appliance is not heating. The colon is flashing on the display. On some appliances, a d will also appear on the display.	Demo mode is activated.	Briefly disconnect the appliance from the mains (switch off the circuit breaker in the fuse box) and then deactivate demo mode within approx. 5 minutes by changing the basic setting c 13 or cb to 0. ⟶ *"Basic settings" on page 17*

⚠ Warning – Risk of electric shock!
Incorrect repairs are dangerous. Repairs may only be carried out and damaged power cables replaced by one of our trained after-sales technicians. If the appliance is defective, unplug the appliance from the mains or switch off the circuit breaker in the fuse box. Contact the after-sales service.

Error messages on the display

If an error message with "E" appears on the display, e.g. E05-32, touch the ◷ button. This will reset the error message. Reset the time, if necessary.

If the fault was a one-off, you can continue to use your appliance as normal. If the error message appears again, call our after-sales service and quote the exact error message and the E no. of your appliance.
⟶ *"Customer service" on page 27*

Maximum operating time

If you do not change the settings on your appliance for several hours, the appliance will stop heating automatically. This prevents unintentional continuous operation.

When the maximum operating time is reached depends on the various different settings that have been configured on the appliance.

Maximum operating time reached
F8 appears on the display.

Turn the function selector to the "Off" position. You can configure new settings if required.

Tip: To prevent the appliance from switching off when you do not want it to, e.g. with an extremely long cooking time, you should always set a cooking time. The appliance will heat up until the set cooking time has elapsed.

Replacing the bulb in the top of the cooking compartment

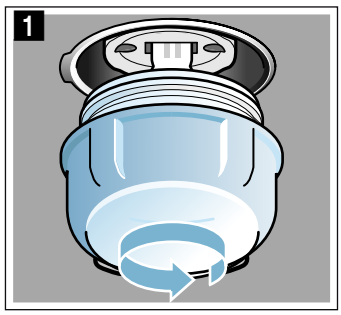
If the cooking compartment light bulb fails, it must be replaced. Heat-resistant, 25 watt, 230 V halogen bulbs are available from the after-sales service or specialist retailers.

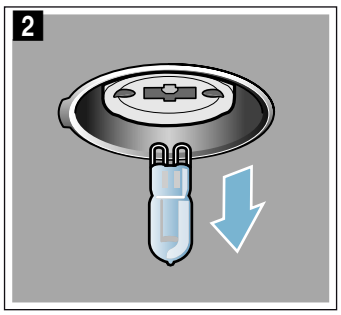
When handling the halogen bulb, use a dry cloth. This will increase the service life of the bulb. Only use these bulbs.

⚠ Warning – Risk of electric shock!
When replacing the cooking compartment bulb, the bulb socket contacts are live. Before replacing the bulb, unplug the appliance from the mains or switch off the circuit breaker in the fuse box.

⚠ Warning – Risk of burns!
The appliance becomes very hot. Never touch the interior surfaces of the cooking compartment or the heating elements. Always allow the appliance to cool down. Keep children at a safe distance.

1. Place a tea towel in the cold cooking compartment to prevent damage.
2. Turn the glass cover anti-clockwise to remove it (figure 1).
3. Pull out the bulb – do not turn it (figure 2).
   Insert the new bulb, making sure that the pins are in the correct position. Push the bulb in firmly.





4. Screw the glass cover back on.
   Depending on the appliance model, the glass cover may have a sealing ring. If the glass cover has a sealing ring, put it back in place before screwing the cover back on.
5. Remove the tea towel and switch on the circuit breaker.

Customer service

Our after-sales service is there for you if your appliance needs to be repaired. We will always find an appropriate solution, also in order to avoid after-sales personnel having to make unnecessary visits.

E number and FD number

When calling us, please quote the full product number (E no.) and the production number (FD no.) so that we can provide you with the correct advice. The rating plate bearing these numbers can be found when you open the appliance door.
If your appliance operates with steam, you will find the rating plate on the right-hand side behind the panel.

To save time, you can make a note of the numbers for your appliance and the telephone number of the after-sales service in the space below in case you need them.

E no.		**FD no.**	

After-sales service ☏	

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

Please find the contact data of all countries in the enclosed customer service list.

To book an engineer visit and product advice

GB 0344 892 8979
Calls charged at local or mobile rate.

IE 01450 2655
0.03 € per minute at peak. Off peak 0.0088 € per minute.

Rely on the professionalism of the manufacturer. You can therefore be sure that the repair is carried out by trained service technicians who carry original spare parts for your appliances.

Programmes

You can prepare food very easily using the various programmes. Simply select a programme and the appliance will apply the optimal settings for you.

To achieve good results, the cooking compartment must not be too hot. Allow the cooking compartment to cool before starting the programme.

Cookware

Follow the instructions provided by the cookware manufacturer.

Suitable cookware:
Use cookware that is heat-resistant up to 300 °C.

Glass or glass ceramic cookware is best. The grill can heat through the glass lid and the roast will become nice and crispy on the outside.

Roasting dishes made from stainless steel are not ideal.Their shiny surface reflects a high proportion of the radiated heat.The food will brown less readily and the meat will be less well done. If you are using a stainless steel roasting dish, remove the lid once the programme has come to an end. Grill the meat at grill setting 3 for an additional 8 to 10 minutes.

The food will brown more quickly from below if you use a roasting dish made of enamelled steel, cast iron or die-cast aluminium.Add a little more liquid.

Tip: If the gravy is too light or too dark, add less or more liquid next time.

Unsuitable cookware:
Cookware made of bright, shiny aluminium, unglazed clay or plastic, and cookware with plastic handles, is not suitable.

Size of the cookware:
The roast should cover around two thirds of the cookware base.This will ensure that you get good meat juices.

The distance between the meat and the lid should be at least 3 cm. The meat may expand as it roasts.

Preparing food

Use frozen products straight from the freezer. For meat dishes, use fresh food, ideally at fridge temperature.

Tip: Very lean meat will remain more succulent if it is covered with rashers of bacon.

Weigh your food. You need the weight in order to set the programme. Always round up to the nearest weight.

Place the cookware onto the wire rack. Always place the ovenware into the cooking compartment without preheating it.

Programmes

When the roast is ready, it can be left to rest for an additional 10 minutes in the cooking compartment with the appliance switched off and the door closed. This allows for better distribution of the meat juices.

Note: . The weight range is deliberately limited.For very large items of food, there is often no suitable cookware available, meaning that the cooking result would not be what was expected.

Programme		Food	Cookware	Add liquid	Shelf position	Set weight	Notes
01	**Pizza**, thin-crust	Frozen, prebaked	Universal pan with grease-proof paper	No	3	Total weight	The cooking compartment must be cold to begin with. For a second pizza, follow the instructions on the packaging.
02	**Pizza**, deep-pan	Frozen, prebaked	Universal pan with grease-proof paper	No	3	Total weight	The cooking compartment must be cold to begin with. For a second pizza, follow the instructions on the packaging.
03	**Lasagne**	Frozen	Original packaging	No	3	Total weight	-
04	**Chips**	Frozen	Universal pan with grease-proof paper	No	3	Total weight	Spread out on the universal pan.
05	**Prebaked bread rolls**	Frozen, prebaked	Universal pan with grease-proof paper	No	3	Total weight	-
06	**Potato gratin**	-	Ovenproof dish without lid	No	2	Total weight	-
07	**Pasta bake**	With precooked pasta	Ovenproof dish without lid	No	2	Total weight	-
08	**Baked potatoes**, whole	Unpeeled, starchy potatoes	Universal pan	No	3	Total weight	-
09	**Stew**, with vegetables	Vegetarian	Deep roasting dish with lid	As per recipe	2	Total weight	Cut vegetables that take longer to cook (e.g. carrots) into smaller pieces than vegetables that take less time to cook (e.g. tomatoes)
10	**Stew**, with meat	-	Deep roasting dish with lid	As per recipe	2	Total weight	Do not sear the meat beforehand
11	**Goulash**	Diced beef or pork with vegetables	Deep roasting dish with lid	As per recipe	2	Total weight	Place the meat at the bottom and cover with vegetables. Do not sear the meat beforehand
12	**Fish**, whole	Ready to cook, seasoned	Roasting dish with lid	Cover the bottom of the roasting dish	2	Fish weight	-
13	**Chicken**, not stuffed	Ready to cook, seasoned	Roasting dish with glass lid	No	2	Chicken weight	Place in the cookware with the breast at the top
14	**Chicken pieces**	Ready to cook, seasoned	Roasting dish with lid	Cover the bottom of the roasting dish	2	Weight of the heaviest piece	-

Programme		Food	Cookware	Add liquid	Shelf position	Set weight	Notes
15	**Turkey breast**	Whole, seasoned	Roasting dish with glass lid	Cover the bottom of the roasting dish, and add up to 250 g vegetables if you wish	2	Turkey breast weight	-
16	**Duck**, unstuffed	Ready to cook, seasoned	Roasting pan without lid	No	2	Duck weight	-
17	**Goose**, unstuffed	Ready to cook, seasoned	Roasting pan without lid	No	2	Goose weight	-
18	**Pot-roasted beef**	E.g. forerib, shoulder, rump or marinated beef roast	Roasting dish with lid	Cover the bottom of the roasting dish, and add up to 250 g vegetables if you wish	2	Meat weight	Do not sear the meat beforehand
19	**Sirloin**, medium	Ready to cook, seasoned	Roasting pan without lid	No	2	Meat weight	Do not sear the meat beforehand; place in the cookware fatty side up
20	**Beef olives**	Stuffed with vegetables or meat	Roasting dish with lid	Add stock, water or another liquid to the dish until the beef olives are almost covered	2	Total weight of all the stuffed beef olives	Do not sear the meat beforehand
21	**Meat loaf,** fresh	Minced beef, pork or lamb	Roasting dish with lid	No	2	Roast weight	Do not sear the meat beforehand
22	**Leg of lamb**, medium	Boned, seasoned	Roasting dish with lid	Cover the bottom of the roasting dish, and add up to 250 g vegetables if you wish	2	Meat weight	Do not sear the meat beforehand
23	**Leg of lamb**, well done	Boned, seasoned	Roasting dish with lid	Cover the bottom of the roasting dish, and add up to 250 g vegetables if you wish	2	Meat weight	Do not sear the meat beforehand
24	**Joint of veal**, marbled	E.g. saddle or topside	Roasting dish with lid	Cover the bottom of the roasting dish, and add up to 250 g vegetables if you wish	2	Meat weight	Do not sear the meat beforehand
25	**Joint of veal**, lean	E.g. tenderloin or eye	Roasting dish with lid	Cover the bottom of the roasting dish, and add up to 250 g vegetables if you wish	2	Meat weight	Do not sear the meat beforehand
26	**Haunch of roe venison**	Boned, seasoned with salt	Roasting dish with lid	Cover the bottom of the roasting dish, and add up to 250 g vegetables if you wish	2	Meat weight	-
27	**Rabbit**, whole	Ready to cook, seasoned inside	Roasting dish with glass lid	Cover the bottom of the roasting dish, and add up to 250 g vegetables if you wish	2	Meat weight	-
28	**Shoulder of pork**	Boned, seasoned	Roasting dish with glass lid	Cover the bottom of the roasting dish, and add up to 250 g vegetables if you wish	2	Meat weight	Do not sear the meat beforehand
29	**Joint of pork**, with crackling	E.g. shoulder, seasoned, and scored rind	Roasting dish with glass lid	Cover the bottom of the roasting dish, and add up to 250 g vegetables if you wish	2	Meat weight	Place in the cookware fatty side up; salt the rind well
30	**Fillet of pork**	Seasoned	Roasting dish with glass lid	Cover the bottom of the roasting dish, and add up to 250 g vegetables if you wish	2	Meat weight	Do not sear the meat beforehand

Setting a programme

The appliance chooses the optimal heating function and the time and temperature setting. All you need to do is set the weight.

The weight can only be set within defined limits.

1. Set the function selector to Programmes 🍴.
2. Use the + or − button to set the required programme.
3. Using the temperature selector, set the weight of your food.

The programme will start after a few seconds.The cooking time will count down on the display.

Once the programme has ended, an audible signal will sound. The cooking time will be zero on the display.

If the food has been cooked to your liking, switch the appliance off by turning the function selector to the "Off" position.

Programme duration

You can find out how long the programme you have set is going to take. Before starting, touch the ◷ button until the "Duration" symbol is highlighted on the display. Touch the ◷ button again until the programme or weight is displayed again.

You cannot change the preset duration of a programme.

Extending the cooking time

Once the programme and the audible signal stop, you can touch the + button to set a new cooking time. The appliance will resume heating using the programme settings.

Note: You can extend the cooking time as many times as required.

If the food has been cooked to your liking, switch the appliance off by turning the function selector to the "Off" position.

Setting a later end time

With some programmes, you can set a later end time. Before starting, touch the ◷ button until the "End" symbol is highlighted on the display. Use the + button to delay the end time.

The appliance switches to standby after it is started.

Changing and cancelling

Once the appliance is started, the programme number and the weight cannot be changed.

The end time can be changed while the appliance is on standby.

If you would like to cancel the programme, switch the appliance off by turning the function selector to the "Off" position.

Tested for you in our cooking studio

Here, you can find a selection of dishes and the ideal settings for them. We will show you which type of heating and temperature are best suited to your dish. You will get information on suitable cooking accessories and the height at which they should be placed in the oven. You will also get tips about cookware and preparation methods.

Note: A lot of steam can build up in the cooking compartment when cooking food.
Your appliance is very energy-efficient and radiates very little heat to its surroundings during operation. Due to the high difference in temperature between the appliance interior and the external parts of the appliance, condensation may build up on the door, control panel or adjacent kitchen cabinet panels. This is a normal physical phenomenon. Condensation can be reduced by preheating the oven or opening the door carefully.

General information

Recommended setting values

The table lists the optimal heating type for various types of food. The temperature and cooking time are dependent on the quantity of food and the recipe. Settings ranges are indicated for this reason. Try using the lower values to start with. A lower temperature will result in more even browning. You can use a higher setting next time if necessary.

Note: Cooking times cannot be reduced by using higher temperatures. The food would only be cooked on the outside, but would not be fully baked in the middle.

The setting values apply to food that is placed into a cold cooking compartment. By doing so, you can make energy savings of up to 20 per cent. If you preheat the oven, you can reduce the indicated baking times by several minutes.

Preheating is necessary for selected food, and this is indicated in the table. Do not place your food or accessories into the cooking compartment until it has finished preheating.

If you wish to follow one of your own recipes when baking, you should use the setting values listed for similar food in the table as reference. Additional information can be found in the baking tips listed after the settings tables.

Remove unused accessories from the cooking compartment. This will ensure that you achieve the best possible cooking results and energy savings of up to 20 per cent.

Gentle hot air heating function

If you wish to use the gentle hot air heating function, make sure that the cooking compartment is cold and empty before you place your food inside. Always keep the appliance door closed when cooking. Only cook on one level when using this function.

Baking on one level

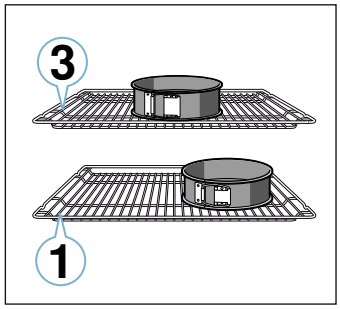
When baking on one level, use the following shelf positions:
- Tall baked goods or tin on wire rack: Level 2
- Flat baked goods or goods in a baking tray: Level 3

Baking on two or more levels

Use hot air. Items that are placed in the oven on baking trays or in baking tins/dishes at the same time will not necessarily be ready at the same time.
Baking on two levels:
- Universal pan: Position 3
  Baking tray: Position 1
- Baking tins/dishes on the wire rack
  First wire rack: Position 3
  Second wire rack: Position 1

Baking on three levels:
- Baking tray: Position 5
  Universal pan: Position 3
  Baking tray: Position 1

You can cut energy use by up to 45% by preparing items at the same time. Position baking tins/dishes either next to one another or offset on different shelves so that they are not directly one above the other in the cooking compartment.



Accessories

Only use original accessories supplied with your appliance. These have been tailored to the cooking compartment and the operating modes of your appliance.

Ensure that you always use suitable accessories and that they are placed in the oven the right way around.
→ *"Accessories" on page 11*

Greaseproof paper

Only use greaseproof paper that is suitable for the selected temperature. Always cut greaseproof paper to size.

Cakes and pastries

Your appliance offers you a range of heating types for the preparation of cakes and small baked items. You can find the ideal settings for many dishes in the settings tables.

Also refer to the notes in the section on allowing dough to rise.

Baking tins

For optimal cooking results, we recommend using dark-coloured metal baking tins.

Tinplate baking tins, ceramic dishes and glass dishes extend baking time and mean that the baked item will not brown evenly.

If you are using silicone moulds, follow the manufacturer's instructions and recipes. Silicone moulds are often smaller than normal baking tins. Quantity and recipe specifications may vary.

Frozen products

Do not use frozen products that are heavily frosted. Remove any ice on the food.

Some frozen products may be unevenly pre-baked. Uneven browning may remain even after baking.

Bread and rolls

Caution!
Never pour water into the hot cooking compartment or place cookware containing water onto the bottom of the cooking compartment. The change in temperature can cause damage to the enamel.

Some food turns out better if it is baked in several stages. These dishes are indicated in the table.

The setting values for bread dough apply to both dough placed on a baking tray and dough placed in a loaf tin.

Cakes in tins

Dish	Accessories/cookware	Shelf position	Heating function	Tempera-ture in °C	Cooking time in mins
Sponge cake, simple	Ring tin/loaf tin	2		140-150	75-85
Basic sponge cake, 2 levels	Ring tin/loaf tin	3+1		140-150	70-85
Sponge cake, delicate	Ring tin/loaf tin	2		150-170	60-80
Sponge flan base	Flan tin	3		160-180	20-30
Fruit tart or cheesecake with shortcrust pastry base	26 cm springform tin	2		170-190	55-80
Tart	Tart dish or tin	1		200-240	25-50
Yeast cake	28 cm springform tin	2		150-160	25-35
Bundt cake	Bundt tin	2		150-170	50-70
3-egg fatless sponge cake	26 cm springform tin	2		160-170	30-35
6-egg fatless sponge cake	28 cm springform tin	2		150-160*	30-40

* Preheat

Cakes on trays

Dish	Accessories/cookware	Shelf position	Heating function	Tempera-ture in °C	Cooking time in mins
Sponge cake with topping	Baking tray	3		160-180	20-45
Sponge cake, 2 levels	Universal pan + baking tray	3+1		140-160	30-55
Shortcrust tart with dry topping	Baking tray	2		170-190	30-45
Shortcrust tart with dry topping, 2 levels	Universal pan + baking tray	3+1		160-170	35-45
Shortcrust tart with moist topping	Universal pan	2		160-180	55-95
Yeast cake with dry topping	Baking tray	3		160-180	15-20
Yeast cake with dry topping, 2 levels	Universal pan + baking tray	3+1		150-170	20-30
Yeast cake with moist topping	Universal pan	3		180-200	30-55
Yeast cake with moist topping, 2 levels	Universal pan + baking tray	3+1		150-170	45-65
Plaited loaf, savarin	Baking tray	2		160-170	35-40
Swiss roll	Baking tray	3		180-200*	10-15
Strudel, sweet	Universal pan	2		190-200	45-60
Strudel, frozen	Universal pan	3		200-220*	35-45

* Preheat

Small baked items

Dish	Accessories/cookware	Shelf position	Heating function	Tempera-ture in °C	Cooking time in mins
Muffins	Muffin tray	2		170-190	20-40
Muffins, 2 levels	Muffin trays	3+1		160-170*	20-45
Small yeast cakes	Baking tray	3		150-170	20-30
Small yeast cakes, 2 levels	Universal pan + baking tray	3+1		150-170	25-40
Puff pastry	Baking tray	3		170-190*	20-35
Puff pastry, 2 levels	Universal pan + baking tray	3+1		170-190*	25-45
Puff pastry, 3 levels	Baking trays + universal pan	5+3+1		170-190*	25-45
Choux pastry	Baking tray	3		190-210	35-50
Choux pastry, 2 levels	Universal pan + baking tray	3+1		190-210	35-45

* Preheat
** Preheat for 5 mins; do not use rapid heat-up function

Biscuits

Dish	Accessories/cookware	Shelf position	Heating function	Tempera-ture in °C	Cooking time in mins
Viennese whirls	Baking tray	3		140-150**	25-40
Whirls, 2 levels	Universal pan + baking tray	3+1		140-150**	25-35
Viennese whirls, 3 levels	Baking trays + universal pan	5+3+1		130-140**	40-55
Biscuits	Baking tray	3		140-160	15-25
Biscuits, 2 levels	Universal pan + baking tray	3+1		140-160	15-25
Biscuits, 3 levels	Baking trays + universal pan	5+3+1		140-160	15-25
Meringue	Baking tray	3		80-90*	120-150
Meringue, 2 levels	Universal pan + baking tray	3+1		90-100*	100-150
Macaroons	Baking tray	3		90-110	20-30
Macaroons, 2 levels	Universal pan + baking tray	3+1		90-110	20-35
Macaroons, 3 levels	Baking trays + universal pan	5+3+1		90-110	30-40

* Preheat
** Preheat for 5 mins; do not use rapid heat-up function

Bread and rolls

Dish	Accessories/cookware	Shelf posi-tion	Heating function	Step	Tempera-ture in °C	Cooking time in mins
Bread, 750 g (in a loaf tin or free-form)	Universal pan or loaf tin	2		-	180-200	60-70
Bread, 1000 g (in a loaf tin or free-form)	Universal pan or loaf tin	2		-	200-220	35-50
Bread, 1500 g (in a loaf tin or free-form)	Universal pan or loaf tin	2		-	180-200	60-70
Flatbread	Universal pan	3		-	240-250	20-25
Bread rolls, sweet, fresh	Baking tray	3		-	150-160*	25-35
Bread rolls, sweet, fresh, 2 levels	Universal pan + baking tray	3+1		-	150-170*	15-25
Bread rolls, fresh	Baking tray	3		-	180-200	20-30
Toast with topping, 4 slices	Wire rack	3		-	200-220	15-20
Toast with topping, 12 slices	Wire rack	3		-	220-240	15-25

* Preheat

Pizza, quiche and savoury cakes

Dish	Accessories/cookware	Shelf position	Heating function	Tempera-ture in °C	Cooking time in mins
Pizza, fresh	Baking tray	3		190-210	20-30
Pizza, fresh, 2 levels	Universal pan + baking tray	3+1		180-200	30-40
Pizza, fresh, thin-crust	Pizza tray	2		250-270*	8-13
Pizza, chilled	Wire rack	3		190-210	10-15
Pizza, frozen, thin-crust, x 1	Wire rack	2		190-210	15-20
Pizza, frozen, thin-crust, x 2	Universal pan + wire rack	3+1		190-210	20-25
Pizza, frozen, deep-pan, x 1	Wire rack	3		180-200	20-25
Pizza, frozen, deep-pan, x 2	Universal pan + wire rack	3+1		190-210	25-30
Mini pizzas	Universal pan	3		180-200	15-20
Savoury cakes in a tin	28 cm springform tin	2		170-190	50-60
Quiche	Tart dish or tin	2		190-210	25-35
Pierogi	Ovenproof dish	2		170-190	65-75
Empanadas	Universal pan	2		180-200	35-50
Börek	Universal pan	1		180-200	40-50

* Preheat

Baking tips

You want to find out whether the baked item is completely cooked in the middle.	Push a cocktail stick into the highest point on the baked item. If the cocktail stick comes out clean with no dough residue, the baked item is ready.
The baked item collapses.	Next time, use less liquid. Alternatively, set the temperature 10 °C lower and extend the baking time. Adhere to the specified ingredients and preparation instructions in the recipe.
The baked item has risen in the mid-dle but is lower around the edge.	Only grease the base of the springform cake tin. After baking, loosen the baked item carefully with a knife.
The fruit juice overflows.	Next time, use the universal pan.
Small baked items stick to one another during baking.	There should be a gap of approx. 2 cm around each item. This gives enough space for the baked items to expand well and brown on all sides.
The baked item is too dry.	Set the temperature 10 °C higher and shorten the baking time.
The baked item is too light in colour overall.	If the shelf position and the accessories are correct, then you should increase the temperature if necessary or extend the baking time.
The baked item is too light on top, and too dark underneath.	Bake the cake one level higher in the oven the next time.
The baked item is too dark on top, and too light underneath.	Bake the cake one level lower in the oven the next time. Select a lower temperature and extend the baking time.
The baked item is too dark in a tin or loaf tin.	Place the baking tray in the middle of the accessory, not directly against the back wall.
The baked item is too dark in colour overall.	Select a lower temperature next time and extend the baking time if necessary.
The baked item is unevenly browned.	Select a slightly lower temperature. Protruding greaseproof paper can affect the air circulation. Always cut greaseproof paper to size. Ensure that the baking tin does not stand directly in front of the openings in the cooking compartment back wall. When baking small items, you should use similar sizes and thicknesses wherever possible.
You were baking on several levels. The items on the top baking tray are darker than those on the lower baking tray.	Always select hot air when baking on several levels. Baked items that are placed into the oven on trays or in baking tins at the same time will not necessarily be ready at the same time.

The baked item looks good, but is not cooked properly in the middle.	Use a lower temperature and bake slightly longer; if necessary, add slightly less liquid. For baked items with a moist topping, bake the base first. Sprinkle it with almonds or breadcrumbs and then place the topping on top.
The baked item cannot be turned out of the dish when it is turned upside down.	Allow the baked item to cool down for 5 to 10 minutes after baking. If it still sticks, carefully loosen it around the edges again using a knife. Turn the baked item upside down again and cover it several times with a cold, wet cloth. Next time, grease the baking tin and sprinkle with breadcrumbs.

Bakes and gratins

Your appliance offers you a range of heating types for preparing bakes. You can find the ideal settings for many dishes in the settings tables.

How well cooked a bake is will depend on the size of the cookware and the depth of the bake.

Use wide, shallow cookware for bakes and gratins. In deep, narrow cookware, food requires more time to cook, and the top will be darker.

Always use the indicated shelf positions.

You can prepare dishes on one level using a baking tin/ dish or the universal pan.
- Baking tins/dishes on the wire rack: Level 2
- Universal pan: Level 3

By preparing several dishes at the same time, you can make energy savings of up to 45 per cent. Position baking tins/dishes next to one another in the cooking compartment.

Dish	Accessories/cookware	Shelf position	Heating function	Temperature in °C	Cooking time in mins
Bake, savoury, cooked ingredients	Ovenproof dish	2		200-220	30-60
Bake, sweet	Ovenproof dish	2		170-190	40-60
Potato gratin, raw ingredients, 4 cm deep	Ovenproof dish	2		150-170	60-80
Potato gratin, raw ingredients, 4 cm deep, 2 levels	Ovenproof dish	3+1		150-160	65-80

Poultry, meat and fish

Your appliance offers you a range of heating types for preparing poultry, meat and fish. You can find the ideal settings for certain dishes in the settings tables.

Roasting on the wire rack

Roasting on the wire rack is particularly well suited for larger poultry or for multiple pieces at the same time.

Slide the universal pan into the oven at the indicated shelf position with the wire rack attached. Ensure that the wire rack is correctly positioned on the universal pan. ⟶ *"Accessories" on page 11*

Pour up to ½ litres of water into the universal pan, depending on the size and type of the roast. Any dripping liquid is caught. You can make a sauce from these juices. In addition, less smoke is generated, and the cooking compartment stays cleaner.

Roasting in cookware

⚠ Warning – Risk of injury caused by shattering glass!
Place hot glass cookware on a dry mat after cooking. If the surface is damp or cold, the glass may crack.

⚠ Warning – Risk of scalding!
Very hot steam may escape when opening the lid after cooking. Lift the lid at the rear, so that the hot steam can escape away from you.

Only use cookware which is suitable for use in an oven. Glass cookware is best. Check whether the cookware fits in the cooking compartment.

Shiny roasting dishes made from stainless steel or aluminium reflect heat like a mirror and are therefore not particularly suitable. The poultry, meat and fish cooks slower and does not brown so well. Use a higher temperature and/or a longer cooking time.

Observe the manufacturer's instructions for your roasting cookware.

Uncovered cookware
To cook poultry, meat and fish, it is best to use a deep roasting tin. Place the tin onto the wire rack. If you do not have any suitable cookware, use the universal pan.

Covered cookware
When cooking with covered cookware, the cooking compartment remains considerably cleaner. Ensure that the lid fits well and closes properly. Place the cookware onto the wire rack.

Poultry, meat and fish can also become crispy in a covered roasting dish. Simply use a roasting dish with a glass lid and set a higher temperature.

Grilling

Keep the appliance door closed when using the grill. Never grill with the appliance door open.

Place the food to be grilled on the wire rack. In addition, slide the universal pan in at least one shelf position lower, with the slanted edge facing the appliance door. Any dripping fat will be caught.

When grilling, try wherever possible to use pieces of food which are of a similar thickness and weight. This will allow them to brown evenly and remain succulent and juicy. Place the food to be grilled directly onto the wire rack.

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.

Do not add salt to the meat until it has been grilled. Salt draws water from the meat.

Notes

- The grill element switches itself continuously on and off; this is normal. The grill setting determines how frequently this occurs.
- Smoke may be produced when grilling.

Meat thermometer

Depending on your appliance's features, you may have a meat thermometer. You can cook accurately using a meat thermometer. Read important notes on using the meat thermometer in the corresponding chapter. There, you can find notes on inserting the meat thermometer, the possible heating types and additional information.

Recommended setting values

The setting values are based on the assumption that unstuffed, chilled, ready-to-roast poultry, meat or fish is placed into a cold cooking compartment.

In the table, you can find specifications for poultry, meat and fish with default values for the weight. If you wish to prepare heavier poultry, meat or fish, always use the lower temperature. If roasting several joints, use the weight of the heaviest piece as a basis for determining the cooking time. The individual pieces should be approximately equal in size.

The larger the poultry, meat or fish is, the lower the cooking temperature and the longer the cooking time.

Turn the poultry, meat and fish after approx. ½ to ⅔ of the indicated time.

Poultry

For duck or goose, pierce the skin on the underside of the wings. This allows the fat to run out.

If using duck breast, score the skin. Do not turn duck breasts.

When you turn poultry, ensure that the breast side or the skin side is underneath at first.

Poultry will turn out particularly crispy and brown if you baste it towards the end of the roasting time with butter, salted water or orange juice.

Meat

Baste lean meat with fat as required or cover it with strips of bacon.

When roasting, add a little liquid if the meat is lean. A covering of approx. ½ cm depth should be applied to the base of any glass cookware.

Score the rind crosswise. If you turn the joint when cooking, ensure that the rind is underneath at first.

When the joint is ready, turn off the oven and allow it to rest for another 10 minutes in the cooking compartment. This allows the meat juices to be better distributed. Wrap the joint in aluminium foil if necessary. The recommended resting time is not included in the cooking time indicated.

It is more convenient to roast and braise meat in cookware. You can take the joint out of the cooking compartment more easily in the cookware, and prepare the sauce in the cookware itself.

The quantity of liquid is dependent on the type of meat, the cookware material and also on whether or not a lid is used. If preparing meat in an enamelled or dark metal roasting dish, it will need a little more liquid than if cooked in glass cookware.

The steam evaporates in the cookware when roasting. Carefully pour in more liquid if required.

The distance between the meat and the lid should be at least 3 cm. The meat may rise.

If necessary, braise the meat first by searing it. Add water, wine, vinegar or a similar liquid to the braising liquid. A covering approx. 1-2 cm deep should be applied to the base of the cookware.

Fish

Fish cooked whole does not have to be turned. Place the whole fish into the cooking compartment in swimming position with the dorsal fin facing upwards. Placing half a potato or a small oven-proof container in the stomach cavity of the fish will provide stability.

You can tell when the fish is cooked because the dorsal fin can be removed easily.

When stewing, add two to three tablespoons of liquid and a little lemon juice or vinegar into the cookware.

Poultry

Dish	Accessories/cookware	Shelf position	Heating function	Temperature in °C	Cooking time in mins
Chicken, 1.3 kg	Wire rack	2		200-220	60-70
Small chicken portions, 250 g each	Wire rack	3		220-230	30-35
Chicken goujons, nuggets, frozen	Universal pan	3		190-210	20-25
Duck, 2 kg	Wire rack	2		180-200	90-110
Duck breast, medium, 300 g each	Wire rack	3		210-230	35-40
				3	3-5
Goose, 3 kg	Wire rack	2		140	130-140
				160	50-60
Goose legs, 350 g each	Wire rack	2		150-160	150-160
Small turkey, 2.5 kg	Wire rack	2		180-200	75-90
Turkey breast, boned, 1 kg	Cookware, covered	2		240-260	80-100
Turkey thigh, with bone, 1 kg	Wire rack	2		180-200	80-100

* Preheat for 5 mins

Meat

Dish	Accessories/cookware	Shelf position	Heating function	Step	Temperature in °C	Cooking time in mins
Joint of pork without rind, e.g. neck, 1.5 kg	Cookware, uncovered	2		-	160-170	150-160
Joint of pork with rind, e.g. shoulder, 2 kg	Cookware, uncovered	2		-	180-190	160-180
Pork tenderloin steak, 1.5 kg	Cookware, uncovered	2		-	190-200	100-110***
Pork steaks, 2 cm thick	Wire rack	4		-	3	20-25**
Fillet of beef, medium, 1 kg	Cookware, uncovered	3		-	210-220	40-50**
Pot-roasted beef, 1.5 kg	Cookware, uncovered	2		-	200-220	130-150
Sirloin, medium, 1.5 kg	Cookware, uncovered	3		-	200-220	60-70
Burger, 3-4 cm thick	Wire rack	4		-	3	25-30
Joint of veal, 1.5 kg	Cookware, uncovered	2		-	160-180	140-160
Knuckle of veal, 1.5 kg	Cookware, uncovered	2		-	200-220	125-140
Leg of lamb, boned, medium, 1.5 kg	Cookware, uncovered	2		-	170-190	70-80***
Saddle of lamb on the bone, medium, 1.5 kg	Wire rack	2		-	180-190	45-55***
Grilled sausages	Wire rack	3		-	3	15-20
Meat loaf, 1 kg	Cookware, uncovered	2		-	170-180	70-80

* Preheat
** Slide the universal pan in underneath at shelf position 2
*** Do not turn

Fish

Dish	Accessories/cookware	Shelf position	Heating function	Temperature in °C	Cooking time in mins
Fish, grilled, whole, 300 g, e.g. trout	Wire rack	2		160-180	20-30
Fish, grilled, whole, 1.5 kg, e.g. salmon	Wire rack	2		170-190	30-40**
Fish fillet, cutlet, grilled, 2-3 cm thick	Wire rack	4		3	12-22**
Fish fillet, braised, plain, 2-3 cm thick	Cookware, covered	2		170-190	35-45
Fish, braised, whole, 300 g, e.g. trout	Cookware, covered	2		170-190	40-50
Fish, braised, whole, 1.5 kg, e.g. salmon	Cookware, covered	2		190-210	50-60

* Preheat
** Slide the universal pan in underneath at shelf position 2

Tips on roasting and braising

The cooking compartment becomes very dirty.	Prepare your food in an enclosed roasting dish with higher temperature or use the grill tray. You will achieve the best roasting results if you use the grill tray. The grill tray can be bought later as a special accessory.
The roast is too dark and the crackling is burned in places, and/or the roast is too dry.	Check the shelf position and temperature. Select a lower temperature the next time and reduce the roasting time if necessary.
The crackling is too thin.	Increase the temperature or switch on the grill briefly at the end of the roasting time.
The roast looks good but the juices are burnt.	Next time, use a smaller roasting dish and add more liquid if necessary.
The roast looks good but the juices are too clear and watery.	Next time, use a larger roasting dish and add less liquid if necessary.
The meat gets burned during braising.	The roasting dish and lid must fit together well and close properly. Reduce the temperature and add more liquid when braising if necessary.

Vegetables and side dishes

Here, you can find information for preparing grilled vegetables, potatoes and frozen potato products.

Adhere to the specifications in the table.

Dish	Accessories/cookware	Shelf position	Heating function	Temperature in °C	Cooking time in mins
Grilled vegetables	Universal pan	5		3	10-15
Baked potatoes, halved	Universal pan	3		160-180	45-60
Potato products, frozen, e.g. chips, croquettes, potato pockets, rösti	Universal pan	3		200-220	25-35
Chips, 2 levels	Universal pan + baking tray	3+1		190-210	30-40

Desserts

You can make your own soufflés and yogurt using your appliance.

Soufflés

You can also prepare soufflés in a water bath in the universal pan. To do so, slide the universal pan in at level 2.

Yogurt

Remove accessories and shelves from the cooking compartment. The cooking compartment must be empty.

1. Heat 1 litre of milk (3.5 % fat) to 90 °C on the hob and then cool down to 40 °C.
   It is sufficient to heat UHT milk to 40 °C.
2. Stir in 150 g (chilled) yogurt.
3. Pour into cups or small jars and cover with cling film.
4. Place the cups or jars onto the cooking compartment floor and set as indicated in the table.
5. After preparation, leave the yogurt to cool in the refrigerator.

Dish	Accessories/cookware	Shelf position	Heating function	Temperature in °C	Cooking time in mins
Yoghurt	Individual moulds	-		40-45	8-9h
Soufflé in individual moulds	Individual moulds	2		160-180	35-45

Acrylamide in foodstuffs

Acrylamide is mainly produced in grain and potato products prepared at high temperatures, such as potato crisps, chips, sliced bread, bread rolls, bread or fine baked goods (biscuits, gingerbread, spiced biscuit).

Tips for keeping acrylamide to a minimum	
General	■ Keep cooking times as short as possible. ■ Cook food until it is golden brown, but not too dark. ■ Large, thick pieces of food contain less acrylamide.
Baking	With top/bottom heating at max. 200 °C. With hot air at max. 180 °C.
Biscuits	With top/bottom heating at max. 190 °C. With hot air at max. 170 °C. Egg or egg yolk reduces the production of acrylamide.
Oven chips	Spread out a single layer evenly on the baking tray. Cook approx. 400-600 g at once on a baking tray so that the chips do not dry out and become crunchy.

Slow cooking

Slow cooking is a technique for cooking food over a long period at low temperatures. For this reason, it is also called "low-temperature cooking".

Slow cooking is ideal for all prime cuts (e.g. tender portions of beef, veal, pork, lamb or poultry) which are to be cooked "à point". The meat will remain succulent and tender.

The benefit of this cooking method is that it allows lots of scope for menu planning because slow-cooked meat is easy to keep warm. You do not have to turn the meat when cooking. Keep the appliance door closed in order to maintain an even cooking climate.

Only use fresh, clean and hygienic meat without bones. Carefully remove sinews and fat from around the edge. Fat develops a strong, distinct taste during slow cooking. You can also use seasoned or marinated meat. Do not use defrosted meat.

Meat can be carved immediately following slow cooking. No standing time is required. Due to the special cooking method, the meat looks pink, but is not raw or undercooked.

The slow cooking temperature and cooking time are dependent on the size, thickness and quality of the meat. For this reason, the table specifies setting ranges.

Note: Delayed-start operation with an end time is not possible when slow cooking.

Cookware

Use shallow cookware, e.g. a glass/porcelain serving dish. Place the cookware into the cooking compartment to preheat it.

Always place the uncovered cookware onto the wire rack at level 2.

You can find additional information in the tips on slow cooking attached to the settings table.

Only start operation when the cooking compartment has fully cooled down. Allow the cooking compartment to warm up for approx. 15 minutes with the cookware inside.

Sear the meat on the hotplate at a very high heat and for a sufficiently long time on all sides, even on the ends. Place into the preheated cookware right away. Place the cookware containing the meat into the cooking compartment once again and cook slowly.

Dish	Accessories/cookware	Shelf position	Heating function	Searing time in mins	Tempera-ture in °C	Cooking time in mins
Duck breast, 300 g each	Cookware, uncovered	2		6-8	95*	60-70
Chicken breast fillet, 200 g each, well done	Cookware, uncovered	2		4	120*	70-80
Turkey breast, boned, 6.5-8.5 cm thick, 1 kg, well done	Cookware, uncovered	2		6-8	120*	140-180
Pork tenderloin steak, 5-6 cm thick, 1.5 kg	Cookware, uncovered	2		6-8	85*	150-210
Fillet of pork, whole	Cookware, uncovered	2		4-6	85*	75-100
Rump steak, 6-7 cm thick, 1.5 kg, well done	Cookware, uncovered	2		6-8	100*	160-220
Fillet of beef, 4-6 cm thick, 1 kg	Cookware, uncovered	2		6-8	85*	90-150
Sirloin, 5-6 cm thick, 1.5 kg	Cookware, uncovered	2		6-8	85*	120-180
Beef medallions/rump steak, 4 cm thick	Cookware, uncovered	2		4	80*	40-80
Flank of veal, 7-10 cm thick, 1.5 kg	Cookware, uncovered	2		6-8	85*	250-310
Fillet of veal, whole	Cookware, uncovered	2		4-6	85*	100-160

* Preheat

Dish	Accessories/cookware	Shelf position	Heating function	Searing time in mins	Tempera-ture in °C	Cooking time in mins
Veal medallions, 4 cm thick	Cookware, uncovered	2		4	80*	50-70
Saddle of lamb, boneless, 200 g each	Cookware, uncovered	2		4	85*	30-70
Leg of lamb, boned, 1 kg, tied	Cookware, uncovered	2		6-8	95*	150-210
* Preheat						

Tips for slow cooking

Slow-cooking duck breast.	Place the cold duck breast into a pan and fry the skin side first. After slow cooking, grill for 3 to 5 minutes until crispy.
The slow-cooked meat is not as hot as conventionally roasted meat.	So that the roasted meat does not cool so quickly, warm the plates and serve the sauces very hot.

Drying

You can achieve outstanding drying results with hot air.With this type of preserving, flavours are concentrated as a result of the dehydration.

Only use unblemished, fresh fruit, vegetables and herbs and wash them thoroughly. Line the wire rack with greaseproof paper or parchment paper. Drain the excess water from the fruit and then dry it.

If necessary, cut it into equal chunks or thin slices. Place unpeeled fruit onto the dish with the sliced surfaces facing upwards. Ensure that neither fruit nor mushrooms overlap on the wire rack.

Grate vegetables and then blanch them.Drain the blanched vegetables thoroughly and spread them evenly on the wire rack.

Dry herbs on the stem. Position the herbs evenly and slightly heaped on the wire rack.

Use the following shelf positions for drying:
- 1 wire rack: Position 3
- 2 wire racks: Positions 3 + 1

Turn very juicy fruit and vegetables several times. After drying, remove the dried fruit and vegetables from the paper immediately.

In the table, you will find settings for drying various foodstuffs. The temperature and drying time are dependent on the type, moisture, ripeness and thickness of the food to be dried.The longer you leave the food to be dried, the better it will be preserved.The thinner the slices are, the quicker the drying process will be and the more flavour the dried food will retain. For this reason, the table specifies setting ranges.

If you wish to dry food that is not listed in the table, you should use similar foodstuffs in the table as a reference.

Fruit, vegetables and herbs	Accessories	Heating function	Tempera-ture in °C	Cooking time in hours
Pomes (apple rings, 3 mm thick, 200 g per wire rack)	1-2 wire racks		80	4-8
Root vegetables (carrots), grated, blanched	1-2 wire racks		80	4-7
Sliced mushrooms	1-2 wire racks		80	5-8
Herbs, prepared	1-2 wire racks		60	2-5

Preserving

You can preserve fruit and vegetables using your appliance.

⚠ Warning – Risk of injury!
If the food is preserved incorrectly, the preserving jars may burst. Follow the instructions for preserving.

Jars
Only use clean and undamaged preserving jars. Only use heat-resistant, clean and undamaged rubber rings. Check clips and clamps in advance.

For each preserving process, only use preserving jars that are the same size and contain the same food. In the cooking compartment, you can preserve the contents of a maximum of six ½, 1 or 1½-litre preserving jars at the same time. Do not use jars that are larger or taller than this. The lids could rupture.

Preserving jars must not touch one another in the cooking compartment during the preserving process.

Preparing fruit and vegetables
Only use fruit and vegetables that are in good condition. Wash them thoroughly.

Peel, core and chop fruit and vegetables appropriate to their type and fill the preserving jars with them up to approx. 2 cm below the rim.

Fruit: Fill the preserving jars with the fruit along with a hot, skimmed sugar solution (approx. 400 ml for a 1-litre jar). For one litre of water:
- Approx. 250 g sugar for sweet fruit
- Approx. 500 g sugar for sour fruit

Vegetables: Fill the jars with the vegetables along with hot, boiled water.

Wipe the rims of the jars, as they must be clean. Place a damp rubber ring and a lid on each jar. Seal the jars with the clips. Place the jars into the universal pan so that they do not touch each other. Pour 500 ml hot water (approx. 80 °C) into the universal pan. Use the settings indicated in the table.

Ending the preserving process
Fruit: After a short while, small bubbles will form at short intervals. Switch off the appliance once all preserving jars are bubbling. Remove the jars from the cooking compartment after the indicated residual heating time.

Vegetables: After a short while, small bubbles will form at short intervals. As soon as all preserving jars are bubbling, reduce the temperature to 120 °C and allow the jars to continue to bubble in the closed cooking compartment as indicated in the table. After this time has elapsed, switch off the appliance and make use of the residual heat for several minutes as indicated in the table.

After preserving, remove the jars from the cooking compartment and place them onto a clean cloth. Do not place these hot jars onto a cold or damp surface, as they may crack. Cover the preserving jars to protect them from draughts. Only remove the clamps once the jars are cold.

The indicated times in the settings table are average values for preserving fruit and vegetables. They may be influenced by room temperature, the number of jars, quantity, heat and quality of the jar contents. The specifications are based on 1-litre round jars. Before you switch off the appliance or change the cooking mode, check whether the contents of the jars are bubbling as they should. The bubbling process starts after approx. 30-60 minutes.

Meal	Accessory/cookware	Shelf position	Heating function	Step	Tempera-ture in °C	Cooking time in mins
Vegetables, e.g. carrots	1-litre preserving jars	1		1.	160-170	Before it starts bubbling: 30-40
				2.	120	Once it starts bubbling: 30-40
				3.	-	Residual heat: 30
Vegetables, e.g. cucumbers	1-litre preserving jars	1		1.	160-170	Before it starts bubbling: 30-40
				2.	-	Residual heat: 30
Stone fruit, e.g. cherries, damsons	1-litre preserving jars	1		1.	160-170	Before it starts bubbling: 30-40
				2.	-	Residual heat: 35
Pomes, e.g. apples, strawberries	1-litre preserving jars	1		1.	160-170	Before it starts bubbling: 30-40
				2.	-	Residual heat: 25

Proving dough

Your yeast dough will prove considerably more quickly using this heating function than at room temperature and will not dry out. Do not start the appliance if the cooking compartment is not completely cool.

Always allow yeast dough to prove twice.Use the settings indicated in the settings tables for the first and second proving stages (dough fermentation stage and final fermentation stage).

Dough fermentation
For the dough fermentation stage, pour 200 ml water onto the cooking compartment floor.

Caution!
Risk of surface damage
- Never pour water into the cooking compartment when the cooking compartment is hot.The temperature change may damage the enamel.
- Do not use distilled water. Use tap water only.

Place the dough into a heat-resistant bowl and place this onto the wire rack. Use the settings indicated in the table.

Do not open the appliance door during the proving process, otherwise moisture will escape. Do not cover the dough.

Condensation builds up during the proving process, which steams up the door panel. Wipe out the cooking compartment after dough proving.Remove any limescale with a little vinegar and wipe with clean water.

Final fermentation
Place your dough into the oven at the shelf position indicated in the table.

If you want to preheat the oven, the final fermentation stage takes place outside the appliance in a warm place.

The temperature and proving time are dependent on the type and quantity of the ingredients. For this reason, the values indicated in the settings table are intended as a guide only.

Dish	Accessories/cookware	Shelf position	Heating function	Step	Temperature in °C	Cooking time in mins
Yeast dough, light	Bowl	2		1.	35-40	25-30
	Universal pan or loaf tin	2		2.	35-40	10-20
Yeast dough, heavy and rich	Bowl	2		1.	35-40	60-75
	Universal pan or loaf tin	2		2.	35-40	45-60

Defrosting

For defrosting frozen fruit, vegetables and baked items. Poultry, meat and fish should ideally be defrosted in the refrigerator. Not suitable for cream cakes or cream gateaux.

Use the following shelf positions when defrosting:
- 1 wire rack: Position 2
- 2 wire racks: Positions 3 + 1

The times indicated in the table are intended as a guide only.They are dependent on the quality, freezing temperature (-18 °C) and composition of the food. Time ranges are indicated.Set the shortest time to begin with, and then extend the time if necessary.

Tip: Food that has been frozen in thinner pieces or in portions defrosts more quickly than food items frozen in a block.

Remove frozen food from its packaging and place it onto the wire rack in suitable cookware.

Redistribute the food or turn it once or twice as it defrosts. Large pieces of food should be turned several times.As the food defrosts, break up any clumps and remove items which have already defrosted from the cooking compartment.

To allow the temperature to equalise, leave the defrosted food to rest for another 10 to 30 minutes in the appliance after switching it off.

Dish	Accessories/cookware	Shelf position	Heating function	Temperature in °C	Cooking time in mins
Bread, general	Baking tray	2		50	40-70
Cake, moist	Baking tray	2		50	70-90
Cake, dry	Baking tray	2		60	60-75

Keeping warm

You can keep cooked dishes warm using the "Keeping warm" heating type. This will avoid condensation developing, and means you will not have to wipe out the cooking compartment.

Do not keep cooked dishes warm for longer than two hours. Be aware that some dishes may continue cooking whilst being kept warm. Cover the dishes if necessary.

Test dishes

These tables have been produced for test institutes to facilitate appliance testing.

As per EN 60350-1.

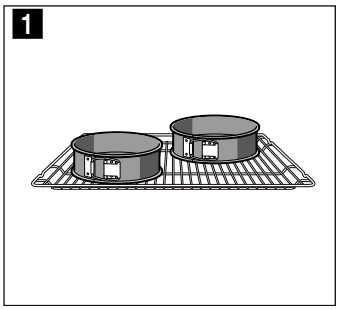
Baking

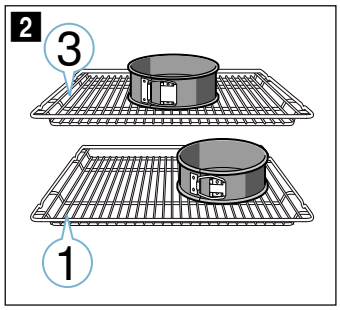
Items that are placed in the oven on baking trays or in baking tins/dishes at the same time will not necessarily be ready at the same time.

Shelf positions for baking on two levels:
- Universal pan: Position 3
  Baking tray: Position 1
- Baking tins/dishes on the wire rack
  First wire rack: Position 3
  Second wire rack: Position 1

Shelf positions for baking on three levels:
- Baking tray: Position 5
- Universal pan: Position 3
- Baking tray: Position 1

Baking with two springform tins:
- On one level (figure 1)
- On two levels (figure 2)





Notes

- The setting values apply to dishes placed into a cold cooking compartment.
- Please note the information in the tables about preheating. The setting values are valid without rapid heating-up.
- For baking, use the lower of the indicated temperatures first.

Grilling

Also slide in the universal pan. The liquid will be caught and the cooking compartment stays cleaner.

Baking

Dish	Accessories/cookware	Shelf position	Heating function	Tempera-ture in °C	Cooking time in min
Viennese whirls	Baking tray	3		140-150*	25-40
Viennese whirls	Baking tray	3		140-150*	20-30
Viennese whirls, 2 levels	Universal pan + baking tray	3+1		140-150*	25-35
Viennese whirls, 3 levels	Baking trays + universal pan	5+3+1		130-140*	40-55
Small cakes	Baking tray	3		150-160*	20-30
Small cakes	Baking tray	3		140-150	30-40
Small cakes, 2 levels	Universal pan + baking tray	3+1		140-150*	25-35
Small cakes, 3 levels	Baking trays + universal pan	5+3+1		140-150*	25-35
Hot water sponge cake	26 cm springform cake tin	2		160-170**	25-35
Hot water sponge cake	26 cm springform cake tin	2		160-170	30-35
Hot water sponge cake, 2 levels	2 x 26 cm springform cake tins	3+1		150-160**	35-50
Double-crusted apple pie	2 x 20 cm black cake tins	2		160-170	70-90
Double-crusted apple pie	2 x 20 cm black cake tins	1		190-210	70-80
Double-crusted apple pie, 2 levels	2 x 20 cm black cake tins	3+1		160-180	70-90

* Preheat for 5 mins; do not use rapid heat-up function

** Preheat; do not use rapid heat-up function

Grilling

Dish	Accessories	Shelf position	Heating function	Tempera-ture in °C	Cooking time in mins
Toast	Wire rack	5		3	5-6*
Beefburgers, x 12	Wire rack	4		3	25-30**

* Do not preheat

** Turn after 2/3 of the total time

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