BOSCH

Register your new device on MyBosch now and get free benefits:
bosch-home.com/welcome

MyBosch

Built-in oven

HBG655H.1A

[en] Instruction manual

Built-in oven

Table of contents

Intended use 4

Important safety information 5
General information 5
Halogen lamp 6
Cleaning function 6

Causes of damage 6
General information 6

Environmental protection 7
Saving energy 7
Environmentally-friendly disposal 7

Getting to know your appliance 8
Control panel 8
Controls 8
Display 9
Operating modes 9
Types of heating 10
Further information 11
Cooking compartment functions 11

Accessories 11
Accessories included 11
Inserting accessories 11
Optional accessories 12

Before using for the first time 13
Initial use 13
Cleaning the cooking compartment and accessories 13

Operating the appliance 14
Switching the appliance on and off 14
Starting the operation 14
Selecting an operating mode 15
Setting the type of heating and temperature 15
Rapid heating 16

Time-setting options 16
Setting the cooking time 16
Setting the end time 17
Setting the timer 18

Childproof lock 18
Activating and deactivating 18

Basic settings 19
Changing the basic settings 19
List of basic settings 19
Power cut 19
Changing the time 19

Sabbath mode 20
Starting Sabbath mode 20

Cleaning 20
Suitable cleaning agents 20
Surfaces in the cooking compartment 21
Keeping the appliance clean 22

Cleaning function 22
Prior to initiating the cleaning function 22
Setting the cleaning function 23
Once the cleaning function has ended 23

Rails 23
Detaching and refitting the rails 23

Appliance door 24
Removing and fitting the appliance door 24
Removing the door cover 24
Removing and installing the door panels 25

Trouble shooting 26
Rectifying faults yourself 26
Maximum operating time 26
Replacing the bulb in the top of the cooking compartment 27
Glass cover 27

Customer service 27
E number and FD number 27

Dishes 28
Information on the setting. 28
Selecting a dish 28
Applying settings for dishes 28

Tested for you in our cooking studio. 29
Silicone moulds 29
Baking 29
Roasting and braising 31
Grilling 34
Convenience products 36
Yogurt 38
Eco heating functions. 38
Acrylamide in foodstuffs. 39
Slow cook 40
Drying. 41
Preserving 41
Prove dough. 42
Defrosting. 43
Keeping warm 43
Test dishes. 44

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 burns!
The bulbs in the cooking compartment become very hot. There is still a risk of burning your skin for some time after they have been switched off. Do not touch the glass cover. Avoid contact with your skin when cleaning.

⚠ 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 burns!
⚠ 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!

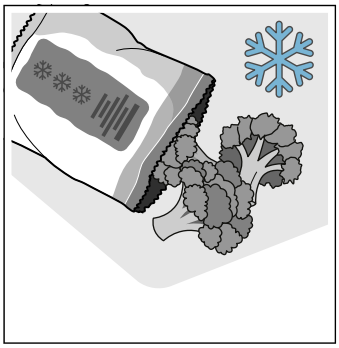
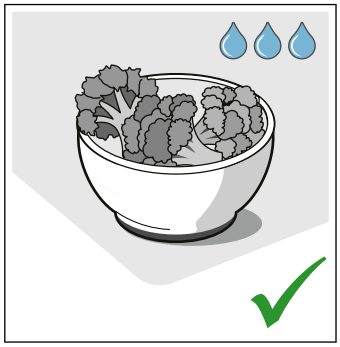
- Accessories, foil, greaseproof paper or ovenware on the cooking compartment floor: do not place accessories on the cooking compartment floor. Do not cover the cooking compartment floor with any sort of foil or greaseproof paper. Do not place ovenware on the cooking compartment floor if a temperature 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 no longer close properly during operation. The fronts of adjacent units could be damaged. Always keep the seal clean.
  → *"Cleaning" on page 20*
- 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

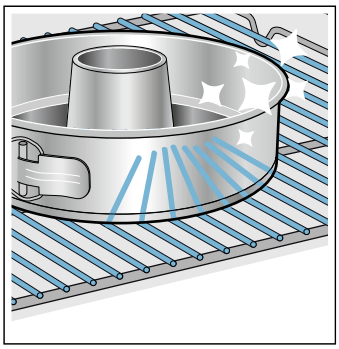
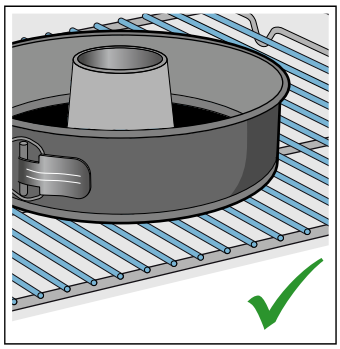
Your new appliance is particularly energy-efficient. Here you can find tips on how to save even more energy when using the appliance, and how to dispose of your appliance properly.

Saving energy

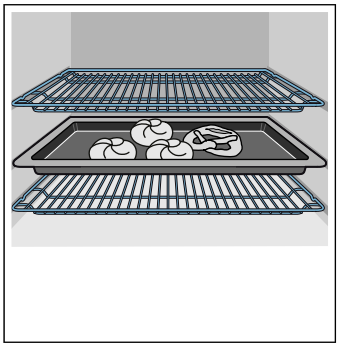
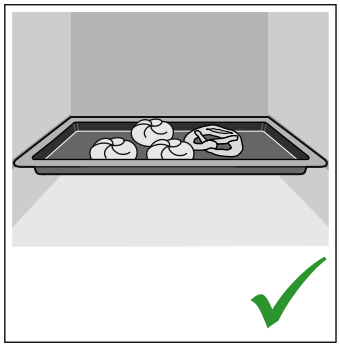
- Only preheat the appliance if this is specified in the recipe or in the tables in the operating instructions.
- Leave frozen food to defrost before placing it in the cooking compartment.

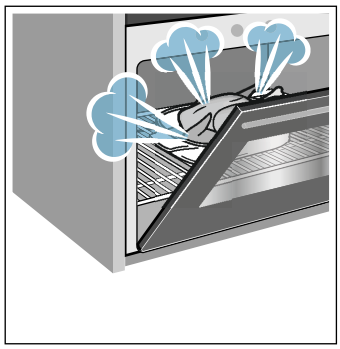
- Use baking tins that are dark-coloured, painted black or have an enamel coating. These absorb the heat particularly well.

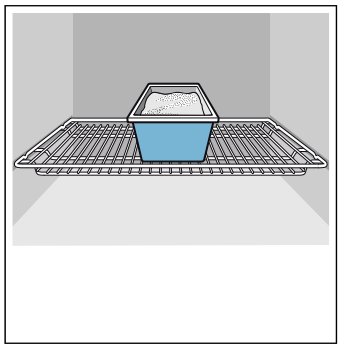
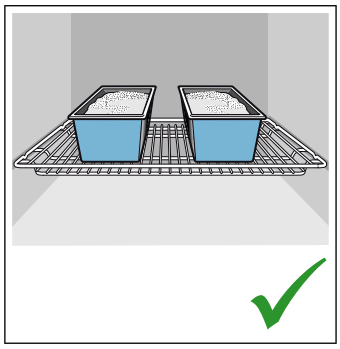
- Remove any unnecessary accessories from the cooking compartment.

- 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

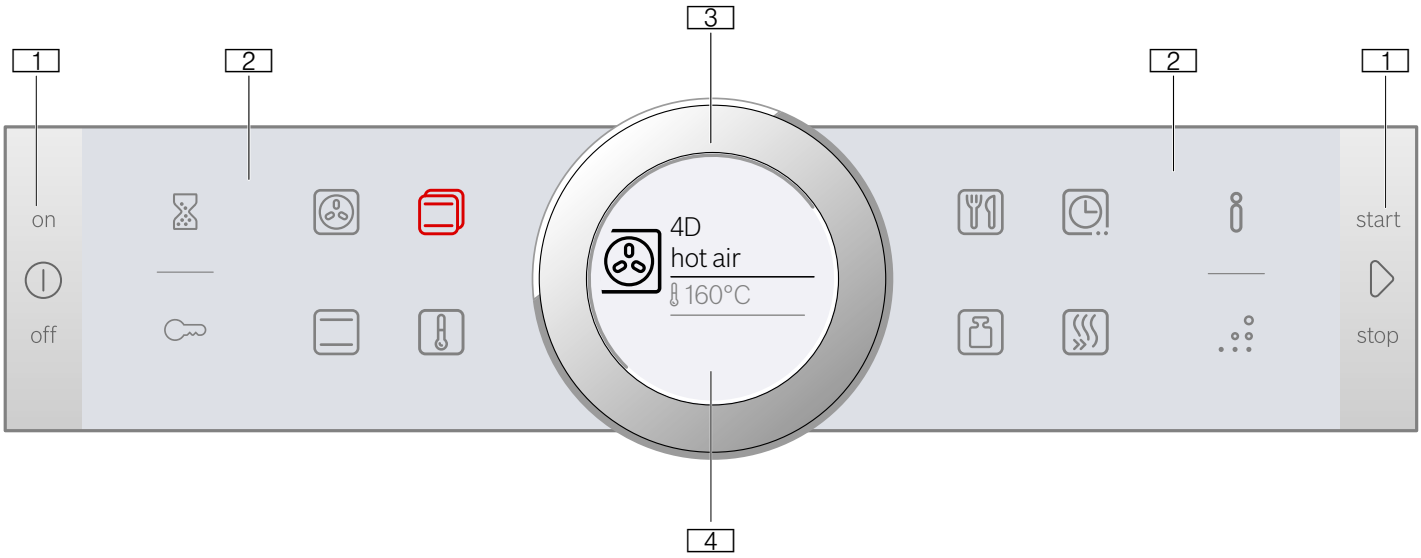
In this chapter, we will explain the indicators and controls. You will also find out about the various functions of your appliance.

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

Control panel

In the control panel, you can use the various buttons, touch fields and the rotary selector to set the different appliance functions. The current settings are shown on the display.

The overview shows the control panel when the appliance is switched on with a selected heating type.



1 **Buttons**
The buttons on the left- and right-hand side of the control panel have a pressure point. Press these buttons to activate them.
For appliances that do not have a stainless steel front, these two button touch fields do not have a pressure point.

2 **Touch fields**
There are sensors under the touch fields. Simply touch the respective symbol to select the function.

3 **Rotary selector**
The rotary selector is fitted so that you can turn it indefinitely to the left or right. Press it lightly and move it in the direction required using your finger.

4 **Display**
You can see the current adjustment values, options or notes in the display.

Controls

The individual controls are adapted for the various functions of your appliance. You can set your appliance simply and directly.

Buttons and touch fields

Here you can find a short explanation of the various buttons and touch fields.

Symbol		Meaning
Buttons		
⏻	on/off	Switching the appliance on and off
▷	Start/Stop	Starting, pausing or cancelling (hold down for approx. 3 secs) an operation
External touch fields		
⧖	Timer	Selects the timer
🔑	Childproof lock	Activating and deactivating (hold down for approx. 4 secs) the childproof lock
i	Information	Display notes Hold down (approx. 3 secs) to call up the basic settings
⁘	EcoClean	Selects the "cleaning function" operating mode
Internal touch fields		
	4D hot air	Selects the "4D hot air" heating type directly
	Top/bottom heating	Selects the "Top/bottom heating" heating type directly
	Heating types	Selects the "heating types" operating mode
	Temperature	Selects the temperature in the cooking compartment
	AutoCook	Selects the operating mode for dishes with cooking programmes
	Weight	Selects the weight for the operating mode for dishes
	Time-setting options	Select time-setting options
	Rapid heating	Starts or cancels Rapid heating for the cooking compartment

The touch field, which has a value on the display that can be changed or displayed in the foreground, lights up red.

Rotary selector

You can use the rotary selector to change the adjustment values shown on the display.

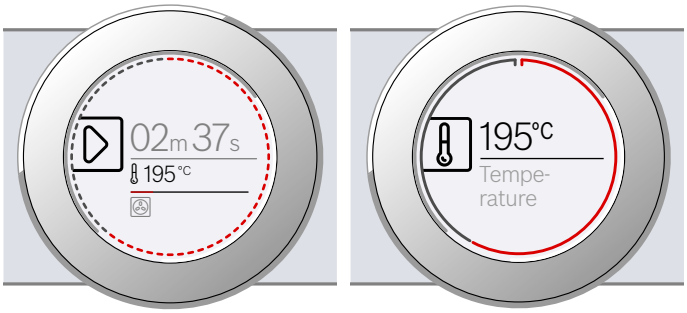
In most selection lists, such as the temperature, you have to turn the rotary selector back the other way if you reach the minimum or maximum value. However, for the heating types for example, the first selection follows the last.

Display

The display is structured so that the information can be read at a glance in any situation.

The value that you can currently set is in focus. It is displayed in white lettering and underlined in white. The value in the background is displayed in grey.

Focus	The value in focus can be changed directly without first being selected. After starting an operation, either the temperature or the level is always in focus. At the same time, the white line is the heating line and gradually turns red.
Enlargement	As you change the value in focus using the rotary selector, only this value is displayed larger.



Display ring

The display ring can be found around the outside of the display.

If you change a value, the display ring shows you where you are in the selection list. Depending on the settings area and length of the selection list, the display ring may be continuous or divided into segments.

During operation, the display ring turns red at second-long intervals. After every full minute, the segments turn red again from the beginning. As the cooking time counts down, one segment disappears every second.

Temperature display

After the operation has started, the current cooking compartment temperature is displayed graphically on the display.

Heating line	The white line under the temperature turns red from left to right as the cooking compartment heats up. When you are preheating the appliance, the optimal time to place the food in the cooking compartment is when the line has completely turned red. For set levels, e.g. the grill setting, the heating line turns red immediately.
Residual heat indicator	When the appliance is switched off, the display ring shows the residual heat in the cooking compartment. As the residual heat cools down, the display ring becomes darker and disappears completely at some point.

Note: Due to thermal inertia, the temperature displayed may be slightly different to the actual temperature inside the oven.

Operating modes

Your appliance has various operating modes which make your appliance easier to use.

You can find more precise descriptions of these in the corresponding sections.

Operating mode	Use
Heating types ⟶ *"Operating the appliance" on page 14*	There are various finely tuned heating types for the optimal preparation of your food.
AutoCook ⟶ *"Dishes" on page 28*	There are preprogrammed setting values which are suitable for many dishes.
EcoClean ⟶ *"Cleaning function" on page 22*	The cleaning function cleans the cooking compartment almost by itself.

Types of heating

To enable you to find the correct type of heating for your dish, we have explained the differences and scopes of application here.

The symbols for each type of heating help you to remember them.

When cooking at very high temperatures, the appliance lowers the temperature slightly after an extended period.

Heating type		Temperature	Use
	4D hot air	30-275 °C	For baking and roasting on one or more levels. The fan distributes heat from the ring heating element in the back panel evenly around the cooking compartment.
	Top/bottom heating	30-300 °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.
eco	Hot air eco	30-275 °C	For gently cooking selected types of food on one level without preheating. The fan distributes the heat from the ring-shaped heating element in the back panel around the cooking compartment. This heating function is most effective between 125 and 275 °C. This heating function is used to measure both the energy consumption in air recirculation mode and the energy efficiency class.
eco	Top/bottom heating eco	30-300 °C	For gently cooking selected types of food. Heat is emitted from above and below. This heating function is most effective between 150 and 250 °C. This heating function is used to measure the energy consumption in the conventional mode.
	Hot air grilling	30-300 °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.
	Grill, large area	Grill settings: 1 = low 2 = medium 3 = high	For grilling flat items for grilling, such as steaks and sausages, for making toast, and for cooking au gratin. The whole area below the grill element becomes hot.
	Grill, small area	Grill settings: 1 = low 2 = medium 3 = high	For grilling small amounts of steaks or sausages, for making toast, and for cooking au gratin. The centre area under the grill heating element becomes hot.
	Pizza setting	30-275 °C	For preparing pizza and dishes which require a lot of heat from underneath. The bottom heating element and the ring heating element in the back panel heat up.
	Slow cooking	70-120 °C	For gentle and slow cooking of seared, tender pieces of meat in ovenware without a lid. The heat is emitted evenly from the top and bottom at low temperatures.
	Bottom heating	30-250 °C	For cooking in a bain marie and for the final baking stage. The heat is emitted from below.
	Defrosting	30-60 °C	For gently defrosting frozen food.
	Keeping warm	60-100 °C	For keeping cooked food warm.
	Preheating ovenware	30-70 °C	For preheating ovenware.

Default values

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

Further information

In most cases, the appliance provides notes and further information on the action just carried out.

Touch the ⓘ field. The note is shown in the display for a few seconds. Use the rotary selector to scroll to the end of longer notes.

Some notes are displayed automatically, for example as confirmation, or to provide an instruction or warning.

Cooking compartment functions

The functions in the cooking compartment make your appliance easier to use. This, for example, enables the cooking compartment to be well lit and a cooling fan to prevent the appliance from overheating.

Opening the appliance door

If you open the appliance door during an on-going operation, the operation is paused. The operation continues to run when you close the door.

Interior lighting

When you open the appliance door, the interior lighting switches on. If the door remains open for longer than around 15 minutes, the lighting switches off again.

For most operating modes, the interior lighting switches on as soon as the operation is started. When the operation has finished, the lighting switches off.

Note: You can set the interior lighting not to come on during the operation in the basic settings. ⟶ *"Basic settings" on page 19*

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 the operation, the cooling fan continues to run for a certain period afterwards.

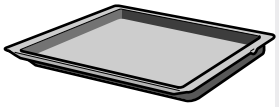
Note: You can change how long the cooling fan continues to run in the basic settings. ⟶ *"Basic settings" on page 19*

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.

Accessories included

Your appliance is equipped with the following accessories:

	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.
	Grill tray Use for grilling in place of the wire rack or as a splatter guard. Only use in the universal pan.

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

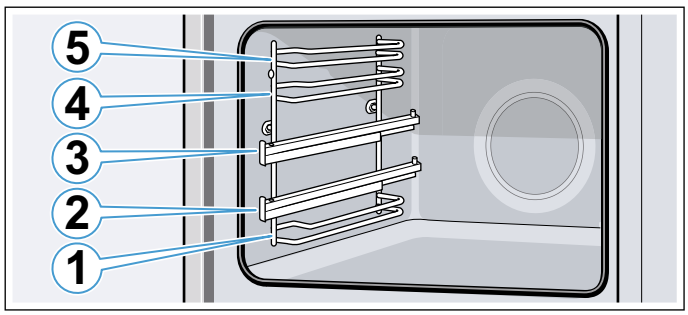
You can buy accessories from the after-sales service, from specialist retailers or online.

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.

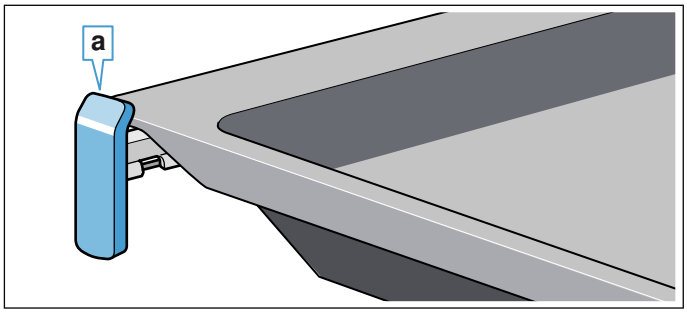


When using shelf positions 1, 4 and 5, always insert the accessory between the two guide bars for a shelf position.

Accessories can be pulled out approximately halfway without tipping. With the pull-out rails at levels 2 and 3, you can pull the accessories out further.

Make sure that the accessory is placed behind the lug **a** on the pull-out rail.

Example in the picture: Universal pan



The pull-out rails lock in place when they are fully pulled out. This makes it easy to place the accessories in position. To unlock, push the pull-out rails back into the cooking compartment with a certain amount of force.

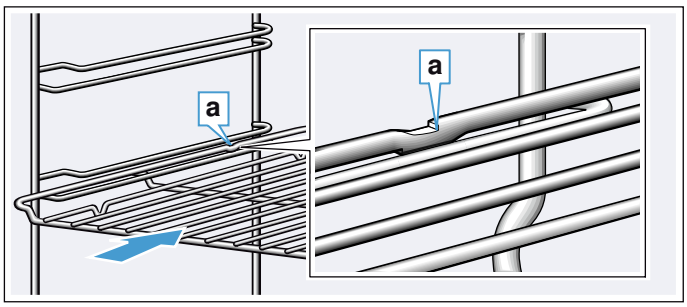
Notes

- 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.

Locking function

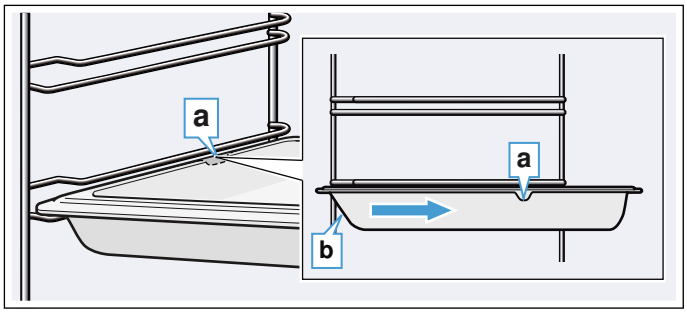
The accessories can be pulled out approximately halfway until they lock in place. The locking function prevents the accessories from tilting when they are pulled out. The accessories must be inserted into the cooking compartment correctly for the tilt protection to work properly.

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

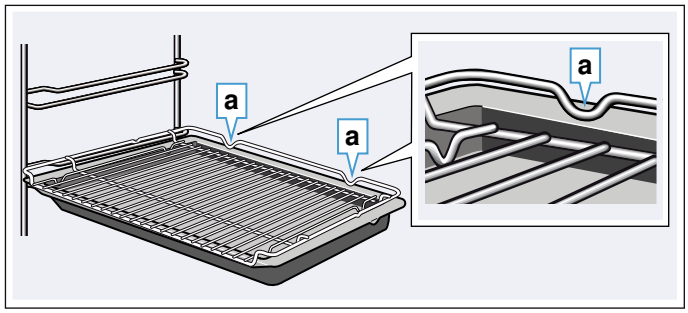


Combining accessories

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 ovenware, cake tins and ovenproof dishes, and for roasts and grilled food.
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.
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, pastries, frozen meals and large roasts. Pastries and roasts can be removed more easily from the universal pan.
Baking tray, non-stick For tray bakes and small baked products. The pastries can be removed more easily from the baking tray.

Profi pan
For preparing large quantities.

Lid for the Profi pan
The lid turns the Profi pan into a Profi 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.Only use in the universal pan.

Bread-baking stone
For home-made bread, bread rolls and pizzas that require a crispy base.
The baking stone must be preheated to the recommended temperature.

Glass roasting dish (5.1 litres)
For stews and bakes.
Particularly suitable for the "Meals" operating mode.

Glass tray
For large roasts, moist cakes and bakes.

Glass tray
For bakes, vegetable dishes and baked goods.

Pull-out system, 1 level
The pull-out rails at level 2 allow you to pull the accessories out further without them tipping.

Pull-out system, 2 levels
The pull-out rails at levels 2 and 3 allow you to pull the accessories out further without them tipping.

Pull-out system, 3 levels
The pull-out rails at levels 1, 2 and 3 allow you to pull the accessories out further without them tipping.

Decorative trims
For concealing the lower shelf of the unit and the base of the appliance.

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

After connecting the appliance to the power or following a power cut, the settings for initial use are shown on the display. It may take a few seconds for the instruction to appear.

Note: You can change these settings at any time in the basic settings. ⟶ *"Basic settings" on page 19*

Selecting the language

The language is the first setting displayed. "German" is the preset language.

1. Turn the rotary selector to set the required language.
2. Press the field to confirm.
   The next setting appears.

Setting the time

The time starts at "12:00".

1. Set the time using the rotary selector.
2. Press the field to confirm.

A note appears on the display confirming that the initial use has been completed. The current time is displayed.

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 remove the new-appliance smell, heat up the cooking compartment when 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 up the appliance, wipe the smooth surfaces in the cooking compartment with a soft, wet cloth. Keep the kitchen ventilated while the appliance is heating up.

Adjust the settings indicated. You can find out how to set the heating type and the temperature in the next section. ⟶ *"Operating the appliance" on page 14*

Settings	
Heating type	4D hot air
Temperature	maximum
Cooking time	1 hour

Switch off the appliance after the indicated cooking time using the ⏻ On/Off button.

After 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 set your appliance. You will learn about what happens when you switch the appliance on and off, and how to select the operating mode.

Switching the appliance on and off

Before you are able to set the appliance, you must switch it on.

Note: The childproof lock and the timer can also be set when the appliance is switched off. Certain displays and notes, such as those relating to the residual heat in the cooking compartment, remain visible on the display after the appliance has been switched off.

Switch off your appliance when you do not need to use it. If no settings are applied for a long time, the appliance switches itself off automatically.

Switching on the appliance

Press the ⏻ On/Off button to switch on the appliance.

All touch fields light up red. The Bosch logo appears on the display, and then the first heating type in the selection list.

Note: In the basic settings, you can specify which operating mode should appear after the appliance is switched on. ⟶ *"Basic settings" on page 19*

Switching off the appliance

Press the ⏻ On/Off button to switch off the appliance.

Any functions that may be running are cancelled.

The time, or if applicable, the residual heat indicator, appears on the display.

Note: In the basic settings, you can set whether the clock should be displayed when the appliance is switched off. ⟶ *"Basic settings" on page 19*

Starting the operation

You must press the ▷ Start/Stop button to start each operation.

After starting the appliance, the time display is shown on the display along with the settings. The display ring and the heating line also appear.

Pausing the operation

You can also interrupt and then continue an operation using the ▷ Start/Stop button.

If you press and hold the ▷ Start/Stop button for approx. 3 seconds, the operation is cancelled and all settings are reset.

Note: The fan may continue to run after an operation has been paused or cancelled.

Selecting an operating mode

Once the appliance is switched on, the default operating mode is displayed. You can start this setting immediately using the ▷ Start/Stop button.

If you want to select a different operating mode, you can find detailed descriptions of these modes in the relevant chapters.

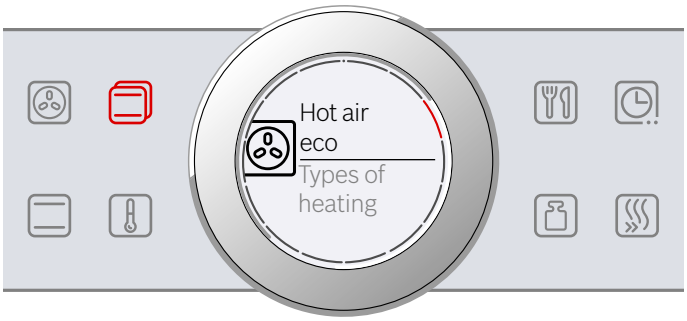
The following always applies:
1. Touch the appropriate field.
   The symbol lights up red.
2. Turn the rotary selector to change the highlighted selection.
3. If necessary, apply other settings.
   To do this, touch the appropriate field and change the value using the rotary selector.
4. Press the ▷ Start/Stop button to start.

The appliance starts the operation.

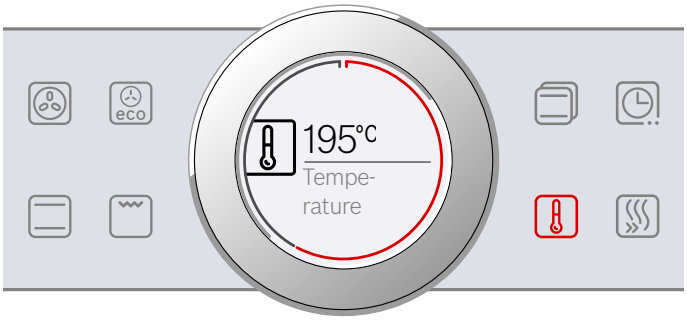
Setting the type of heating and temperature

If the "Types of heating" operating mode has not been selected, touch the ▣ field. The symbol lights up red and the first type of heating with the default temperature appears on the display.

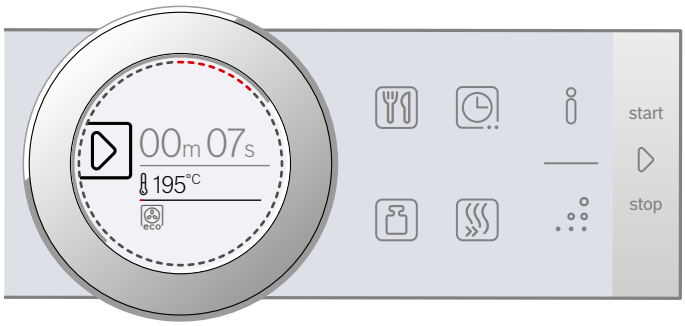
Example in the picture: Hot air eco ⓔ at 195 °C.
1. Set the type of heating using the rotary selector.



2. Touch the 🌡 field.
   The temperature is highlighted white in the display.
3. Set the temperature using the rotary selector.



4. Press the ▷ Start/Stop button to start.
   The time on the display shows how long the operation has already been running.



The appliance begins to heat up.

When your dish is ready, switch off the appliance using the ⏻ On/Off button.

Note: You can set a cooking time and an end time for the operation on the appliance. ⟶ *"Time-setting options" on page 16*

Changing

After starting the appliance, the temperature is highlighted. When you move the rotary selector, the temperature is changed and applied immediately.

To change the type of heating, first press the ▷ Start/Stop button to interrupt the operation and then touch the ▣ field. The first type of heating appears with the corresponding default temperature. Use the rotary selector to change the type of heating.

Note: When you change the type of heating, the other settings are also reset.

Directly selecting types of heating

You can select certain types of heating directly using the touch fields. This makes the appliance even easier and faster to set.

The types of heating that can be set directly are:
- ⓔ 4D hot air
- ▭ Top/bottom heating

Applying settings

1. Touch the field with the required type of heating.
   The temperature is immediately highlighted white.
2. Set the temperature using the rotary selector.
3. Press the ▷ Start/Stop button to start.

The appliance begins to heat up.

Rapid heating

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

The heating types suitable for Rapid heating are:
- 4D hot air
- Top/bottom heating

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

Adjusting settings

Ensure you have selected a suitable heating type and set a temperature of at least 100 °C. Otherwise, Rapid heating cannot be activated.

1. Set the heating type and temperature.
2. Touch the field.

The symbol lights up red. A confirmation note appears on the display.

When Rapid heating comes to an end, an audible signal sounds and a note appears on the display. The symbol is no longer lit up. Place your dish in the cooking compartment.

Note: The "cooking time" time-setting option starts at the same time as Rapid heating. Therefore, only set a cooking time when Rapid heating has come to an end.

Cancelling

To cancel Rapid heating, touch the field again. The symbol is no longer lit up.

Time-setting options

Your appliance has different time-setting options.

Time-setting option	Use
Cooking time	After the set cooking time has elapsed, the appliance ends the operation automatically.
End	Enter a cooking time and the required end time. The appliance starts automatically so that the operation ends at the required time.
Timer	The timer functions like an egg timer. It runs independently from the operation and the other time-setting options. After the set time has elapsed, the appliance does not switch on or off automatically.

You can call up the cooking time and the end time after setting a operation using the field. The timer has a separate field and can be adjusted at any time.

A signal sounds after a cooking time or timed period has elapsed. You can cancel the signal early by touching the field.

Note: You can change how long the signal sounds for in the basic settings. ⟶ *"Basic settings" on page 19*

Setting the cooking time

You can set the cooking time for your dish on the appliance. This means that the cooking time is not unintentionally exceeded and you do not need to interrupt other work in order to end the operation.

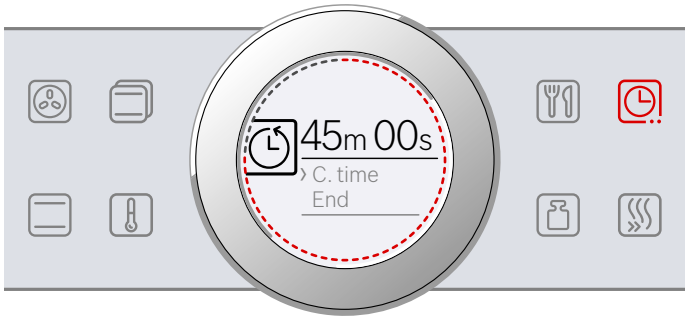
Applying settings

Depending on which direction you turn the rotary selector first, the cooking time starts at a particular default value: Left = 10 minutes, right = 30 minutes.

The cooking time can be set in one-minute increments up to one hour, and then in five-minute increments.

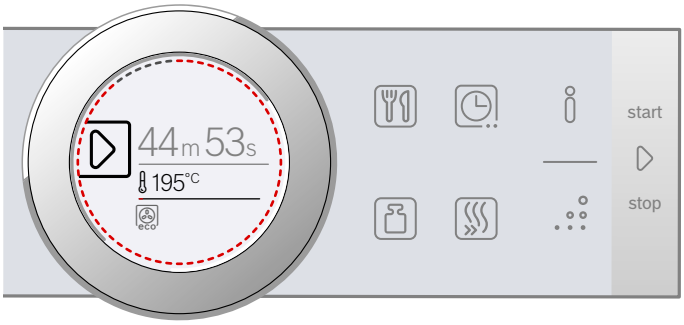
The maximum setting is 23 hours and 59 minutes.

Example in the picture: Cooking time of 45 minutes.
1. Set the operating mode, and temperature or level.
2. Touch the field before starting.
   The cooking time is highlighted white in the display.
3. Turn the rotary selector to set the cooking time.



The value is applied after a few seconds, or touch the field twice. The cooking time is shown on the display under the operating mode and temperature or level.

4. Press the ▷ Start/Stop button to start.
   The cooking time counts down on the display.



The appliance begins to heat up.

Once the cooking time has elapsed, an audible signal sounds. The appliance stops heating. The cooking time 00 m 00 s is shown on the display.

You can set another cooking time using the ◷ field, or continue the operation without a cooking time using the ▷ Start/Stop button.

When your dish is ready, switch the appliance off using the ⏻ On/Off button.

Changing and cancelling

To change the cooking time, touch the ◷ field. The cooking time is highlighted white and can be changed using the rotary selector. Use the ◷ field to accept the change.

If you want to cancel the cooking time, reset the cooking time to zero. After the change has been applied, you can continue the operation without a cooking time using the ▷ Start/Stop button.

Setting the end time

You can delay the time that the cooking time ends. You can, for example, put your dish in the cooking compartment in the morning and set the cooking time so that it is ready at lunch time.

Notes

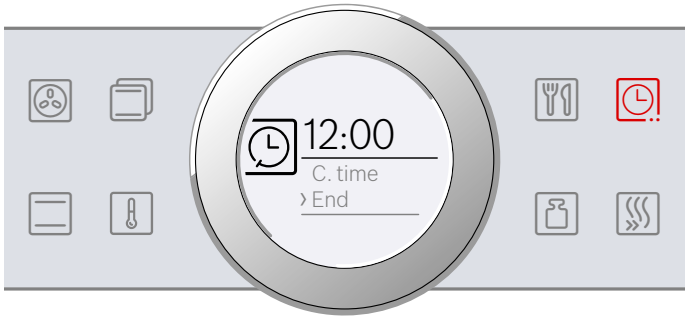
- Ensure that food is not left in the cooking compartment for too long as it may spoil.
- Do not adjust the end time once the operation has started. The cooking result would no longer be satisfactory.

Applying settings

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

Example in the picture: The set cooking time is 45 minutes and the dish should be ready at 12:00.

1. Set the operating mode, and temperature or level.
2. Set the cooking time.
3. Before starting, touch the ◷ field again once.
   The end time is highlighted white in the display.
4. Set a later end time using the rotary selector.



   The value is applied after a few seconds, or touch the ◷ field again. The end time is shown in the display under the operating mode and temperature or level.
5. Press the ▷ Start/Stop button to start.
   The time at which the appliance will start is shown in the display.

The appliance is in standby mode. When the appliance starts, the cooking time counts down on the display.

Once the cooking time has elapsed, an audible signal sounds. The appliance stops heating. The cooking time 00 m 00 s is shown on the display.

You can set another cooking time using the ◷ field, or continue the operation without a cooking time using the ▷ Start/Stop button.

When your dish is ready, switch the appliance off using the ⏻ On/Off button.

Changing and cancelling

To change the end time, interrupt the operation using the ▷ Start/Stop button and then touch the ◷ field twice. The end time is highlighted white and can be changed using the rotary selector. Continue the operation using the ▷ Start/Stop button.

If you want to cancel the end time, reset the end time to zero. You can start the set cooking time immediately using the ▷ Start/Stop button.

Note: The end time can only be changed if the cooking time has not elapsed. Otherwise the cooking result would no longer be satisfactory.

Setting the timer

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

Adjusting settings

The timer duration always starts at zero minutes.

The higher the value, the greater the time steps when setting the timer.

The maximum setting is 24 hours.

1. Touch the ⧖ field.
   The symbol lights up red. On the display, the timer duration is shown in white and in focus.
2. Set the timer duration using the rotary selector.
3. Press the ⧖ field to start.
   Note: After a few seconds, the timer also starts automatically.

The timer duration counts down.

The timer remains visible on the display if the appliance is switched off. When an operation is running, the settings for this operation are shown in the foreground. When you touch the ⧖ field, the timer duration is displayed for a few seconds.

When the timer duration comes to an end, an audible signal sounds and a note appears on the display. The symbol is no longer lit up.

Tip: If the set timer duration relates to the appliance operation, use the cooking time. The time is visible in the foreground and the appliance switches off automatically.

Changing and cancelling

To change the timer duration, touch the ⧖ field. The timer duration is displayed in white and in focus, and can be changed by using the rotary selector.

If you want to cancel the timer, reset the timer duration to zero. Once the change has been applied, the symbol is no longer lit up.

Childproof lock

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

The control panel is locked and no settings can be made. The appliance can only be switched off using the ⏻ On/Off button.

Activating and deactivating

You can activate and deactivate the childproof lock when the appliance is switched on or off.

In each case, press the ⊶ field for approx. 4 seconds.

A confirmation note appears on the display.

The ⊶ field lights up red when the appliance is switched on. The ⊶ field does not light up when the appliance is switched off.

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.

Changing the basic settings

The appliance must be switched off.

1. Touch the i field for approx. 3 seconds.
   Notes on the process appear on the display.
2. Press the field to confirm the notes.
   The first setting "language" appears on the display.
3. Turn the rotary selector to change the setting as required.
4. Touch the field.
   The next setting is shown on the display and can be changed using the rotary selector.
5. Touch the field to go through all the settings and use the rotary selector to make changes as required.
6. When finished, press and hold the i field for approx. 3 seconds to confirm the settings.

A note is shown on the display to confirm that the settings have been saved.

Cancelling

If you do not want to save the settings, you can press the ⏻ On/Off button to cancel. A note is shown on the display to confirm that the settings have not been saved.

List of basic settings

Depending on the features of your appliance, not all basic settings are accessible.

Setting	Options
Language	Additional languages are possible.
Clock	Clock in 24-hour format
Audible signal	Short cooking time (30 sec.) Medium cooking time (1 min.)* Long cooking time (5 min.)
Button tone	Switched on Switched off* (tone remains for ⏻ On/Off)
Display brightness	5 levels
Clock display	Off Digital*
Lighting	Off during operation On during operation*
Childproof lock	Button lock only* Door lock and button lock
Operation after switching on	Types of heating* AutoCook
Night-time darkening	Switched off* Switched on
Brand logo	Display* Do not display
Fan run-on time	Recommended* Minimum
Pull-out system	Not retrofitted* (for rails and single pull-out system) Retrofitted (for double and triple pull-out systems)
Sabbath mode	Switched on Switched off*
Factory settings	Restore Do not restore*

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

Note: Changes to the language, button tone and display brightness settings take effect immediately. All other changes take effect after the settings have been changed.

Power cut

The changes you make to the settings are saved even after a power cut.

You only have to reset the settings for the initial use following a long-term power cut. The appliance can bridge a short-term power cut.

Changing the time

If you want to change the time, for example from summer to winter time, you have to change the basic setting.

The appliance must be switched off.

1. Touch the i field for approx. 3 seconds.
   Notes on the process appear on the display.
2. Press the field to confirm the notes.
   The first setting "language" appears in the display.
3. Touch the field.
   The setting for the clock appears.
4. Turn the rotary selector to change the clock time.
5. Press and hold the i field for approx. 3 seconds to confirm the setting.

A note is shown on the display to confirm that the settings have been saved.

Sabbath mode

With the Sabbath mode, a cooking time of up to 74 hours can be set. You can keep the food in the cooking compartment warm without having to switch the oven on or off.

Starting Sabbath mode

Before you are able to use the Sabbath mode, you must activate it in the basic settings. ⟶ *"Basic settings" on page 19*

When the basic setting has been changed accordingly, Sabbath mode is listed with the types of heating as the last type of heating.

The appliance heats up with top/bottom heating. You can set a temperature between 85 °C and 140 °C.

1. Set the Sabbath mode type of heating using the rotary selector.
2. Touch the field.
   The temperature is highlighted white in the display.
3. Set the required temperature using the rotary selector.
4. Touch the field before starting.
   The cooking time is highlighted white in the display.
5. Set the required cooking time using the rotary selector.
   Note: The end time cannot be delayed.
6. Press the ▷ Start/Stop button to start.
   The cooking time counts down on the display.

The appliance begins to heat up.

When the cooking time for Sabbath mode has ended, an audible signal sounds. The appliance stops heating. The cooking time 00 m 00 s is shown on the display.

Press the ⏻ On/Off button to switch off the appliance.

Note: The operation is not interrupted if you open the appliance door.

Changing and cancelling

After starting the appliance, the settings can no longer be changed.

If you would like to cancel Sabbath mode, switch the appliance off using the ⏻ On/Off button. You can no longer pause the operation using the ▷ Start/Stop button.

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	
Enamel surfaces and self-cleaning surfaces	Observe the instructions for the surfaces of the cooking compartment that follow the table.
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 seal Do not remove.	Hot soapy water: Clean with a dish cloth. Do not scour.
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.

Surfaces in the cooking compartment

The back wall, ceiling and side parts in the cooking compartment are self-cleaning. You can tell this from the rough surface.

The cooking compartment floor is enamelled and has smooth surfaces.

Cleaning enamel surfaces

Clean the smooth enamel surfaces with a dish cloth and hot soapy water or a vinegar solution. Then dry them with a soft cloth.

Soften baked-on food remnants with a damp cloth and soapy water. Use stainless steel wire wool or oven cleaner to remove stubborn dirt.

Caution!

Never use oven cleaner in the cooking compartment when it is still warm. This may damage the enamel. Remove all food remnants from the cooking compartment and the appliance door before you next heat up the appliance.

Leave the cooking compartment open to dry after cleaning it.

Note: Food residues can cause white deposits to form. These are harmless and do not affect how the appliance works. You can remove these residues using lemon juice if required.

Cleaning self-cleaning surfaces

The self-cleaning surfaces are coated with a porous, matte ceramic layer. This coating absorbs and dispels splashes from baking and roasting while the appliance is in operation.

If the self-cleaning surfaces no longer clean themselves sufficiently and dark stains appear, they can be cleaned using the cleaning function. To do this, refer to the information in the relevant section. ⟶ *"Cleaning function" on page 22*

Caution!

Do not use oven cleaner on self-cleaning surfaces. This will damage the surfaces. If oven cleaner does get onto these surfaces, dab it off immediately using water and a sponge cloth. Do not rub the surface and do not use abrasive cleaning aids.

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 self-cleaning surfaces in the cooking compartment are cleaned with the “EcoClean” cleaning function.

The self-cleaning surfaces (back panel, ceiling panel and side panels) are coated with a porous, matt ceramic material. This coating absorbs and breaks down splashes from baking, roasting and grilling while the oven is in operation. If the surfaces no longer clean themselves adequately and dark patches appear, the surfaces can be cleaned by the cleaning function.

Note: The appliance records the number of times it is used.The appliance indicates when it has reached a point in time after which cleaning is recommended. The recommendation is displayed until the cleaning function has finished.
If you do not act on this recommendation, the self-cleaning surfaces may become damaged.
If your appliance is already prematurely very dirty or if you notice dark patches on the back panel, do not wait until your appliance recommends cleaning to do so. This is because the more often the appliance is cleaned, the longer the self-cleaning surfaces will retain their cleaning capability. You can clean your appliance at any time as required using the cleaning function.

Prior to initiating the cleaning function

Remove shelves, rails, accessories and ovenware from the cooking compartment.

Cleaning the cooking compartment floor and the inside of the appliance door

Remove the worst dirt from the cooking compartment floor, the inside of the appliance door and the interior lighting. Otherwise, patches will appear that can no longer be removed.

Caution!

Do not use oven cleaner on the self-cleaning surfaces. This will damage the surfaces. If oven cleaner does come into contact with these surfaces, dab it off immediately with water and a sponge cloth. Please to not rub or use any abrasive cleaning materials.
→ *"Cleaning" on page 20*

⚠ Warning – Risk of burns!
⚠ 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.

Setting the cleaning function

Before setting the cleaning function, ensure that you have followed all instructions for preparation.

The duration for the cleaning function is preset to 1 hour. It cannot be changed.

1. Touch the .:: field.
2. Confirm using the ▷ Start/Stop button.
   A note appears relating to the preparations required for the cleaning function.
3. Press the ▷ Start/Stop button to start.
   The cooking time counts down on the display. The heating line does not appear for the cleaning function.

The cleaning function starts.

Ventilate the kitchen when the cleaning function is running.

When the cleaning function has ended, an audible signal sounds. The cooking time 00 m 00 s is shown on the display. Press the ⏻ On/Off button to switch off the appliance.

Setting a later end time

You can set a later end time. Before starting the appliance, touch the ⏲ field and set a later end time using the rotary selector.

The appliance switches to standby after it is started. The end time can no longer be changed.

Cancel

If you would like to cancel the cleaning function, switch the appliance off using the ⏻ On/Off button. You can no longer pause the operation using the ▷ Start/Stop button.

Note: The operating hour counter is not reset. The instruction for the cleaning function is still shown on the display.

Once the cleaning function has ended

Once the cooking compartment has cooled down, wipe down the cooking compartment with a damp cloth if necessary.

Note: During operation and while the cleaning function is active, reddish patches may form on the surfaces. This is not rust, but food residues. These patches are not hazardous to your health and do not limit the cleaning capacity of the self-cleaning surfaces.

Rails

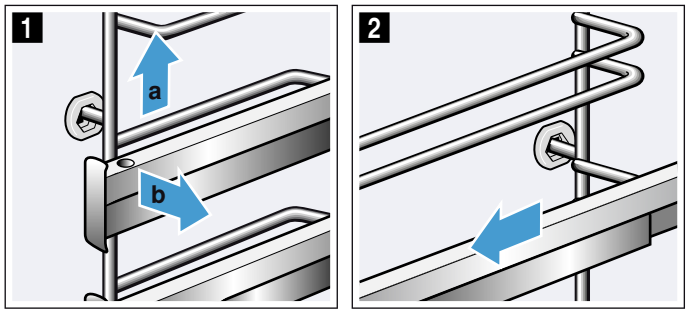
With good care and cleaning, your appliance will retain its appearance and remain fully functional for a long time to come. This will tell you how to remove the shelves and clean them.

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).

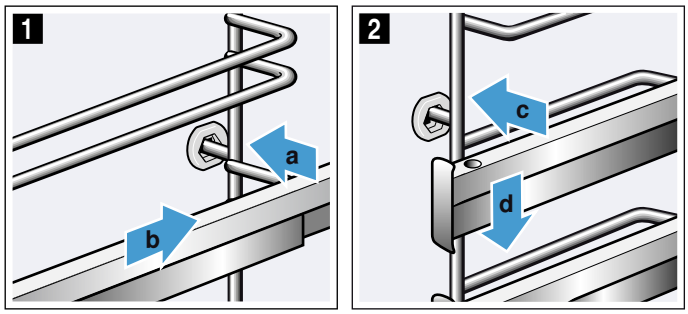


Clean the rails with cleaning agent and a sponge. For stubborn deposits of dirt, use a brush.

Attaching the rails

The rails only fit on the right or the left side. The pull-out rails must pull out towards you.

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).



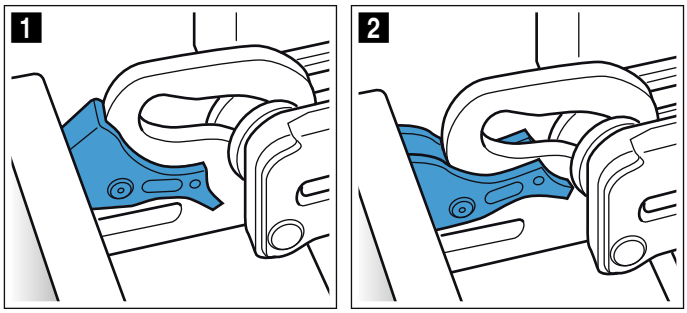
Appliance door

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.

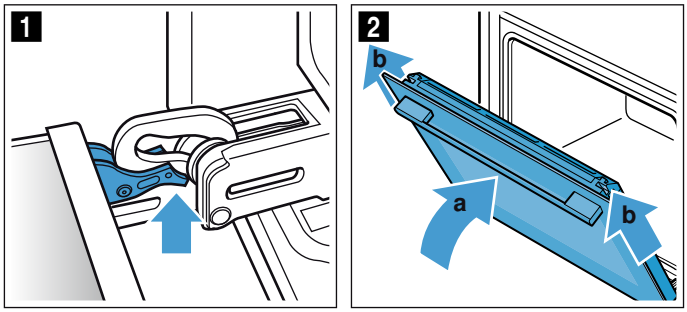
The appliance door hinges each have a locking lever. When the locking levers are closed (figure 1), the appliance door is secured in place. It cannot be detached.
When the locking levers are open in order to detach the appliance door (figure 2), the hinges are locked. They cannot snap shut.



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

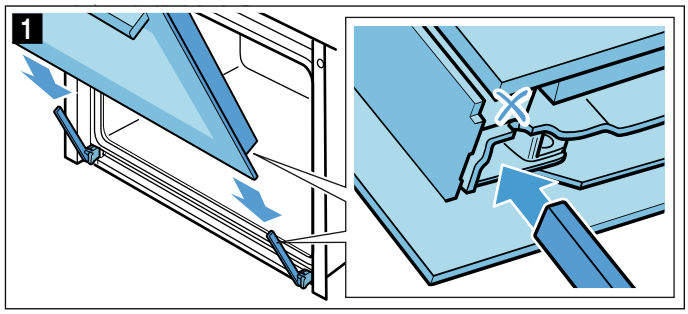
1. Open the appliance door fully and push it in the direction of the appliance.
2. Fold up the two locking levers on the left and right (figure 1).
3. Close the appliance door as far as it goes **a**. With both hands, grip the door on the left- and right-hand side and pull it up and out (figure 2).



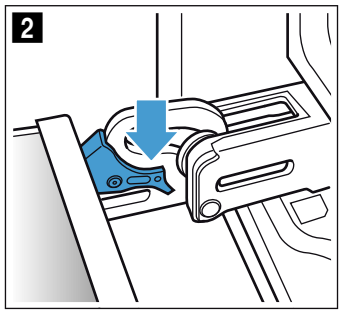
Fitting the appliance door

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).

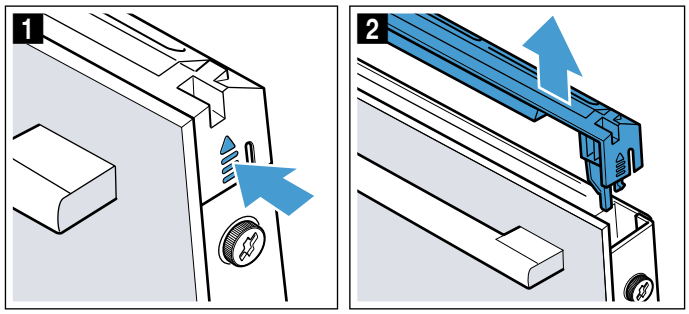


3. Close the cooking compartment door.

Removing the door cover

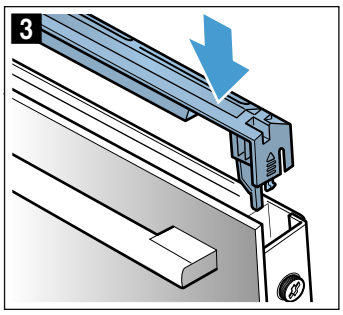
The stainless steel inlay in the door cover may become discoloured. To carry out thorough cleaning, you can remove the cover. ⟶ *"Cleaning" on page 20*

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).



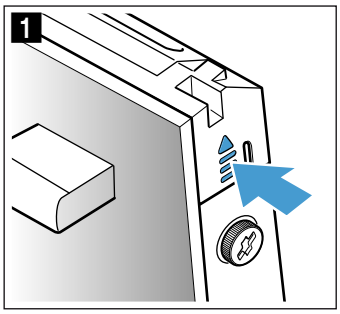
5. Close the appliance door.

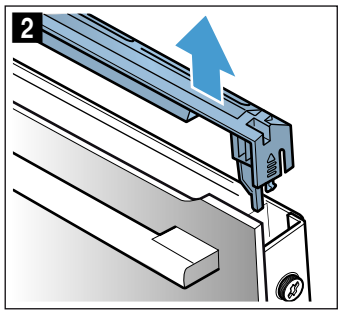
Removing and installing the door panels

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

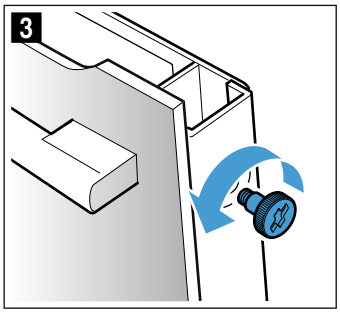
Removing the door from the appliance

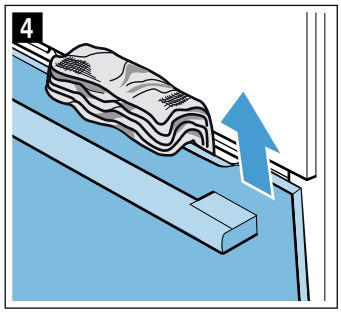
1. Open the appliance door slightly.
2. Press on the right and left side of the cover (figure 1).
3. Remove the cover (figure 2).





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.





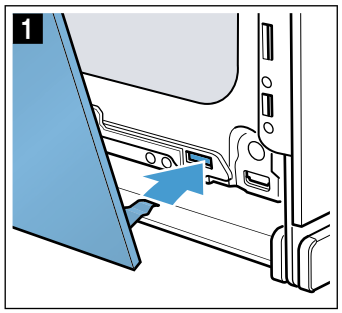
Clean the panels with glass cleaner and a soft cloth.

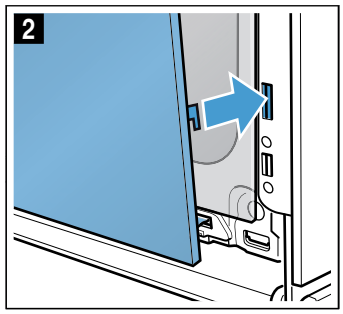
Warning
Risk of injury!

- 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.

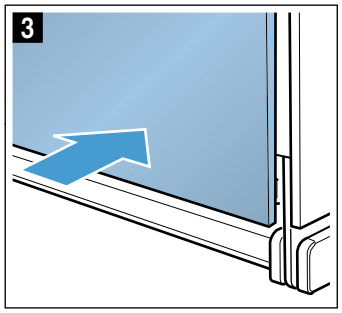
Fitting the door on the appliance

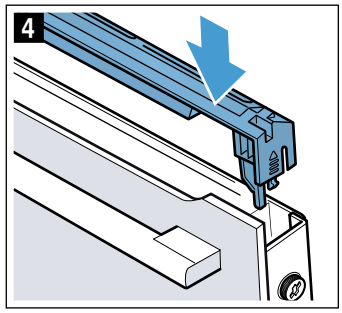
1. Insert the front panel at the bottom into the retainers (figure 1).
2. Close the front panel until both upper hooks are opposite the opening (figure 2).





3. Press the front panel at the bottom until it clicks audibly into place (figure 3)
4. Open the appliance door again slightly and remove the tea towel.
5. Screw both screws back in on the left and right.
6. Put the cover back in place and press on it until it clicks audibly into place (figure 4).





7. 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 on the appliance yourself.

If a dish does not turn out exactly as you wanted, you can find many tips and instructions for preparation at the end of the operating manual. ⟶ *"Tested for you in our cooking studio" on page 29*

Fault	Possible cause	Notes/remedy
The appliance does not work.	Faulty fuse.	Check the circuit breaker in the fuse box.
	Power cut	Check whether the kitchen light or other kitchen appliances are working.
"Sprache Deutsch" appears on the display.	Power cut	Reset the language and the time.
The time does not appear when the appliance is switched off.	Basic setting is changed.	Change the basic setting for the clock display.
The appliance does not heat up; the ⍁ symbol lights up on the display.	Demo mode is activated in the basic settings.	Briefly disconnect the appliance from the mains (switch off the circuit breaker in the fuse box) and then deactivate demo mode in the basic settings within 3 minutes.
The appliance will not start and "Cooking compartment too hot" appears on the display	The cooking compartment is too hot for the selected dish or type of heating	Allow the cooking compartment to cool down and start again
The rotary selector has fallen out of the support in the control panel.	The rotary selector has been accidentally disengaged.	The rotary selector can be removed. Simply place the rotary selector back in its support in the control panel and push it in so that it engages and can be turned as usual.
The rotary selector can no longer be turned easily.	There is dirt under the rotary selector.	The rotary selector can be removed. To disengage the rotary selector, simply remove it from the support. Alternatively, press on the outer edge of the rotary selector so that it tips and can be picked up easily. Carefully clean the rotary selector and its support on the appliance using a cloth and soapy water. Dry with a soft cloth. Do not use any sharp or abrasive materials. Do not soak or clean in the dishwasher. Do not remove the rotary selector too often so that the support remains stable.

⚠ Warning – Risk of injury!
Incorrect repairs are dangerous. Do not attempt to repair the appliance yourself. Repairs must only be carried out by one of our trained after-sales engineers. If the appliance is defective, call the after-sales service.

⚠ 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

When an error message appears on the display with "D" or "E", e.g. D0111 or E0111, switch the appliance off and on again using the ⏻ On/Off button.

If it was a one-off error, the display goes out. If the error message appears again, call the after-sales service and quote the exact error message.

Maximum operating time

If you do not change the settings on your appliance for several hours, the appliance stops heating up automatically. This prevents unwanted continuous operation.

The respective settings for the operating mode govern when the maximum operating time is reached.

Maximum operating time reached
A note appears on the display confirming that the maximum operating time has been reached.

To continue operation, touch any field or turn the rotary selector.

Switch the appliance off using the ⏻ On/Off button if you do not need to use it.

Tip: Set a cooking time so that the appliance does not switch off when you do not want it to, e.g. with an extremely long preparation time. The appliance heats up until the set cooking time has elapsed.

Replacing the bulb in the top of the cooking compartment

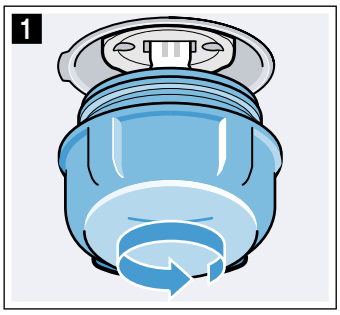
If the cooking compartment light bulb fails, it must be replaced. Heat-resistant, 40 watt, 230 V halogen bulbs are available from the after-sales service or specialist retailers.

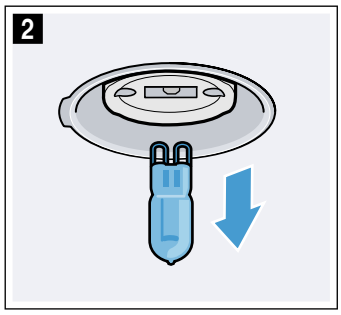
When handling the halogen bulb, use a dry cloth. This will increase the service life of the bulb. Only use these bulbs.

⚠ 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.

Glass cover

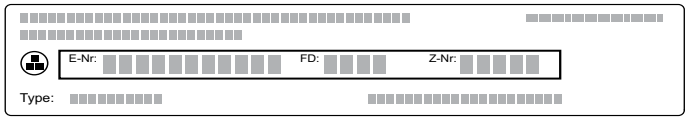
If the glass cover of the halogen bulb is damaged, it must be replaced. You can obtain a new glass cover from the after-sales service. Please specify the E number and FD number of your appliance.

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.
On some appliances with a steam-assisted cooking function, you will find the rating plate behind the control 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.

Dishes

With the “AutoCook” operating mode, you can cook a wide range of dishes. The appliance selects most settings for you automatically.

To achieve good results, the cooking compartment must not be too hot for the type of food you have selected. If it is, a message will appear on the display. Allow the cooking compartment to cool down and start again.

Information on the setting

- The cooking result depends on the quality of the food and the type of cookware. For an optimal cooking result, use food that is in good condition and chilled meat only.
- The appliance chooses the optimal heating mode and the time and temperature setting for you. You will only be asked to enter the weight. It is not possible to set weights outside of the intended weight range.
- When roasting dishes for which the appliance will apply the temperature selection for you, temperatures of up to 300 °C can be saved. Therefore, make sure that you use cookware that is sufficiently heat resistant.
- Information is provided, e.g. on cookware, shelf position or the addition of liquid when cooking meat. Some food requires turning or stirring, etc., during cooking. This is shown on the display shortly after operation starts. An audible signal will remind you at the right time.
- Information on the right kind of cookware to use and tips and tricks for the preparation can be found at the end of the instruction manual.

Selecting a dish

The dishes are arranged in a uniform structure:

- Category
- Food
- Dish

The following table lists the categories with the corresponding food. One or more dishes are listed beside each food.

Dishes
Chicken, unstuffed
Turkey breast
Roasting joint
Belly
Slow roasting joint
Top side, top rump
Leg of lamb, boned, medium
Meat loaf made from fresh minced meat
Goulash
Vegetable stew

Applying settings for dishes

You will be guided through the entire setting process for your chosen food.

1. Touch the field.
   The first dish is highlighted white in the display.
2. Turn the rotary selector to set the required dish.
3. Touch the field.
   The weight is highlighted white in the display.
4. Turn the rotary selector to set the weight of your dish.
   The cooking time is calculated automatically.
5. Confirm using the ▷ Start/Stop button.
   A note appears on accessories and shelf position.
6. Press the ▷ Start/Stop button to start.
   The cooking time counts down on the display. The heating line does not appear for dishes.

The appliance begins to heat up.

Once the cooking time has elapsed, an audible signal sounds. The appliance stops heating.

When your dish is ready, switch off the appliance using the ⏻ On/Off button.

Continue cooking

After the cooking time has ended, you can leave some dishes to continue cooking if you are not satisfied with the cooking result.

A query appears on the display, which asks if you want to continue cooking. If you want to continue cooking, press the ▷ Start/Stop button. A cooking time is suggested, which can be changed. Press the ▷ Start/Stop button to start.

Note: You can extend the cooking time as often as required.

When you are satisfied with the cooking result, touch the field.

Press the ⏻ On/Off button to switch off the appliance.

Setting a later end time

You can set a later end time for some dishes. Before starting the appliance, touch the field and set a later end time using the rotary selector.

The appliance switches to standby after it is started. The end time can no longer be changed.

Changing and cancelling

After starting the appliance, the settings can no longer be changed.

If you would like to cancel the operation, switch the appliance off using the ⏻ On/Off button. You can no longer pause the operation using the ▷ Start/Stop button.

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.

Silicone moulds

For the best cooking results, we recommend dark-coloured metal baking tins/dishes.

Nevertheless, if you wish to use silicone moulds, follow the manufacturer's instructions and recipes. Silicone moulds are often smaller than normal baking tins. Quantity and recipe specifications may vary.

Baking

Here, you can find recommended settings for many dishes.

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

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

Shelf positions

Use the indicated shelf positions.

Baking on one level
When baking on one level, use the following shelf positions:
- Tall baked items: Level 2
- Flat baked items: Level 3

If you are using 4D Hot air as the type of heating, you can choose between levels 1, 2, 3 and 4.

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

Baking on two levels
Use 4D hot air. Baked items that are placed into the oven on trays or in baking tins/dishes at the same time will not necessarily be ready at the same time.
- Universal pan: Level 3
  Baking tray: Level 1
- Baking tins/dishes on the wire rack
  First wire rack: Level 3
  Second wire rack: Level 1

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 or offset and vertically stacked in the cooking compartment.

Accessories

Ensure that you always use suitable accessories and that they are placed in the oven the right way around.

Wire rack
Insert the wire rack with the open side facing the appliance door and the curved lip pointing downwards. Always place ovenware, tins and dishes on the wire rack.

Universal pan or baking tray
Slide the universal pan or the baking tray in carefully as far as the limit stop with the bevelled edge facing the appliance door.

When baking moist cakes or pastries with many toppings, use the universal pan so that any excess liquid does not overflow and make the cooking compartment dirty.

Baking tins
Dark- coloured metal baking tins are most suitable.

Tinplate baking tins, ceramic dishes and glass dishes extend baking time and mean that the baked item will not brown evenly. If you wish to bake using these baking tins/dishes and using top/bottom heating, slide in the tin/dish at level 1.

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

Recommended setting values

The table lists the optimal heating type for various baked items. The temperature and baking time depend on the amount and consistency of the dough/mixture. For this reason, the table specifies setting ranges. 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: Baking times cannot be reduced by using higher temperatures. Cakes or small baked items would only be cooked on the outside, and would not be fully baked in the middle.

The setting values apply to food that is placed into a cold cooking compartment; by doing this, 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 baked items in the table as reference.Additional information can be found in the baking tips listed after the settings table.

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.

Types of heating used:
- 4D hot air
- Top/bottom heating
- Pizza setting

Dish	Accessories/cookware	Shelf position	Type of heating	Temperature in °C	Cooking time in mins.
One level baking					
Victoria sponge cake	2x Ø20 cm tins	2		160-170*	20-25
Light fruit cake	high Ø20 cm tin	2		140-160	70-90
Rich fruit cake	high Ø23 cm tin	2		130-150	150-180
Fruit crumble	flat glass dish	3		150-170*	35-45
Sponge Cake (fatless), 3 eggs	springform cake tin Ø26 cm	2		160-170*	25-35
Sponge flan, 6 eggs	springform cake tin Ø28 cm	2		150-170*	30-50
Swiss roll	swiss roll tin	3		180-190*	10-15
Fruit Pie	plate Ø20 cm or pie tin	2		160-170	55-65
Quiche	quiche tin (dark coated)	3		190-210	30-40
(White) Bread	loaf tin (1x 900 g or 2x 450 g)	2		180-200*	20-30
Scones	baking tray	3		180-200*	10-14
Biscuits	baking tray	3		140-160*	10-25
Small Cakes	12-cup-tin	3		140-160*	20-30
Puff pastry slices	baking tray	3		170-190*	20-35
Jam tarts	12-cup-tin	3		170-190*	15-30
Meringue	baking tray	3		80-90*	120-150
Pavlova	baking tray	3		90-100*	120-180
Soufflé	1,2L-soufflé dish	2		160-170*	35-45
Soufflé	individual moulds	2		170-190	65-75
Choux pastry	baking tray	3		190-210*	30-40
Meat Pie	rectangular pie tin	2		180-190	40-50
Yorkshire pudding	12-cup-tin	3		200-220*	15-25
Jacket potatoes	baking tray	3		150-170	75-90
Pizza, homemade	baking tray	3		200-220	25-35
Pizza, homemade, thin base	pizza tray	2		250-270	20-25
Pizza, homemade, thin base	pizza tray	2		210-220	25-30
Multishelf baking					
Victoria Sponge Cake, 2 levels	4x Ø20 cm tins	3+1		160-170*	25-35
Scones, 2 levels	2 baking trays	3+1		170-190*	12-16
Biscuits, 2 levels	2 baking trays	3+1		140-160*	10-25
Biscuits, 3 levels	3 baking trays	5+3+1		140-160*	15-30
Small cakes, 2 levels	2x 12-cup-tins	3+1		140-160*	22-32
Puff pastry slices, 2 levels	2 baking trays	3+1		170-190*	25-45
Puff pastry slices, 3 levels	3 baking trays	5+3+1		170-190*	25-45
Jam tarts, 2 levels	2x 12-cup-tins	3+1		170-190*	20-35
Meringues, 2 levels	2 baking trays	3+1		80-90*	120-150
Jacket potatoes, 2 levels	universal pan + baking tray	3+1		150-170*	75-90
(White) Bread, 2 levels	4x loaf tins	3+1		170-190*	30-40
Pizza, homemade, 2 levels	universal pan + baking tray	3+1		180-200	35-45

* Preheat

Tips on baking

You want to find out whether the cake is completely cooked in the middle.	Push a cocktail stick into the highest point on the cake. If the cocktail stick comes out clean with no dough residue, the cake is ready.
The cake collapses.	Next time, use less liquid. Alternatively, set the temperature to be 10 °C lower and extend the baking time. Adhere to the specified ingredients and preparation instructions in the recipe.
The cake has risen in the middle but is lower around the edge.	Only grease the base of the springform cake tin. After baking, loosen the cake 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 cake is too dry.	Set the temperature 10 °C higher and shorten the baking time.
The cake is generally too light in colour.	If the shelf position and the cookware are correct, then you should increase the temperature if necessary or extend the baking time.
The cake is too light on top, and too dark underneath.	Bake the cake one level higher in the oven the next time.
The cake 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.
Cakes baked in a tray or tin are too brown at the back.	Place the baking tray in the middle of the accessories, not directly against the back wall.
The whole cake is too dark.	Select a lower temperature next time and extend the baking time if necessary.
The cake 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 4D hot air when baking on several levels. Baked items that are placed into the oven on trays or in baking tins/dishes at the same time will not necessarily be ready at the same time.
The cake 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 cakes with a moist topping, bake the base first. Sprinkle it with almonds or breadcrumbs and then place the topping on top.
The cake cannot be turned out of the dish when it is turned upside down.	Allow the cake to cool down for 5 to 10 minutes after baking. If it still sticks, carefully loosen the cake around the edges again using a knife. Turn the cake tin upside down again and cover it several times with a cold, wet cloth. Next time, grease the baking tin/dish and sprinkle with breadcrumbs.

Roasting and braising

Here, you can find information on roasting and braising poultry and meat. You can find the ideal settings for many dishes in the settings tables.

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.

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.

Roasting on the wire rack

On the wire rack, poultry and meat will become very crispy on all sides. Roasting on the wire rack is well suited for larger poultry or for multiple pieces at the same time.

Depending on the size and type of the meat, add up to ½ litres of water to the universal pan. Any dripping fat and meat juices will be caught. You can prepare a sauce using these meat juices. In addition, less smoke is generated, and the cooking compartment stays cleaner.

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*

Roasting and braising in cookware

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.

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

Glass cookware is most suitable. Place hot glass cookware onto a dry mat after cooking. If the surface is damp or cold, the glass may crack.

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

The amount 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.

Shiny roasting dishes made from stainless steel or aluminium reflect heat like a mirror and are therefore not particularly suitable. The meat cooks more slowly and will not brown so much. Use a higher temperature and/or a longer cooking time.

Observe the manufacturer's instructions for your roasting cookware.

Roasting in uncovered cookware
It is best to use a deep roasting tin/dish for roasting poultry and meat. Place the tin/dish onto the wire rack. If you do not have any suitable cookware, use the universal pan.

Braising in covered cookware
When preparing food 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.

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

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.

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

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

Recommended setting values

In the table, you can find the ideal heating type for poultry and meat. Temperature and cooking time depend on the quantity, composition and temperature of the food. Different settings ranges are indicated for this reason. Try using the lower values at first. You can increase the temperature next time if necessary.

The setting values are based on the assumption that unstuffed, chilled, ready-to-roast poultry and meat are 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, the indicated cooking times will be reduced by several minutes.

In the table, you can find specifications for poultry and meat with default values for the weight. If you wish to prepare heavier poultry or meat, use the lower temperature in every case. 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.

A general rule: the larger the poultry or piece of meat is, the lower the cooking temperature and the longer the cooking time.

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

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

Cooking time calculation (e. g. 20**+**35):
Please calculate the cooking time with 20 minutes per 500 g meat + 35 minutes additional time. For 1,5 kg the calculated cooking time would be 95 minutes.

Cooking time range (e. g. 10**-**15):
The food is done within the stated minutes.

Type of heating used:
- 4D hot air

Dish	Accessories/cookware	Shelf position	Type of heating	Temperature in °C	Time in min.
Beef					
Slow roasting joint	wire rack	2	4D hot air	140-150	35+40
Top side / Top rump	wire rack	2	4D hot air	160-170	30+25
Lamb					
Leg (bone-in)	wire rack	2	4D hot air	160-170	25+25

* Preheat
** Without fat layer (best and neck), do not turn
*** Skin side down
**** Bone side down, do not turn
***** Turn after app. 1 hour

Dish	Accessories/cookware	Shelf position	Type of heating	Temperature in °C	Time in min.
Shoulder (bone-in)	wire rack	2		160-170	25+20
Shoulder (boned and rolled)	wire rack	2		170-180	25+25
Rack of lamb**	wire rack	2		180-190*	15+25
Pork					
Roasting joint	wire rack	2		180-190	30+35
Loin joint	wire rack	2		180-190	35+35
Belly	wire rack	2		170-180	30+25
Gammon joint	wire rack	2		160-170	30+30
Poultry					
Chicken, whole	wire rack	2		170-180	25+15
Chicken, portion (each 200-250 g)***	wire rack	2		190-200	35-45
Duck	wire rack	2		180-190	25+20
Turkey, crown****	wire rack	2		150-160	20+15
Turkey, thighs	wire rack	2		170-180	25+30
Turkey, whole, 4-8 kg*****	wire rack	2		150-160	12+12
Meat dishes					
Meat loaf	cookware, uncovered	2		170-180	20+35
Casserole					
Diced meat (beef, pork, lamb), 500 g meat	cookware, covered	2		140*	100-120
Diced chicken (boned), 500 g meat	cookware, covered	2		140*	90-100
Braising steak	cookware, covered	2		140	65+60
Complete meal					
With beef	wire rack + wire rack	4+1		160, then 200 (Yorkshire Pudding)	calculation for meat (see table above) + 15-25 for Yorkshire Pudding
With chicken	wire rack + wire rack	4+1		180	calculation for chicken (see table above)

* Preheat
** Without fat layer (best and neck), do not turn
*** Skin side down
**** Bone side down, do not turn
***** Turn after app. 1 hour

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.

Grilling

Here, you can find information on grilling poultry, meat and fish, as well as toast. You can find the ideal settings for certain dishes in the settings tables.

Grilling with circulated air

Circulated air grilling is very well suited to the preparation of whole poultry, fish, and also meat, e.g. roast pork with crackling.

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.

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.

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.

Roasting on the wire rack

On the wire rack, poultry and meat will become very crispy on all sides. Roasting on the wire rack is well suited for larger poultry or for multiple pieces at the same time.

Depending on the size and type of the meat, add up to ½ litres of water to the universal pan. Any dripping fat and meat juices will be caught. You can prepare a sauce using these meat juices. In addition, less smoke is generated, and the cooking compartment stays cleaner.

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*

Roasting in cookware

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.

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

Glass cookware is most suitable. Place hot glass cookware onto a dry mat after cooking. If the surface is damp or cold, the glass may crack.

Add in 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.

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 poultry, meat or fish 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.

Shiny roasting dishes made from stainless steel or aluminium reflect heat like a mirror and are therefore not particularly suitable. The meat cooks more slowly and will not brown so much. Use a higher temperature and/or a longer cooking time.

Observe the manufacturer's instructions for your roasting cookware.

Uncovered cookware
Use a deep roasting tin/dish for roasting meat. Place the tin/dish 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.

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

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.

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.

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

Meat can also become crispy in a covered roasting dish. To do so, use a roasting dish with a glass lid and set a higher temperature.

Grilling flat pieces

Flat pieces of poultry, meat and fish, such as steaks, drumsticks and burgers, can be prepared well using the "Grill" heating type. Excellent results are also achieved when grilling toast.

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 until after the meat 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.

Recommended setting values

In the table, you can find the ideal heating type for your poultry, meat and fish, in addition to toast. Temperature and cooking time depend on the quantity, composition and temperature of the food. Settings ranges are indicated for this reason. Try using the lower values at first. You can use a higher setting next time if necessary.

The setting values are based on the assumption that unstuffed, chilled, ready-to-roast poultry, meat and fish are 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, use the lower temperature in every case. 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.

A general rule: 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.

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

Cooking time calculation (e. g. 20**+**35):
Please calculate the cooking time with 20 minutes per 500 g meat + 35 minutes additional time. For 1,5 kg the calculated cooking time would be 95 minutes.

Cooking time range (e. g. 10**-**15):
The food is done within the stated minutes.

Types of heating used:

- Circulated air grilling
- Grill, large area

Dish	Accessories	Shelf position	Type of heating	Temperature in °C / Grill setting	Time in min.
Beef					
Steaks, height 2-3 cm**	wire rack	3		3	1st side 10-12
					2nd side 3-5
Burger, height 1-2 cm	wire rack	3		3*	1st side 6-8
					2nd side 4-6
Top side / Top rump	wire rack	2		150-160	30+30
Lamb					
Steaks, height 2-3 cm	wire rack	3		3*	1st side 8-10
					2nd side 4-6
Chops, height 2-3 cm	wire rack	3		3	1st side 6-8
					2nd side 6-8
Leg (bone-in)	wire rack	2		170-180	25+30
Shoulder (bone-in)	wire rack	2		170-190	25+15
Shoulder (boned and rolled)	wire rack	2		170-180	20+15
Rack of lamb	wire rack	2		190-200	15+25
Pork					
Steaks, height 2 cm	wire rack	5		2	1st side 10-12
					2nd side 5-7

* Preheat
** Do not preheat
*** Preheat 3 minutes
**** Preheat 3 minutes, turn over several times
***** Preheat 5 minutes
****** Skin side down

Dish	Accessories	Shelf position	Type of heating	Temperature in °C / Grill setting	Time in min.
Chops, height 2-3 cm	wire rack	3		3*	1st side 10-12
					2nd side 9-10
Burger, height 1-2 cm	wire rack	3		3***	1st side 6-8
					2nd side 4-6
Bacon rashers	wire rack	3		3*****	1st side 4-5
					2nd side 3-4
Sausages, thickness 2 4 cm	wire rack	3		3****	10-15
Roasting joint	wire rack	2		180-200	30+40
Loin joint	wire rack	2		180-200	35+35
Belly	wire rack	2		200-220	30+25
Gammon joint	wire rack	2		180-200	30+25
Poultry					
Chicken drumstick, 150 g each	wire rack	3		210-230	20-30
Chicken breast, boned, 150 g each	wire rack	3		3***	1st side 10-15
					2nd side 10-15
Chicken, whole	wire rack	2		200-220	20+15
Chicken, portion, bone-in 200 -250 g each******	wire rack	3		200-220	30-45
Duck, 2-3 kg	wire rack	2		190-200	20+20
Turkey, thighs	wire rack	2		180-190	25+30
Turkey, whole, 4-8 kg	wire rack	2		140-160	12+12
Fish					
Trout, whole, 300 g each	wire rack	2		170-190	20-30
Fillets, each 150 g	wire rack	4		1***	1st side 5-10
					2nd side 5-10
Toast					
Grilling white bread**	wire rack	5		3	4-6

* Preheat
** Do not preheat
*** Preheat 3 minutes
**** Preheat 3 minutes, turn over several times
***** Preheat 5 minutes
****** Skin side down

Convenience products

Here, you can find the ideal settings for preparing chilled and frozen food.

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

Tips

- The cooking result greatly depends on the quality of the food. Pre-browning and unevenness may already be present on the packaged product.
- Do not use frozen products that are heavily frosted. Remove any ice on the food.
- Distribute foods which are in pieces, such as bread rolls and potato products, so that they are spread flat and evenly on the accessories. Leave a little space between the individual pieces.
- Observe the instructions on the packaging.

Shelf positions

Use the indicated shelf positions.

Baking on one level
When baking on one level, use the following shelf positions:

- Tall baked items: Level 2
- Flat baked items: Level 3

If you are using 4D Hot air as the type of heating, you can choose between levels 1, 2, 3 and 4.

Baking on two levels
Use 4D hot air. Baked items that are placed into the oven on trays or in baking tins/dishes at the same time will not necessarily be ready at the same time.

- Universal pan: Level 3
  Baking tray: Level 1

Accessories

Ensure that you always use suitable accessories and that they are placed in the oven the right way around.

Wire rack
Insert the wire rack with the open side facing the appliance door and the curved lip pointing downwards. Always place ovenware, tins and dishes on the wire rack.

Universal pan or baking tray
Slide the universal pan or the baking tray in carefully as far as the limit stop with the bevelled edge facing the appliance door.

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

Recommended setting values

In the table, you can find the ideal heating type for various dishes. Temperature and cooking time depend on the quantity and composition of the product. Setting ranges are indicated for this reason. Try using the lower values at first. A lower temperature results 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 dish would only be cooked on the outside, but would not be fully cooked in the middle.

The setting values apply to dishes 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, the indicated cooking times will be reduced by several minutes.

Preheating is necessary for selected dishes, and this is indicated in the table.

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

Types of heating used:
- 4D hot air
- Top/bottom heating
- Pizza setting

Dish	Accessories/cookware	Shelf position	Type of heating	Temperature in °C	Cooking time in mins.
Pizza, chilled					
Pizza, chilled	wire rack	3	Pizza setting	190-210	10-15
Pizza, frozen					
Pizza, thin base	wire rack	3	Pizza setting	190-210	15-20
Pizza, thin base, 2 levels	universal pan + wire rack	3+1	4D hot air	190-210	20-25
Pizza, thick base	wire rack	3	Pizza setting	180-200	20-25
Pizza, thick base, 2 levels	universal pan + wire rack	3+1	4D hot air	190-210	20-30
Pizza baguette	wire rack	3	Pizza setting	200-220	15-20
Potatoe products, frozen					
Oven chips	universal pan	3	Pizza setting	190-210	25-35
Oven chips, 2 levels	universal pan + baking tray	3+1	4D hot air	190-210	30-40
Croquettes	universal pan	3	Pizza setting	200-220	25-35
Hash browns	universal pan	3	Pizza setting	200-220	25-35
Potatoe wedges	universal pan	3	Pizza setting	190-210	25-35
Baked goods, frozen, prebaked					
Rolls, baguettes	universal pan	3	Pizza setting	180-200	10-15
Fried food, frozen					
Fish fingers*	universal pan	3	Top/bottom heating	200-220	20-30
Chicken nuggets	universal pan	3	Pizza setting	190-210	20-25
Food, chilled					
Lasagna, 500 g	ovenproof dish on wire rack	2	Pizza setting	190-210	25-35
Lasagna, 1,5 kg	ovenproof dish on wire rack	2	Pizza setting	180-200	30-40
Food, frozen					
Lasagna, 500 g	ovenproof dish on wire rack	2	Pizza setting	190-210	30-40
Lasagna, 1,5 kg	ovenproof dish on wire rack	2	Pizza setting	180-200	50-70

* Turn during cooking

Yogurt

You can make your own yogurt using your appliance.

Making yoghurt

Remove accessories and shelf supports from the cooking compartment. The cooking compartment must be empty. Do not open the appliance door while the appliance is in operation.

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

Type of heating used:
- 4D hot air

Dish	Cookware	Shelf position	Type of heating	Tempera-ture in °C	Cooking time in hours
Yoghurt	individual moulds	cooking compartment floor		40-45	8-9h

Eco heating functions

Hot air eco and Top/bottom heating eco are intelligent heating functions that allow you to gently cook meat, fish and baked items. The appliance optimally controls the supply of energy to the cooking compartment.The food is cooked in phases using residual heat. This means that it remains more succulent and browns less. Depending on the method of preparation and the type of food, it is possible to save energy. If you open the appliance door before the food has finished cooking or if you preheat the appliance, you may not be able to achieve this result.

Only use genuine accessories for your appliance. These have been tailored to the cooking compartment and the operating modes of your appliance.Remove any accessories that are not being used from the cooking compartment.

Place the food into the empty cooking compartment before the oven is heated up. For Hot air eco, select a temperature of between 125 and 275 °C, and for Top/bottom heating eco, select a temperature of between 150 and 250 °C. Always keep the appliance door closed when cooking. Only cook on one level when using this function.

The Hot air eco heating function is used to measure both the energy consumption in air recirculation mode and the energy efficiency class. The Top/bottom heating eco heating function is used to measure the energy consumption in the conventional mode.

Accessories

Ensure that you always use suitable accessories and that they are placed in the oven the right way around.

Wire rack
Insert the wire rack with the open side facing the appliance door and the curved lip pointing downwards. Always place ovenware, tins and dishes on the wire rack.

Universal pan or baking tray
Slide the universal pan or the baking tray in carefully as far as the limit stop with the bevelled edge facing the appliance door.

Baking tins and cookware
Dark- coloured metal baking tins are most suitable. These allow you to make energy savings of up to 35 per cent.

Cookware made from stainless steel or aluminium reflects heat like a mirror. Non-reflective cookware made from enamel, heat-resistant glass or coated, die-cast aluminium is more suitable.

Tinplate baking tins, ceramic dishes or glass dishes prolong baking time, and the cake will not brown so evenly.

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

Recommended setting values

Here, you can find specifications for various dishes. The temperature and baking time are dependent on the quantity and composition of the dough. Different settings ranges are indicated for this reason. Try using the lower values at first. A lower temperature results in more even browning. If necessary, use a higher setting the next time.

Note: Baking times can not be reduced by using higher temperatures. Cakes or baked items would only be cooked on the outside, but would not be cooked completely in the middle.

Types of heating used:
- Hotair Eco
- Top/bottom heating Eco

Dish	Accessories/cookware	Shelf position	Type of heating	Temperature in °C	Cooking time in mins.
Baking					
Victoria Sponge Cake	2x Ø20 cm tins	2	Hotair Eco	170-180	25-35
Light Fruit Cake	high Ø20 cm tin	2	Hotair Eco	150-170	70-90
Rich Fruit Cake	high Ø23 cm tin	2	Hotair Eco	140-160	120-180
Fruit crumble	flat glass dish	3	Hotair Eco	160-180	40-70
Sponge Cake (fatless), 3 eggs	springform cake tin Ø26 cm	2	Hotair Eco	160-170	25-40
Swiss Roll	swiss roll tin	3	Hotair Eco	180-190	15-25
Fruit Pie	plate Ø20 cm or pie tin	2	Hotair Eco	170-190	60-75
Quiche	quiche tin (dark coated)	3	Hotair Eco	190-210	35-45
(White) Bread	loaf tin (1x 900 g or 2x 450 g)	2	Hotair Eco	190-200	40-50
Scones	baking tray	3	Hotair Eco	190-210	15-20
Jam tarts	12-cup-tin	3	Hotair Eco	180-200	20-30
Soufflé	1,2L-soufflé dish	2	Hotair Eco	160-170	40-50
Meat Pie	rectangular pie tin	2	Hotair Eco	190-200	40-55
Jacket Potatoes	baking tray	3	Hotair Eco	150-170	60-90
Meat					
Beef, slow roast joint	wire rack	2	Hotair Eco	140-150	35+40
Casserole					
Diced meat (beef, pork, lamb), 500 g meat	cookware, covered	2	Hotair Eco	140	100-120
Braising steak	cookware, covered	2	Hotair Eco	140	65+60
Fish					
Fish, braised, whole 300 g, e. g. trout	cookware, covered	2	Top/bottom heating Eco	190-210	25-35
Fish, braised, whole 1,5kg, e. g. salmon	cookware, covered	2	Top/bottom heating Eco	190-210	45-55
Fish fillet, plain, braised, 100 g	cookware, covered	2	Top/bottom heating Eco	190-210	15-25

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 at least 400 g at once on a baking tray so that the chips do not dry out.

Slow cook

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 flavour 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.

Note: Delayed-start operation with an end time is not possible for the slow cooking heating type.

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.

Your appliance features the heating type "Slow cook". 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.

Recommended setting values

The slow cooking temperature and cooking time are dependent on the size, thickness and quality of the meat. Different settings ranges are indicated for this reason.

Type of heating used:
- Slow cooking

Dish	Cookware	Shelf position	Heating function	Searing time in mins	Temperature in °C	Cooking time in mins
Poultry						
Duck breast, medium rare, 300 g each	Cookware, uncovered	2		6-8	90*	45-60
Chicken breast fillet, 200 g each, well done	Cookware, uncovered	2		4	120*	45-60
Turkey breast, boned, 1 kg, well done	Cookware, uncovered	2		6-8	120*	110-130
Pork						
Pork tenderloin steak, 5-6 cm thick, 1.5 kg	Cookware, uncovered	2		6-8	80*	130-180
Fillet of pork, whole	Cookware, uncovered	2		4-6	80*	45-70
Beef						
Joint of beef (rump), 6-7 cm thick, 1.5 kg	Cookware, uncovered	2		6-8	100*	150-180
Fillet of beef, 1 kg	Cookware, uncovered	2		4-6	80*	90-120
Sirloin, 5-6 cm thick	Cookware, uncovered	2		6-8	80*	120-180
Beef medallions/rump steak, 4 cm thick	Cookware, uncovered	2		4	80*	30-60
Veal						
Joint of veal, 4-5 cm thick, 1.5 kg	Cookware, uncovered	2		6-8	80*	80-140
Joint of veal, 7-10 cm thick, 1.5 kg	Cookware, uncovered	2		6-8	80*	140-200
Fillet of veal, whole, 800 g	Cookware, uncovered	2		4-6	80*	70-120
Veal medallions, 4 cm thick	Cookware, uncovered	2		4	80*	30-50

* Preheat

Dish	Cookware	Shelf position	Heating function	Searing time in mins	Temperature in °C	Cooking time in mins
Lamb						
Saddle of lamb, boneless, 200 g each	Cookware, uncovered	2		4	80*	30-45
Leg of lamb, boned, medium, 1 kg, tied	Cookware, uncovered	2		6-8	95*	120-180
* 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

With 4D hot air, you can dry foods with outstanding results. With this type of preserving, flavourings are concentrated by the dehydration.

Only use unblemished 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 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. Allow the blanched vegetables to drain off and distribute 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: Level 3
- 2 wire racks: Level 3+1

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

Recommended setting values

In the table, you can find settings for drying various foodstuffs. The temperature and cooking 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 aromatic the dried food will remain. Setting ranges are indicated for this reason.

If you wish to dry additional foodstuffs, you should use similar foodstuffs in the table as a reference.

Type of heating used:
- 4D hot air

Fruit, vegetables and herbs	Accessories	Type of heating	Temperature in °C	Cooking time in hours
Pomes (apple rings, 3 mm thick, 200 g per wire rack)	1-2 wire racks		80	5-9
Stone fruit (plums)	1-2 wire racks		80	8-10
Root vegetables (carrots), grated, blanched	1-2 wire racks		80	5-8
Sliced mushrooms	1-2 wire racks		60	6-9
Herbs, washed	1-2 wire racks		60	2-6

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

Use only 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 clamps. 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 cooling 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.

Recommended setting values

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.

Type of heating used:
- 4D hot air

Preserving	Cookware	Shelf position	Type of heating	Temperature in °C	Cooking time in mins.
Vegetables, e.g. carrots	1-litre preserving jars	1		160-170	Before it starts bubbling:30-40
				120	When it starts to bubble: 30-40
				-	Residual heat: 30
Vegetables, e.g. cucumbers	1-litre preserving jars	1		160-170	Before it starts bubbling: 30-40
				-	Residual heat: 30
Stone fruit, e.g. cherries, damsons	1-litre preserving jars	1		160-170	Before it starts bubbling:30-40
				-	Residual heat:35
Pomes, e.g. apples, strawberries	1-litre preserving jars	1		160-170	Before it starts bubbling:30-40
				-	Residual heat: 25

Prove dough

You can prove yeast dough in your appliance more quickly than at room temperature. Use the top/bottom heating type. Only start operation when the cooking compartment has fully cooled down.

Always allow yeast dough to prove twice. Observe the specifications in the settings tables for the 1st and 2nd proving processes (dough fermentation and final fermentation).

Dough fermentation
Use the settings indicated in the table and heat up the appliance. Position the dough bowl on the wire rack.

Do not open the appliance door during the proving process, as moisture will escape. Cover the dough with a damp cloth.

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

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

Recommended setting values

The temperature and proving time are dependent on the type and quantity of the ingredients. The values in the table are therefore only meant to be average values.

Type of heating used:
- Top/bottom heating

Dish	Accessories/cookware	Shelf position	Type of heating	Step	Temperature in °C	Cooking time in mins.
Yeast dough, light	Bowl	2		Dough fermentation	35-40	25-30
	Baking tray	2		Final fermentation	35-40	10-20
Yeast dough, heavy and rich	Bowl	2		Dough fermentation	35-40	20-40
	Baking tray	2		Final fermentation	35-40	15-25

Defrosting

The defrost heating type is suitable for defrosting frozen fruit, vegetables and baked items. Poultry, meat and fish should ideally be defrosted in the refrigerator.

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

Recommended setting values

The times in the table are average values. They are dependent on the quality, freezing temperature (-18 °C) and composition of the food. Time ranges are indicated. Set the shortest time first and then extend the time if necessary.

Tip: Items which were frozen flat or portioned defrost faster than those frozen in a block.

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

Stir the food or turn it once or twice in between. Large pieces of food should be turned several times. Occasionally split the food or remove items which have already defrosted from the cooking compartment.

Leave the defrosted food to rest for another 10 to 30 minutes in the appliance whilst it is switched off, so that the temperature balances out.

Type of heating used:
- Defrosting

Dish	Accessories	Shelf position	Type of heating	Temperature in °C	Cooking time in mins.
Bread, bread rolls					
Bread & bread rolls general	Baking tray	2		50	40-70
Cake					
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

Baked items that are placed into the oven on 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: Level 3
  Baking tray: Level 1
- Baking tins/dishes on the wire rack
  First wire rack: Level 3
  Second wire rack: Level 1

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

Apple pie
Apple pie on one level: place dark-coloured springform cake tins diagonally next to each other.

Apple pie on two levels: position dark-coloured springform cake tins above each other so that they are offset.

Cakes in tinplate springform cake tins: bake on one level with top/bottom heating. Place the springform cake tin onto the universal pan instead of onto the wire rack.

Fatless sponge cake
Fatless sponge cake on two levels: vertically stack springform cake tins in an offset manner on the wire racks.

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.

Types of heating used:
- 4D hot air
- Top/bottom heating
- Pizza setting

Dish	Accessory	Shelf position	Type of heating	Temperature in °C	Cooking time in mins.
Baking					
Shortbread	Baking tray	3	Top/bottom heating	140-150*	25-40
Shortbread	Baking tray	3	4D hot air	140-150*	25-40
Shortbread, 2 levels	Universal pan + baking tray	3+1	4D hot air	140-150*	30-40
Shortbread, 3 levels	Baking trays + universal pan	5+3+1	4D hot air	130-140*	35-55
Small cakes	Baking tray	3	Top/bottom heating	160*	20-30
Small cakes	Baking tray	3	4D hot air	150*	25-35
Small cakes, 2 levels	Universal pan + baking tray	3+1	4D hot air	150*	25-35
Small cakes, 3 levels	Baking trays + universal pan	5+3+1	4D hot air	140*	35-45
Fatless sponge cake	Springform cake tin, diameter 26 cm	2	Top/bottom heating	160-170**	25-35
Fatless sponge cake	Springform cake tin, diameter 26 cm	2	4D hot air	160-170**	30-40
Fatless sponge cake, 2 levels	Springform cake tin, diameter 26 cm	3+1	4D hot air	150-170**	30-50
Apple pie	2 x black plate tins, diameter 20 cm	2	Pizza setting	170-180	60-80
Apple pie	2 x black plate tins, diameter 20 cm	2	Top/bottom heating	180-200	60-80
Apple pie, 2 levels	2 x black plate tins, diameter 20 cm	3+1	4D hot air	170-190	70-90

* Preheat for 5 mins, do not use quick heat function

** Preheat, do not use quick heat function

Grilling

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

Type of heating used:
- Grill, large area

Dish	Accessories	Shelf position	Type of heating	Grill setting	Cooking time in mins.
Grilling					
Toasting bread*	Wire rack	5		3	4-6
Beefburger, 12 pieces**	Wire rack	4		3	25-30
* Do not preheat ** Turn after 2/3 of the total time					

Thank you for buying a Bosch Home Appliance!

Register your new device on MyBosch now and profit directly from:

- **Expert tips & tricks for your appliance**
- **Warranty extension options**
- **Discounts for accessories & spare-parts**
- **Digital manual and all appliance data at hand**
- **Easy access to Bosch Home Appliances Service**

Free and easy registration – also on mobile phones:
www.bosch-home.com/welcome

Looking for help? You´ll find it here.

Expert advice for your Bosch home appliances, need help with problems or a repair from Bosch experts.
Find out everything about the many ways Bosch can support you:
www.bosch-home.com/service
Contact data of all countries are listed in the attached service directory.

Robert Bosch Hausgeräte GmbH
Carl-Wery-Straße 34
81739 München
Germany
www.bosch-home.com

9001389288
980619