

BS 450/451

BS 454/455

Combi-steam oven

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Additional information on products, accessories, replacement parts and services can be found at www.gaggenau.com and in the online shop www.gaggenau.com/zz/store

⚠ Important safety information

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 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 correctly. See description of accessories in the instruction manual.

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.
- 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.

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.
- Hot steam may escape during operation. Do not touch the ventilation openings. Keep children away.
- Bulbs become very hot when switched on. There is still a risk of burning for some time after they have been switched off. Allow the bulbs to cool down before cleaning the appliance. Switch off appliance light during cleaning.

Risk of scalding!

- 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.
- The water in the evaporator dish is still hot even after the appliance has been switched off. Do not empty the evaporator dish immediately after switching off the appliance. Allow the appliance to cool down before cleaning it.
- Hot liquid may spill over the sides of the accessory when it is removed from the cooking compartment. Remove hot accessories with care and always wear oven gloves.

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.
- The insulation of an incompatible meat probe may be damaged. Only use the meat probe which is recommended for this appliance.

Causes of damage

Caution!

- Do not place anything on the cooking compartment floor. Do not cover it with aluminium foil. A build-up of heat could damage the appliance. The cooking compartment floor and the evaporator dish must always be kept clear. Always place ovenware in a perforated cooking container or on a wire rack.
- Aluminium foil in the cooking compartment must not come into contact with the door panel. This could cause permanent discolouration of the door panel.
- We recommend you use a mineral water low in chloride and without added carbonic acid if your tap water contains large amounts of chloride (>40 mg/l). You can inquire with your local water supply company to obtain information about your tap water.
- Ovenware must be heat and steam resistant. Silicone baking tins are not suitable for combined operation with steam.
- Use only original accessories in the cooking compartment. Rusting material (such as serving platters or knives and forks) can cause corrosion in the oven interior.
- Use original small parts (e.g. knurled nuts) only. Order small parts from our after-sales service if these should be lost.
- Dripping liquids: When steaming with a perforated cooking container, always insert the baking tray, the universal pan or the solid cooking container underneath. Dripping liquid is caught.
- Do not store moist food in the closed cooking compartment for long periods. It can lead to corrosion in the cooking compartment.
- Salt, spicy sauces (e.g. ketchup or mustard) or salted dishes (e.g. cured roast) contain chloride and acids. These corrode the surfaces of stainless steel. Always remove residues immediately.
- Fruit juice may leave stains in the cooking compartment. Always remove fruit juice immediately and wipe the cooking compartment with a moist and dry cloth.
- Improper care of the appliance may lead to corrosion in the cooking compartment. Refer to the care and cleaning instructions in the instruction manual. Clean the cooking compartment each time you use it as soon as the appliance has cooled down. After cleaning the cooking compartment, use the drying programme to dry it.
- Do not detach the door seal. The appliance door will no longer close properly if the door seal is damaged. The fronts of adjacent units could be damaged. Have the door seal replaced.
- 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

- Open the appliance door as little as possible while cooking.
- Use dark, black lacquered or enamelled baking tins for baking. They absorb the heat particularly well.
- It is best to bake several cakes one after the other. The oven will still be hot. This reduces the baking time for the second cake. You can also place two loaf tins next to each other.
- For longer cooking times, you can switch off the steam oven 10 minutes before the end of the cooking time and you can use the residual heat to finish cooking.
- When steaming, you can cook simultaneously on several levels. If dishes require different cooking times, insert the dishes that require the longest time first.

Environmentally-friendly disposal

Dispose of packaging in an environmentally-friendly manner.

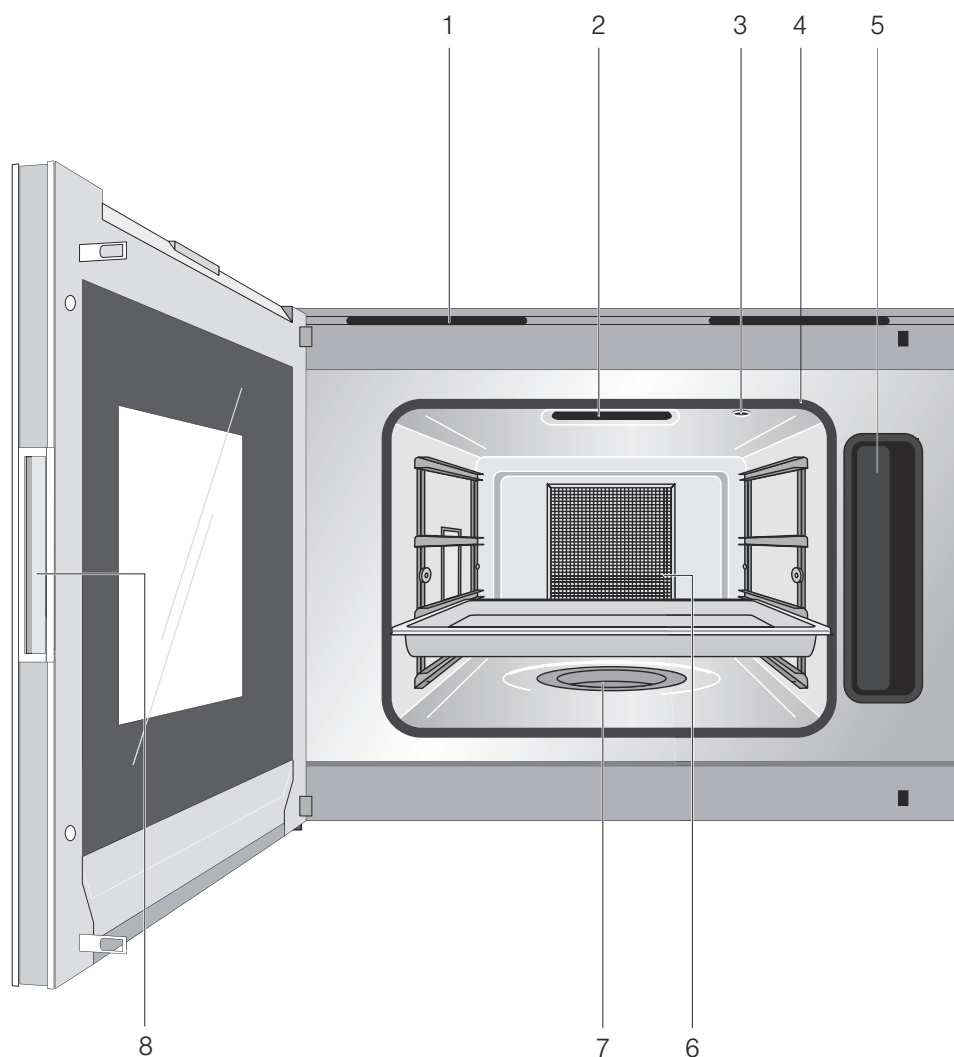


This appliance is labelled in accordance with European Directive 2012/19/EU concerning used electrical and electronic appliances (waste electrical and electronic equipment - WEEE). The guideline determines the framework for the return and recycling of used appliances as applicable throughout the EU.

Getting to know the appliance

Use this section to familiarise yourself with your new appliance. The control panel and the individual operating controls are explained. You will find information on the cooking compartment and the accessories.

Steam oven



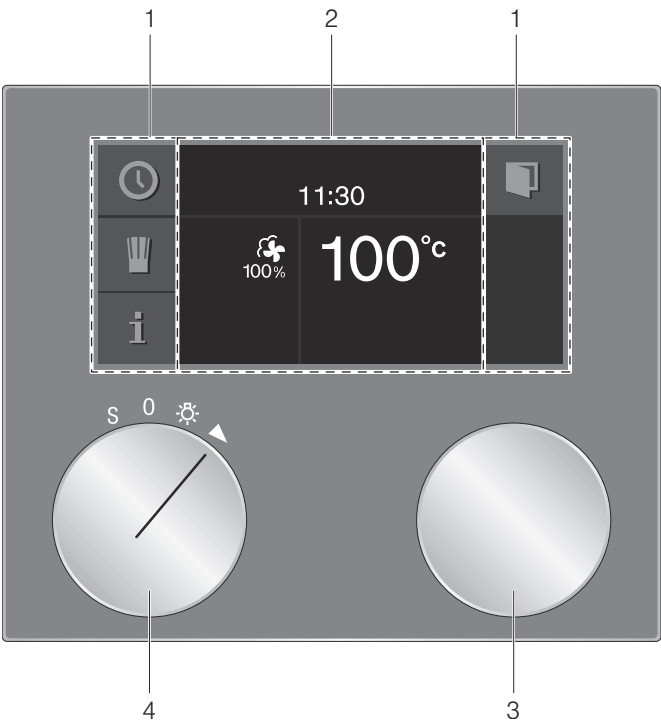
1	Ventilation opening
2	Air flap
3	Socket for core temperature probe
4	Door seal
5	Water tank
6	Grease filter
7	Evaporating dish
8	Recessed handle

Display and operating controls

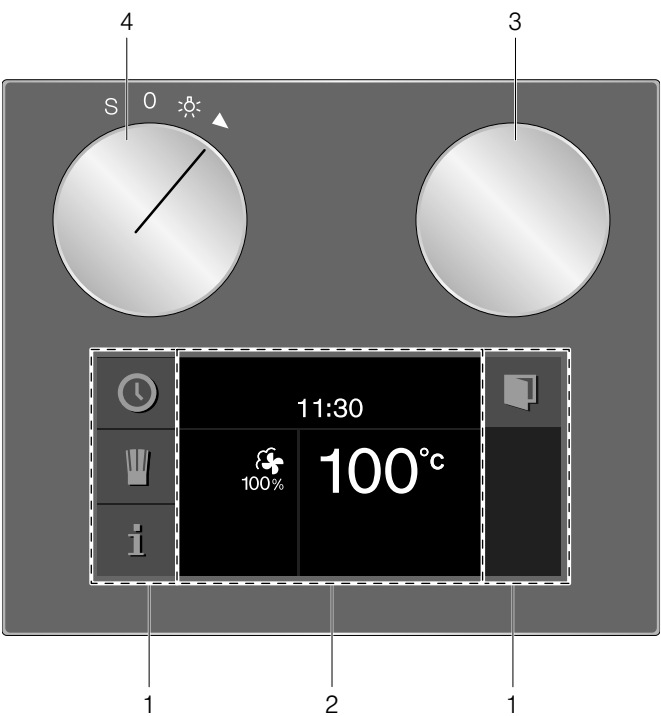
These instructions are valid for different versions of the appliance. Depending on the appliance model, some details may differ.

All versions of the appliance are operated in an identical manner.

Operating controls on the upper side of the appliance



Operating controls on the lower side of the appliance



1	Control panel	These areas are touch sensitive. Touch a symbol to select the corresponding function.
2	Display	The display shows, for example, current settings and options.
3	Rotary selector	You can use the rotary selector to set the temperature and to make further settings.
4	Function selector	The function selector is used to select the type of heating, the cleaning function or the basic settings.

Symbols

Symbol	Function
▶	Start
■	Stop
	Pause/End
x	Cancel
C	Delete
✓	Confirm/save settings
>	Selection arrow
🚪	Open appliance door
i	Call up additional information
⬆	Heating up with status indicator
🍷	Call up individual recipes
rec ●	Record menu
↘	Edit settings
>A ^A	Enter name
✕	Delete letters
🔒	Child lock
🕒	Call up timer menu
🕒	Call up long-term timer
🔧	Demo mode
📶	Call up core temperature probe

Colours and display

Colours

The different colours are used to guide the user in the relevant setting situations.

Orange	Initial settings Main functions
Blue	Basic settings Cleaning
White	Values which can be set

Appearance


Depending on the situation, the appearance of symbols, values or the entire display changes.

Zoom	The setting that you are changing will appear larger on the display. If you have set a time and it is about to run out, it will appear larger on the display just before it runs out (e.g. 60 seconds before the end, if you have set the timer).
Pared-down display	After a short while, the amount of information shown on the display will be reduced and only the most important information will remain. This function is pre-set and can be changed in the basic settings.

Additional information i and i[®]

By touching the **i** symbol, you can call up additional information. For example, information on the heating function set or on the current temperature of the cooking compartment.

Note: During continuous operation, small fluctuations in temperature are normal after the oven has heated up.

The **i[®]** symbol is displayed for important information and action prompts. Important information on safety and operation mode are occasionally shown automatically. These messages either disappear automatically after a few seconds or must be confirmed with .

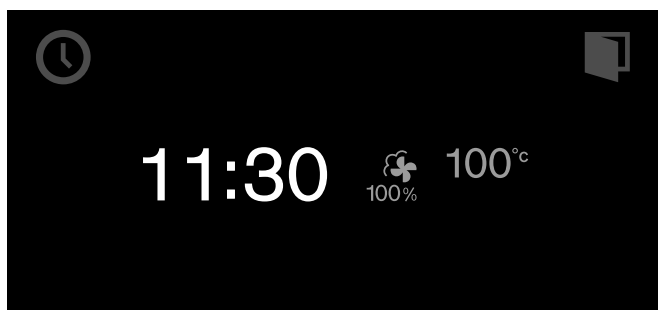
Cooling fan

Your appliance has a cooling fan. The cooling fan switches on during operation. Depending on the appliance version, the hot air escapes above or under the door.

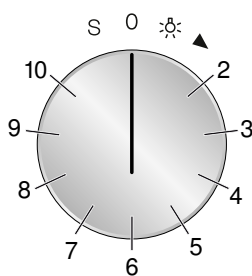
After removing cooked food, keep the door closed until the appliance cools down. The appliance door must not be left ajar, as adjoining kitchen furniture may be damaged. The cooling fan continues to run for a certain time after operation and then switches off automatically.

Caution!

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








Function selector positions



Position	Function/heating function	Temperature	Application
0	"Off" position		
1	Light		
2	Hot air + 100% humidity	30 - 230 °C Default temperature 100 °C	Steaming at 70 °C - 100 °C: For vegetables, fish and side dishes. The food is completely surrounded by steam Combination mode at 120 °C - 230 °C: For puff pastry, bread and bread rolls. Hot air and steam are combined.
3	Hot air + 80% humidity	30 - 230 °C Default temperature 170 °C	Combination mode: For puff pastry, meat and poultry. Hot air and steam are combined.
4	Hot air + 60% humidity	30 - 230 °C Default temperature 170 °C	Combination mode: For yeast-risen baked goods and bread. Hot air and steam are combined.
5	Hot air + 30% humidity*	30 - 230 °C Default temperature 170 °C	Cooking without added liquid: For baked goods With this setting, no steam is generated and the ventilation flap is closed. Any moisture escaping from the food therefore remains in the cooking compartment and prevents the food from drying out.
6	Hot air + 0% humidity	30 - 230 °C Default temperature 170 °C	Hot air: For cakes, biscuits and bakes. The fan in the back panel of the oven distributes the heat evenly throughout the cooking compartment.
7	Dough proving	30 - 50 °C Default temperature 38 °C	Proving: For yeast dough and sourdough. Dough will rise considerably more quickly than at room temperature. Hot air and steam are combined so that the surface of the dough does not dry out. The optimal temperature setting for yeast dough is 38 °C.
8	Defrost	40 - 60 °C Default temperature 45 °C	For vegetables, meat, fish and fruit. The moisture transfers the heat to the food, gently defrosting it without impairing its quality. The food does not dry out or lose its shape.
9	Reheat	60 - 180 °C Default temperature 120 °C	For cooked food and baked goods. Cooked food is gently reheated without impairing its quality. The steam ensures that the food does not dry out. Reheat plated meals at 120 °C and baked goods at 180 °C.
10	Low-temperature cooking	30 - 90 °C Default temperature 70 °C	Low-temperature cooking for meat. Gentle slow cooking for a particularly tender result.

* Heating function used to determine the energy efficiency class in accordance with EN60350-1.

Position	Function/heating function	Temperature	Application
S	 Basic settings		Your appliance can be adjusted to your requirements in the basic settings.
	 Cleaning aid		You can use the cleaning aid to loosen dirt in the cooking compartment with steam.
	 Drying programme		The drying programme dries the cooking compartment after steaming or cleaning.
	 Descaling programme		The descaling programme can be used to remove limescale from the cooking compartment.
	 Cancel the descaling notification		Cancel the notification on the display after descaling.
* Heating function used to determine the energy efficiency class in accordance with EN60350-1.			

Accessories

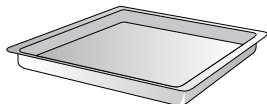
Use only the accessories supplied with the product or available from the after-sales service. They are specially designed for your appliance. Ensure that you always insert the accessories into the cooking compartment the right way round.

Your appliance is equipped with the following accessories:



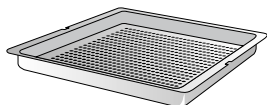
Wire rack

for cookware, cake tins and casseroles and for roasts



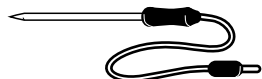
Stainless steel cooking container, unperforated, GN 2/3, 40 mm deep

for cooking rice, pulses and cereals, for baking cake baked on trays and for collecting dripping liquid during steaming



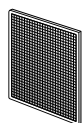
Stainless steel cooking container, perforated, GN 2/3, 40 mm deep

for steaming vegetables or fish, for extracting juice and for defrosting



Core temperature probe

for precise preparation of meat, fish, poultry and bread



Grease filter

protects the fan of the back panel of the cooking compartment from becoming dirty (e.g. from spattering)

Special accessories

You can order the following special accessories from your specialist dealer:

- BA 476 310 Handle, stainless steel
- GN 114 130 Stainless steel cooking container GN 1/3, perforated, 40 mm deep, 1.5 l
- GN 114 230 Stainless steel cooking container GN 2/3, unperforated, 40 mm deep, 3 l
- GN 124 130 Stainless steel cooking container GN 1/3, perforated, 40 mm deep, 1.5 l
- GN 124 230 Stainless steel cooking container GN 2/3, perforated, 40 mm deep, 3 l
- GN 340 230 Cast aluminium roaster GN 2/3, 165 mm high, non-stick coated
- GN 410 130 Stainless steel lid, GN 1/3
- GN 410 230 Stainless steel lid, GN 2/3
- GR 220 046 Wire rack, chrome-plated, with feet

Only use the accessories as specified. The manufacturer accepts no liability if these accessories are used incorrectly.

Before using for the first time

In this section, you can find out what you must do before using your appliance to prepare food for the first time. Read the section entitled 'Important safety information' beforehand.

The appliance must be fully installed and connected to the mains.

After connection to the mains, the "Initial settings" menu appears in the display. You can now make settings for your new appliance.

- Language
- Time format
- Time
- Date format
- Date
- Temperature format
- Water hardness

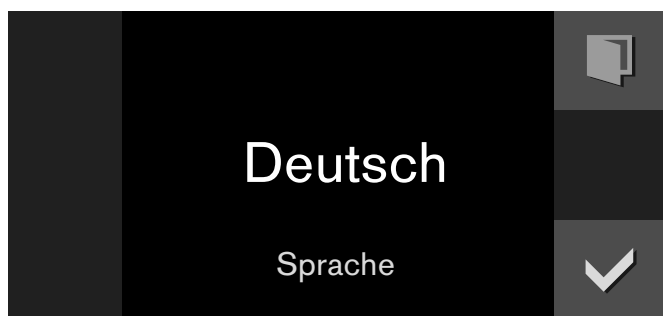
Notes

- The "Initial settings" menu will appear only after the appliance has been connected to a power supply and switched on for the first time, or if the appliance has not been connected to a power supply for a number of days. Once the appliance has been connected to a power supply, the GAGGENAU logo will appear first for approximately 30 seconds. The "Initial settings" menu will then appear automatically.
- You can change the settings at any time (see section entitled 'Basic settings').

Setting the language

The preset language appears in the display.

- 1 Turn the rotary selector to select the required display language.
- 2 Confirm with ✓.

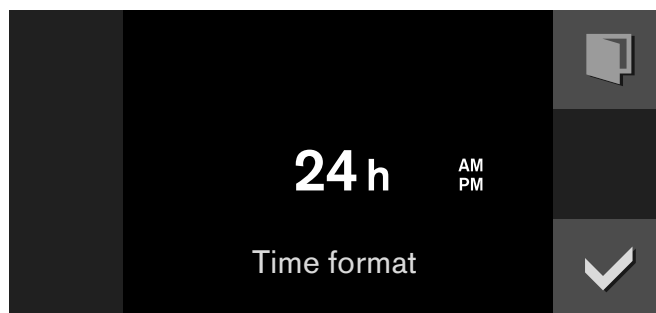


Note: If the language is changed, the system restarts. This takes a few seconds.

Setting the time format

The two possible formats 24h and AM/PM appear in the display. The default is the 24h format.

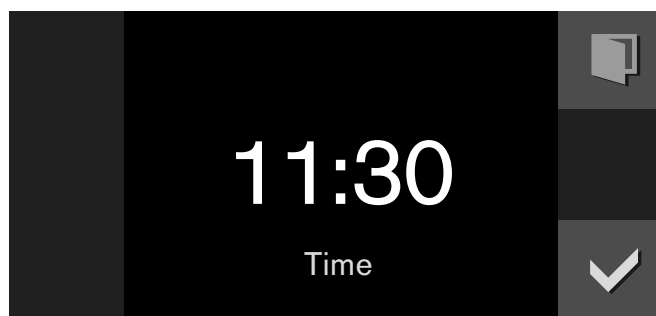
- 1 Use the rotary selector to select the desired format.
- 2 Confirm with ✓.



Setting the clock

The time is shown in the display.

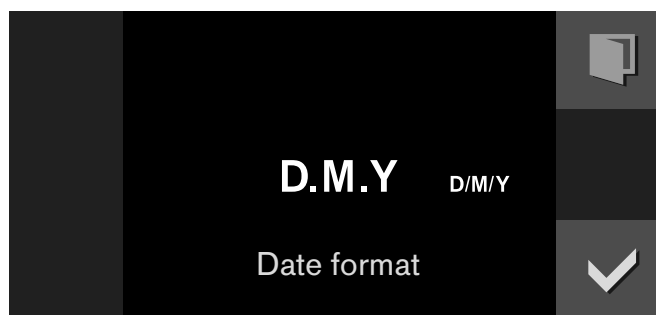
- 1 Set the desired time using the rotary selector.
- 2 Confirm with ✓.



Setting the date format

The three possible formats D.M.Y, D/M/Y and M/D/Y appear in the display. The default is the D.M.Y format.

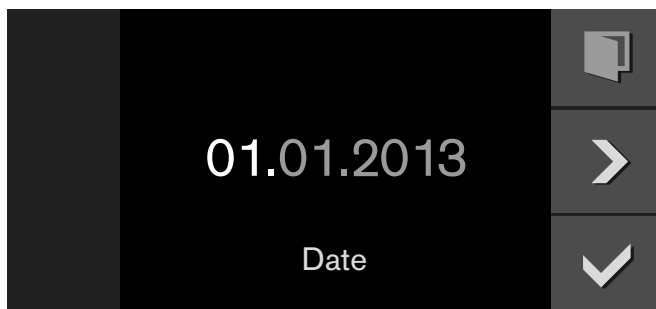
- 1 Use the rotary selector to select the desired format.
- 2 Confirm with ✓.



Setting the date

The preset date appears in the display. The day setting is already active.

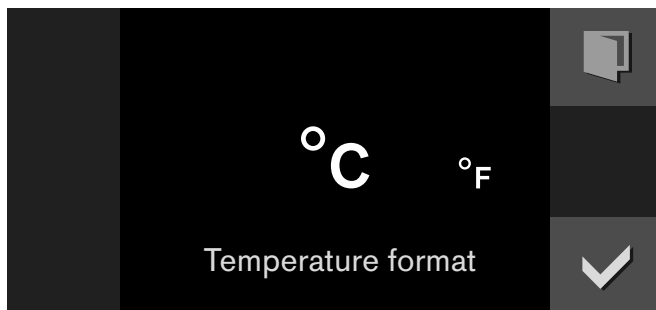
- 1 Set the day using the rotary selector.
- 2 Touch the ➤ symbol to switch to the month setting.
- 3 Set the month using the rotary selector.
- 4 Touch the ➤ symbol to switch to the year setting.
- 5 Set the year using the rotary selector.
- 6 Confirm with ✓.



Setting the temperature format

The two possible formats °C and °F appear in the display. The default setting is °C.

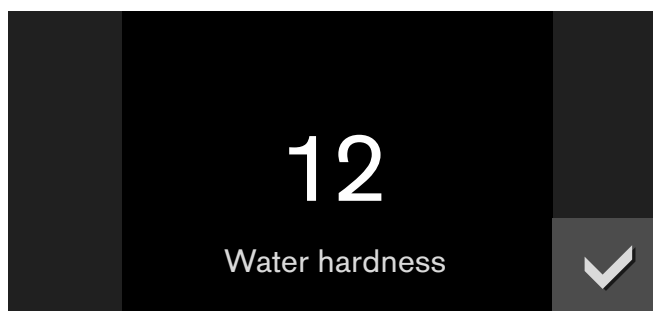
- 1 Use the rotary selector to select the desired format.
- 2 Confirm with ✓.



Setting the water hardness

"Water hardness" appears in the display.

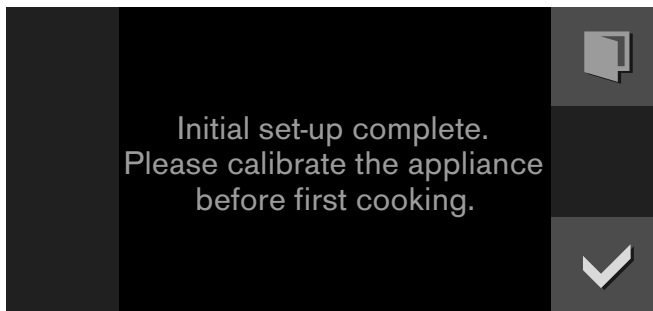
- 1 Check the mains water with the included carbonate hardness test: fill the small measurement tube with mains water up to the 5 ml mark.
- 2 Add drops of indicator solution until the color changes from purple to yellow.
Important: count the drops and carefully swing the measurement tube after every drop until the liquids have mixed thoroughly. The number of drops corresponds to the water hardness.
- 3 Use the rotary selector to set the measured water hardness. The value 12 is set by default.
- 4 Confirm with ✓.



Ending initial set-up

"Initial set-up complete. Please calibrate the appliance before first cooking." appears in the display.

Confirm with ✓.



The appliance enters standby mode and the standby screen appears. The appliance is now ready for operation.

Calibrate the appliance before steaming for the first time. The appliance sets the boiling point.

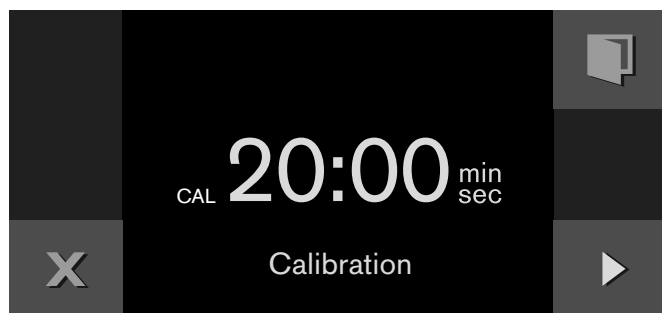
Calibration

The boiling point of water depends on barometric pressure. As air pressure drops with increasing elevation, the boiling point drops as well. During calibration, the appliance sets the boiling point to the pressure conditions at the place where it is installed.

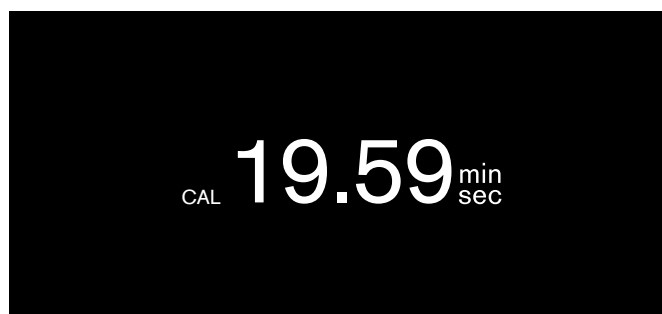
It is important that the appliance steams without interruption for 20 minutes at 100°C. Do not open the appliance door during this time.

Notes

- Calibrate the appliance only when it is cold.
 - During calibration, the appliance generates more steam than it normally would do.
- 1 Turn the function selector to **S**.
 - 2 Select "Basic settings" using the rotary selector.
 - 3 Touch the ✓ symbol.
 - 4 Select "Calibration" using the rotary selector.
 - 5 Touch the _ symbol.
 - 6 Fill the water tank with cold water and touch the ✓ symbol.
 - 7 Remove all accessories from the oven interior and touch the ✓ symbol.
 - 8 The duration of 20.00 minutes appears. Touch ► to start calibration.



Calibration begins. The elapsing time is shown on the display.



Note: Do not interrupt calibration. Do not turn the function selector. Do not open the appliance door.

A message appears in the display once calibration has ended. Touch ✓ to confirm and turn the function selector to **0**.

After moving house

Repeat calibration so that the appliance adapts automatically to the new installation location.

After resetting to the factory settings

After resetting to the factory settings in the basic settings menu, you must repeat calibration.

Following a power cut

The appliance saves the calibration settings even in the event of a power cut or disconnection from the mains. Recalibration is not necessary.

Grease filter

Hook the enclosed grease filter onto the hot air grille in the back wall of the cooking compartment.

Leave the grease filter in the cooking compartment for all applications. Clean the grease filter with hot soapy water or in the dishwasher every time heavy dirt deposits have been left behind after cooking.

Cleaning the door panel

The door seal has been greased in the factory to make it leaktight. There may be traces of grease left on the door panel.

Clean the door panel with glass cleaner and a window cloth or microfibre cloth before using the appliance for the first time. Do not use glass scrapers.

Cleaning accessories

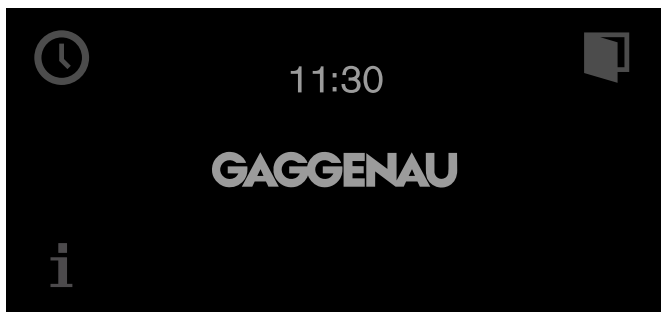
Before using the accessories for the first time, clean them thoroughly using hot detergent solution and a soft cloth.

Activating the appliance

Standby

The appliance goes into standby mode if no function has been set or the child lock is activated.

The brightness of the control panel is dimmed in standby mode.



Notes

- Different displays are available for standby mode. The default setting is the GAGGENAU logo and the clock. To change the display, refer to the Basic settings section.
- The brightness of the display depends on the vertical viewing angle. You can adjust the display using the "Brightness" setting in the basic settings.

Activating the appliance

To exit standby mode, you can either

- Turn the function selector,
- Touch a control panel,
- Open or close the door.

You can now set the desired function. You can read about how to set functions in the respective chapters.

Notes

- When "Standby screen = off" is selected in the basic settings, you must turn the function selector to exit standby mode.
- The appliance returns to the standby screen if you have not made any settings for a long time after activation.
- When the door is open, the interior lighting switches off after a short time.

Operating the appliance

Filling the water tank

When you open the appliance door, you will see the water tank on the side.

Caution!

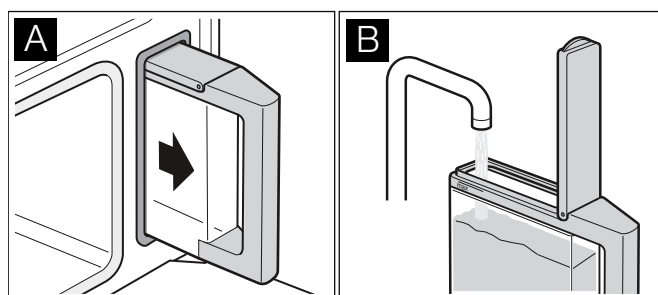
Use of unsuitable liquids may damage the appliance

- Only use fresh tap water, softened water or uncarbonated mineral water.
- If your tap water is very hard, we recommend that you use softened water.
- Do not use distilled water, highly chlorinated tap water (> 40 mg/l) or other liquids.

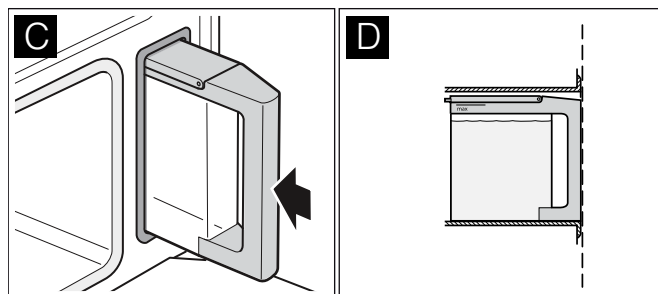
You can obtain information about your tap water from your water supplier. The water hardness can be checked with the test set enclosed.

Fill the water tank before every operation (except for "Hot air + 30% humidity", "Hot air + 0% humidity" and "Drying program"):

- 1 Open the appliance door and take out the water tank (fig. A).
- 2 Fill the water tank with cold water up to the "max" mark (fig. B).



- 3 Close the tank cover until you feel it engage.
- 4 Slide in the water tank all the way (fig. C).

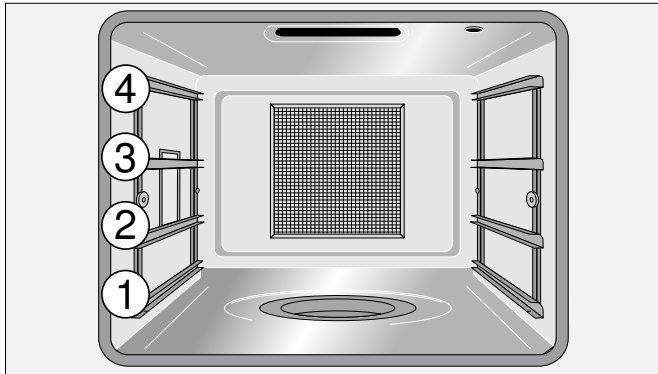


The tank must be flush with the water tank recess (fig. D).

Cooking compartment

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

Note: When steaming, defrosting, dough proofing and regenerating, you can use up to three insertion levels at the same time (levels 2, 3 and 4). You can only bake on one level, use level 2 when baking (or level 1 for higher cake tins).



Caution!

- Do not place anything on the cooking compartment floor. Do not cover it with aluminium foil. A build-up of heat could damage the appliance. The cooking compartment floor and the evaporator dish must always be kept clear. Always place ovenware in a perforated cooking container or on a wire rack.
- Do not slide any accessories between the shelf positions, or they may tip.

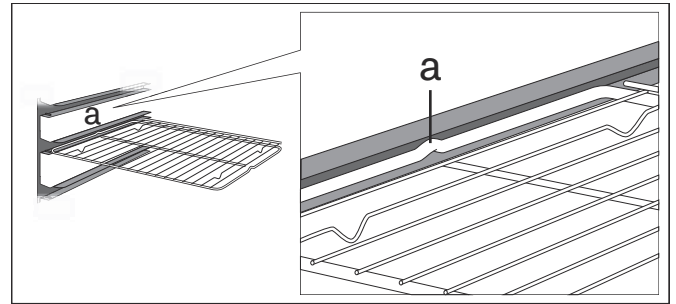
Always fully open the appliance door to the stop. In this position, the open door will not swing back by itself.

Inserting accessories

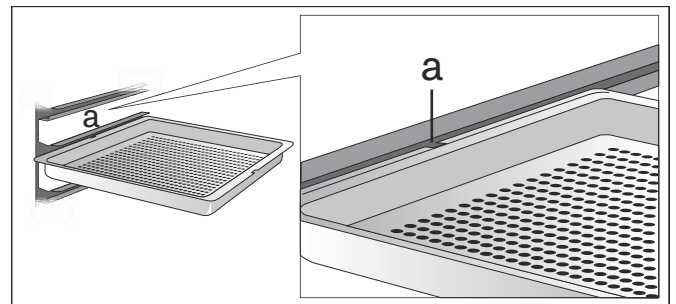
The wire rack and the perforated cooking container feature a locking function. The locking function prevents the accessories from tilting when they are pulled out. The accessories must be inserted into the cooking compartment correctly for the tilt protection to work properly. When removing accessories, you must raise them slightly.

When inserting the wire rack, check

- that the engaging lug (a) is pointing upward
- that the safety bar on the wire rack is at the back and facing upwards.





When pushing in the perforated cooking container, make sure that the recess (a) is pointing to the side.



Switching on

- 1 Set the required heating mode using the function selector. The chosen heating mode and the default temperature are displayed.
- 2 If you want to change the default temperature: set the required temperature with the rotary selector.

The preheating symbol  appears on the display. The bar continuously shows the preheating status. When the set temperature is reached, a signal sounds and the preheating symbol  goes off.

Note: The oven interior lighting stays switched off at a temperature setting below 70°C

Topping up water:

A message appears in the display when the water tank is empty. Fill the water tank up to the "max" mark and insert it again.

Switching off:

Turn the function selector to 0.

After every use

Emptying the water tank.

- 1 Open the appliance door carefully.
Hot steam will escape.
- 2 Remove and clean the water tank.
- 3 Thoroughly dry the seal in the tank cover and the tank recess in the appliance.

Caution!

Do not dry the water tank in the hot cooking compartment. This will damage the water tank.

Drying the cooking compartment

Risk of scalding!

The water in the evaporator dish may still be hot. Let it cool down before emptying it.

- 1 Remove soiling from the cooking compartment as soon as it has cooled down. Burnt-on remains will be much harder to remove later.
- 2 Empty the evaporator dish with the included cleaning sponge.
- 3 Once it has cooled down, wipe out the cooking compartment and the evaporator dish with the enclosed cleaning sponge and dry well with a soft cloth.
- 4 Wipe kitchen units or handles if condensation has formed on them.
- 5 Dry the cooking compartment with the drying programme (see section entitled Drying programme) or leave the appliance door open until the interior has dried completely.

Safety shut-off

For your protection, the appliance is equipped with an automatic safety shut-off. Any heating process is switched off after 12 hours if the oven is not operated in this time. A message appears in the display.

Exception:

The long-term timer has been programmed.


Set the function selector to **0**, then the appliance can be operated again as usual.


Timer functions

You use the timer menu to make the following settings:

 Short-term timer

 Stopwatch

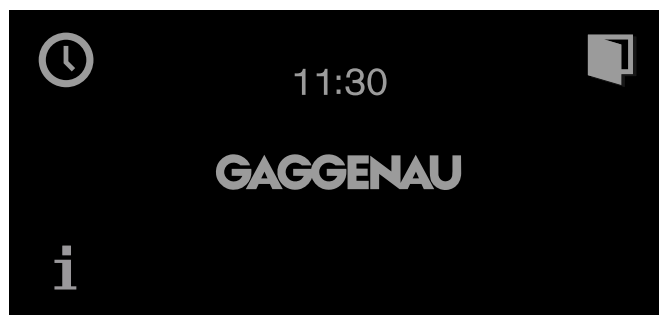
 Cooking time (not in standby mode)

 Cooking time end (not in standby mode)

Calling up the timer menu

You can call up the timer menu from any mode. Only from the basic settings, function selector is set to **S**, the timer menu is not available.

Touch the  symbol.




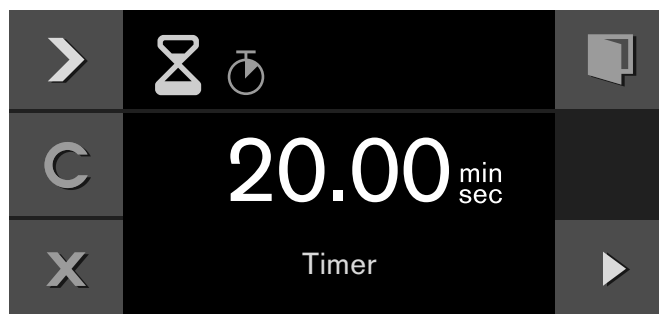
The timer menu is displayed.

Timer

The timer runs independently of the other appliance functions. You can enter a maximum of 90 minutes.

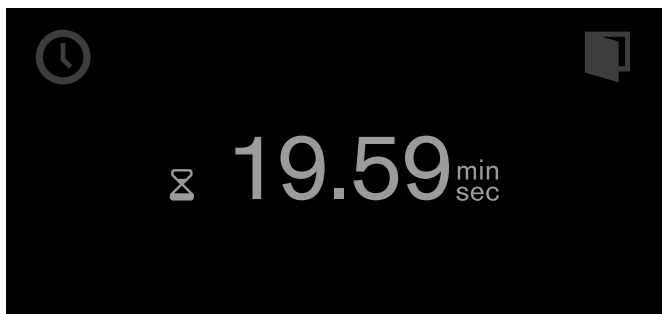
Setting the timer

- 1 Call up timer menu.
The "Timer"  function is displayed.
- 2 Turn the rotary selector to set the required cooking time.



- 3 Start with .

The timer menu closes and the time begins to count down. The ⌚ symbol and the countdown appear in the display.



A signal sounds once the time has elapsed. Touch the ✓ symbol to silence.

You can exit the timer menu at any time by touching the ✕ symbol. This erases the settings.

To stop the timer:

Call up timer menu. Touch ➤ to select the "Timer" ⌚ function and touch the || symbol. To allow the timer to continue counting down, touch the ▶ symbol.

Switching off the timer early:

Call up timer menu. Touch ➤ to select the "Timer" ⌚ function and touch the C symbol.

Stopwatch

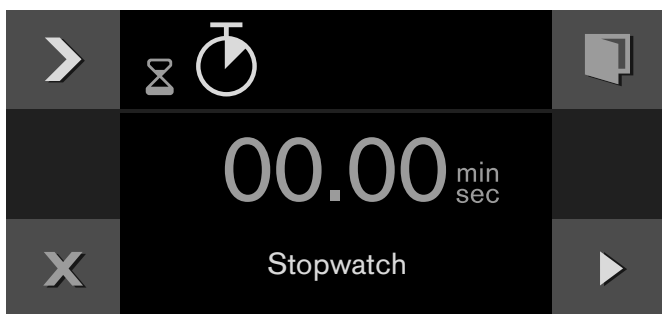
The stopwatch runs independently of the other appliance functions.

The stopwatch counts from 0 seconds up to 90 minutes.

It also has a pause function, which enables you to temporarily stop the clock.

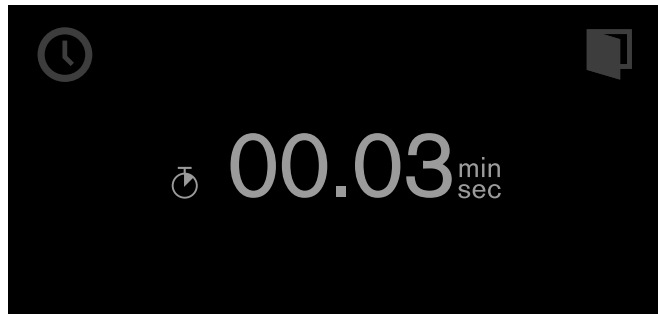
Starting the stopwatch

- 1 Call up the "Timer" menu.
- 2 Touch ➤ to select the ⌚ "Stopwatch" function.



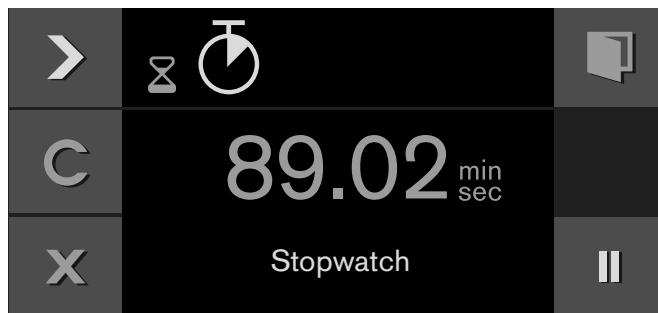
- 3 Press ▶ to start.

The "Timer" menu is closed and the time starts counting down. The ⌚ symbol and the elapsed time are shown in the display.



Pausing and restarting the stopwatch

- 1 Call up the "Timer" menu.
- 2 Touch ➤ to select the ⌚ "Stopwatch" function.
- 3 Touch the || symbol.



The time stops. The symbol changes to ▶ "Start".

- 4 Press ▶ to start.

The time continues to run. When 90 minutes is reached, the display pulsates and a signal sounds. The signal stops when you touch the ✓ symbol. The ⌚ symbol in the display goes out. The process has finished.

To switch off the stopwatch:

Call up the "Timer" menu. Touch ➤ to select the ⌚ "Stopwatch" function and touch the C symbol.

Cooking time

If you set a cooking time for your meal, the appliance switches off heating automatically after the selected time.

You can set a cooking time from 1 minute to 23 hours 59 minutes.

Setting a cooking time

You have set the heating mode and temperature and you have placed your dish in the oven.

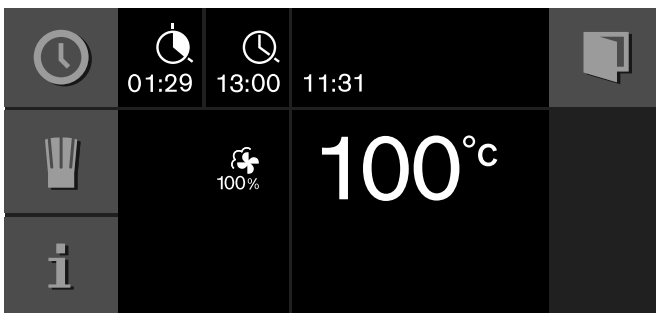
- 1 Touch the ⌚ symbol.
- 2 Use ➤ to select the ⌚ "Cooking time" function.

- 3 Set the desired cooking time using the rotary selector.

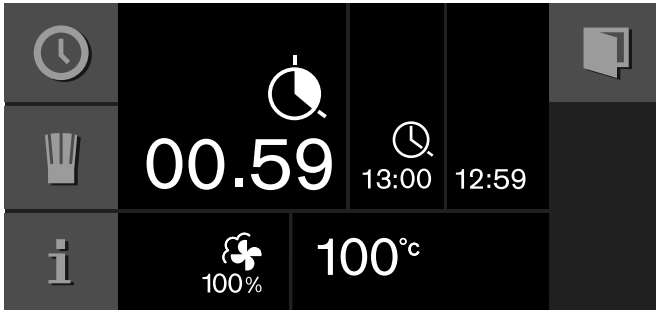


- 4 Press ► to start.

The appliance starts. The timer menu is closed. The settings for temperature, heating mode, elapsing time and cooking time end are shown in the display.



During the last minute of the cooking time the remaining time is displayed in an enlarged format.



The appliance switches off after the cooking time has elapsed. The ⌚ symbol flashes and a signal sounds. The signal stops when you touch the ✓ symbol, open the appliance door, or switch the function selector to 0.

Changing the cooking time:

Call up the timer menu. Use ► to select the ⌚ "Cooking time" function. Change the cooking time using the rotary selector. Press ► to start.

Clearing the cooking time:

Call up the timer menu. Use ► to select the ⌚ "Cooking time" function. Clear the cooking time with C. Return to normal operation with X.

Cancelling the entire operation:

Set the function selector to 0.

Note: You can also change the heating mode and temperature during the cooking time.

End of cooking time

You can delay the cooking time end to a later time.

Example: it is 14:00. The dish requires a cooking time of 40 minutes. You want it to be ready at 15:30.

Enter the cooking time and delay the cooking time end until 15:30. The electronics system calculates the start time. The appliance starts automatically at 14:50 and switches off at 15:30.

Bear in mind that food which spoils easily should not be left in the cooking compartment for too long.

Delaying the cooking time end

You have set the heating mode, temperature and cooking time.

- 1 Touch the ⌚ symbol.
- 2 Use ► to select the ⌚ "Cooking time end" function.



- 3 Set the desired cooking time end using the rotary selector.

- 4 Press ► to start.



The appliance switches to standby. The heating mode, temperature, cooking time and cooking time end appear in the display. The appliance starts at the calculated time and switches off automatically when the cooking time has elapsed.

Note: If the ⌚ symbol flashes: You have not set the cooking time. Always set the cooking time first.

Once the cooking time has elapsed, the appliance switches off. The ⌚ symbol flashes and an audible signal sounds. The signal stops early if you touch the ✓ symbol, open the appliance door, or set the function selector to 0.

To change the cooking time end:

Call up the timer menu. Use ➤ to select the ⌚ "Cooking time end" function. Set the desired cooking time end using the rotary selector. Press ▶ to start.

To terminate the whole procedure:

Set the function selector to 0.

Long-term timer

With this function, the appliance maintains a temperature between 50 und 230 °C with the "Hot air" heating function.

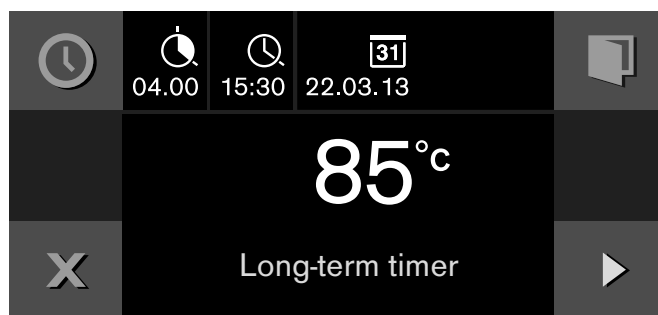
You can keep food warm for up to 74 hours without having to switch the appliance on or off.

Bear in mind that food which spoils easily should not be left in the oven for too long.

Note: You must set the long-term timer to "available" in the basic settings (refer to the Basic settings section).

Setting the long-term timer

- 1 Set the function selector to ⌚.
- 2 Touch the ⌚ symbol.
The default value 24 hrs at 85 °C appears in the display. Press ▶ to start
–or–
Change the cooking time, the cooking time end and the switch-off date.



- 3 Changing the cooking time ⌚:
Touch the ⌚ symbol. Set the required cooking time using the rotary selector.
- 4 Changing the cooking time end ⌚:
Touch the ➤ symbol. Set the required cooking time end using the rotary selector.
- 5 Changing the switch-off date 📅:
Touch the ➤ symbol. Set the required switch-off date with the rotary selector. Confirm with ✓.
- 6 Changing the temperature:
Set the required temperature with the rotary selector.
- 7 Press ▶ to start.

The appliance starts. ⌚ and the temperature appear in the display.

The oven and display lighting are switched off. The control panel is locked; no key tone sounds when you touch the touch keys.

Once the set time has elapsed, the appliance stops heating. Turn the function selector to 0.

Switching off:




To end the process, turn the function selector to 0.

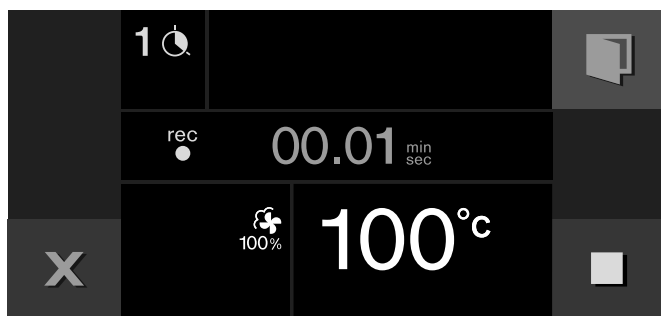
Individual recipes


It is possible to save up to 50 individual recipes. You can record a recipe. These recipes can be given a name so that they can be called up quickly and conveniently when required.

Recording a recipe

It is possible to consecutively set up to 5 phases and to record at the same time.

- 1 Select the required heating mode using the function selector.
The  symbol is displayed.
- 2 Touch the  symbol.
- 3 Select a free memory location by turning the rotary selector.
- 4 Touch the  symbol.





- 5 Select the required temperature using the rotary selector.
- 6 The cooking time is recorded.
- 7 To record another phase:
Select the required heating mode using the function selector. Set the temperature using the rotary selector. This begins a new phase.
- 8 If the dish has achieved the desired cooking result, touch the  symbol to finish the recipe.
- 9 Enter the name in "ABC" (refer to the Entering names section).

Notes





- Recording of a phase starts only once the selected temperature has been reached.
- The minimum duration of each phase is 1 minute.
- During the first minute of a new phase it is possible to change the heating mode or the temperature.

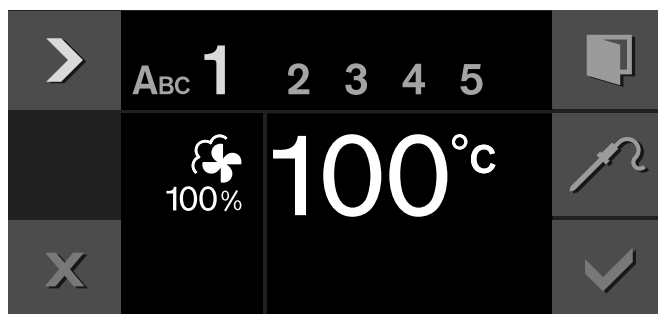
Set a core temperature for a phase:





Connect the core temperature probe to the socket in the oven. Set the heating mode and the temperature. Touch the  symbol. Select the core temperature using the rotary selector and touch  to confirm.

Programming a recipe




You can programme and save up to 5 preparation phases.

- 1 Turn the function selector to the desired type of heating. Turn the rotary selector to set the desired temperature.
The  symbol is displayed.
- 2 Touch the  symbol.
- 3 Select a free memory location by turning the rotary selector.
- 4 Touch the  symbol.
- 5 Enter the name in "ABC" (see the Entering names chapter).
- 6 Use the  symbol to select the first phase.
The type of heating and temperature at the beginning is displayed. You can change the type of heating and the temperature by using the rotary selectors.



- 7 Use the  symbol to select the time setting.
- 8 Turn the rotary selector to set the desired cooking time.
- 9 Use the  symbol to select the next phase.
- or -
Preparation is complete, finish making entries.
- 10 Save with .
- or -
Cancel with  and exit the menu.

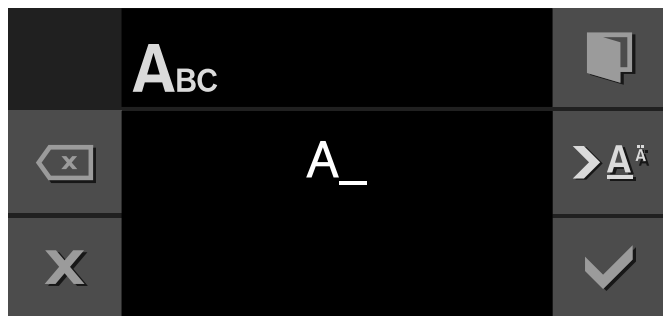
Entering the core temperature for a phase:

Use the  symbol to select the next phase. Setting the type of heating and temperature. Touch the  symbol. Using the rotary selector, enter the desired core temperature and confirm with .

Note: No cooking time can be entered for phases with programmed core temperatures.

Entering names

- 1 Enter the name of the recipe in "ABC".



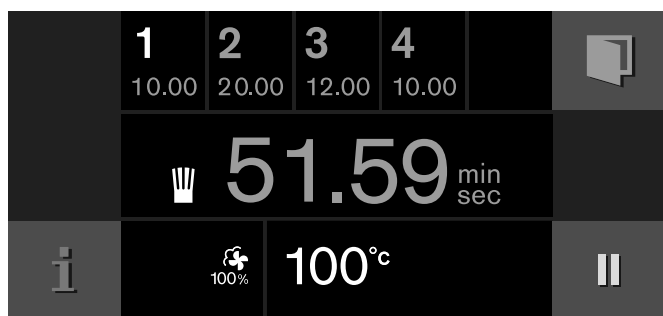
Rotary selector	Select letters A new word always begins with a capital letter.
➤Â	Press briefly: moves the cursor right Press and hold: shifts to umlauts and special characters Press twice: adds a line break
➤Ä	Press briefly: moves the cursor right Press and hold: shifts to normal characters Press twice: adds a line break
⌫	Deletes letters

- 2 Save with ✓.
- or -
Cancel with X and exit the menu .

Note: For entering a name, Latin characters, certain special characters and numbers are available.

Starting recipes

- 1 Set the function selector to any heating mode.
The 🍷 symbol is displayed.
- 2 Touch the 🍷 symbol. Use the rotary selector to select the required recipe.
- 3 Press ▶ to start.
Operation starts. The cooking time starts counting down in the display.
The settings for each phase are shown in the display.



Notes

- The cooking time does not start counting down until the appliance has reached the set temperature.
- You can use the rotary selector to change the temperature while the recipe is in progress. This does not change the saved recipe.

Change recipe

You can change the settings of a recorded or programmed recipe.

- 1 Turn the function selector to the any type of heating.
The 🍷 symbol is displayed.
- 2 Touch the 🍷 symbol.
- 3 Use the rotary selector to select the desired recipe.
- 4 Touch the 🍷 symbol.
- 5 Use the ➤ symbol to select the desired phase.
The programmed type of heating, temperature and cooking time are displayed. You can use the rotary selector or function selector to change the settings.
- 6 Save with ✓.
- or -
Cancel with X and exit the menu.

Deleting recipes

- 1 Set the function selector to any type of heating.
The 🍷 symbol is displayed.
- 2 Touch the 🍷 symbol.
- 3 Use the rotary selector to select the desired recipe.
- 4 Delete the recipe with C.
- 5 Confirm with ✓.

Core temperature probe

The core temperature probe enables exact cooking to the spot. It measures the temperature inside the food being cooked. Automatic switching off when the desired core temperature is reached ensures that each food is cooked precisely.

Use the included core temperature probe only. You can purchase one as a spare part from after-sales service or in the online shop.

The core temperature probe can be damaged at temperatures above 250°C. Therefore, only ever use it in your oven up to a temperature of 230°C.

Always remove the core temperature probe from the oven after use. Never store it in the oven.

After every use, clean the core temperature probe with a moist cloth. Do not wash it in a dishwasher!

⚠ Risk of electric shock!

The insulation of an incompatible meat probe may be damaged. Only use the meat probe which is recommended for this appliance.

⚠ Risk of burns!

The cooking interior and the core temperature probe become very hot. Use oven mitts to plug and unplug the core temperature probe.

Inserting the core temperature probe in the food to be cooked

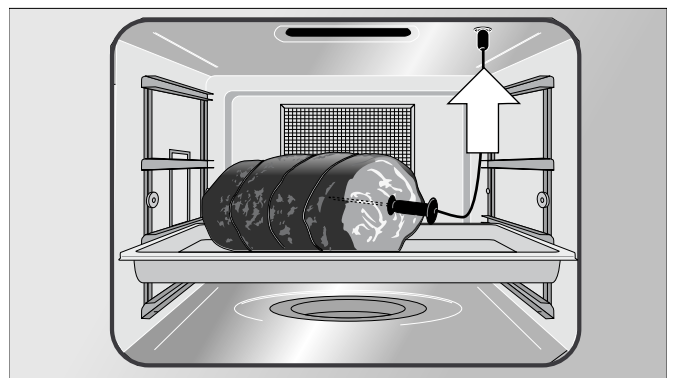
Insert the core temperature probe in the food to be cooked before you place it in the cooking interior.

Insert the metal tip at the thickest point in the food to be cooked. Make sure that the end of the tip is approximately in the centre. It must not be placed in the fat and must not touch any cookware or bones.




If there are several pieces, insert the core temperature probe in the middle of the thickest piece.

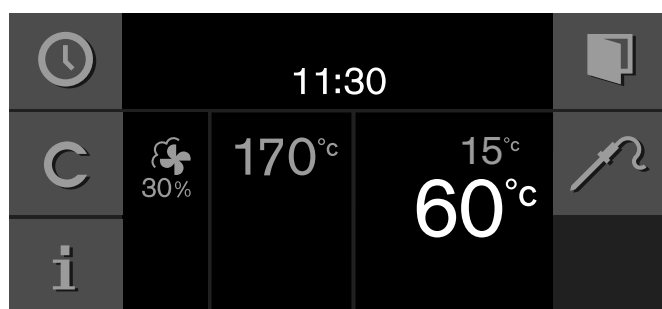
Insert the core temperature probe completely, if possible.

In the case of poultry, make sure that the tip of the core temperature probe is not in the cavity in the centre, but in the meat between the belly and upper leg.




Setting the core temperature

- 1 Insert food into the oven interior with the core temperature probe inserted. Insert the core temperature probe in the socket in the oven interior and close the appliance door.
Do not jam the core temperature probe's cable!  and the current core temperature appear in the display.
- 2 Set the function selector to the required heating mode.
- 3 Set the oven interior temperature with the rotary selector.
- 4 Touch the  symbol. With the rotary selector, set the required core temperature and confirm it with .
The set core temperature must be higher than the current core temperature.





- 5 The appliance heats with the set heating mode. The current core temperature is displayed and, under it, the set core temperature.
You can change the set core temperature at any time.

A signal sounds when the set core temperature in the food has been reached. The cooking mode is ended automatically. Confirm with  and turn the function selector to 0.


Notes

- The measurable range is 15 °C to 99 °C. Outside the measurable area, "--°C" is displayed for the current core temperature.
- If you leave food in the cooking compartment for some time after cooking, the core temperature continues to rise somewhat due to the residual heat in the cooking compartment.
- If you set the core temperature probe and the cooking timer at the same time, the appliance switches off whichever programme reaches the entered value first.

Changing the set core temperature:

Touch the  symbol. Use the rotary selector to change the set core temperature for the food and confirm with .

Deleting the set core temperature:

Touch the  symbol. Delete the set core temperature with **C**. The appliance continues heating in normal cooking operation.

Core temperature guidelines

Use chilled food only, not frozen food. The details given in the table are guidelines. Results depend on the quality and composition of the food.

For hygiene reasons, critical foodstuffs such as fish and game should reach a core temperature of 62 – 70 °C; for poultry and minced meat this should be as high as 80 – 85 °C.

Food	Core temperature guideline
Beef	
Sirloin, tenderloin, entrecôte	
very rare	45 – 47 °C
rare	50 – 52 °C
medium	58 – 60 °C
well-done	70 – 75 °C
Joint of beef	80 – 85 °C
Pork	
Joint of pork	72 – 80 °C
Loin of pork	
medium	65 – 70 °C
well-done	75 °C
Meat loaf	85 °C
Fillet of pork	65 – 70 °C
Veal	
Joint of veal, well-done	75 – 80 °C
Breast of veal, stuffed	75 – 80 °C
Saddle of veal	
medium	58 – 60 °C
well-done	65 – 70 °C
Fillet of veal	
rare	50 – 52 °C
medium	58 – 60 °C
well-done	70 – 75 °C
Game	
Saddle of venison	60 – 70 °C
Leg of roe venison	70 – 75 °C
Venison loin steaks	65 – 70 °C
Saddle of hare or rabbit	65 – 70 °C
Poultry	
Chicken	85 °C
Guinea fowl	75 – 80 °C
Goose, turkey, duck	80 – 85 °C

Food	Core temperature guideline
Duck breast	
medium	55 – 60 °C
well-done	70 – 80 °C
Ostrich steak	60 – 65 °C
Lamb	
Leg of lamb	
medium	60 – 65 °C
well-done	70 – 80 °C
Saddle of lamb	
medium	55 – 60 °C
well-done	65 – 75 °C
Mutton	
Leg of mutton	
medium	70 – 75 °C
well-done	80 – 85 °C
Saddle of mutton	
medium	70 – 75 °C
well-done	80 °C
Fish	
Fillet	62 – 65 °C
Whole	65 °C
Terrine	62 – 65 °C
Miscellaneous	
Bread	96 °C
Paté	72 – 75 °C
Terrine	60 – 70 °C
Foie gras	45 °C

Child lock

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


Notes

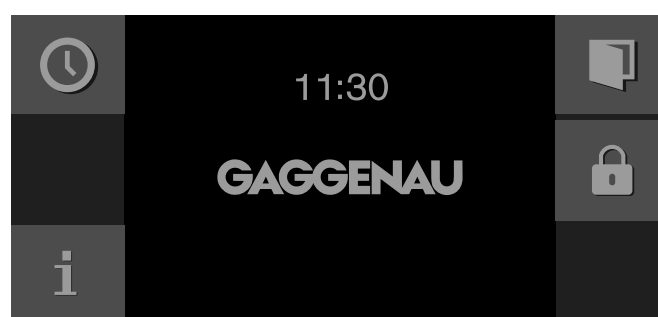
- You need to set the childproof lock to "available" in the basic settings (see section entitled 'Basic settings').
- If there is a power cut after the childproof lock has been activated, the childproof lock may be off when the power comes back on again.


Activate the child lock

Prerequisite:

The function selector is set to **0**.

Touch and hold the  symbol for at least 6 seconds.



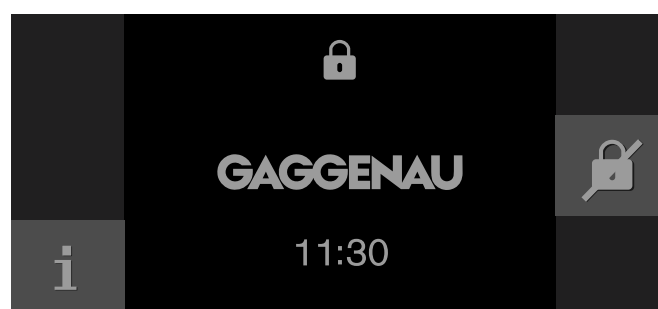
The child lock is activated. The standby screen appears. The  symbol is shown at the top of the display.

Deactivating the child lock

Prerequisite:

The function selector is set to **0**.





Touch and hold the  symbol for at least 6 seconds.

















The child lock is deactivated. You can set the appliance as usual.











Basic settings

Your appliance can be individually adjusted in the basic settings.

- 1 Turn the function selector to **S**.
- 2 Select "Basic settings" using the rotary selector.
- 3 Touch the  symbol.
- 4 Turn the rotary selector to select the required basic setting.
- 5 Touch the  symbol.
- 6 Set the basic setting using the rotary selector.
- 7 Save with  or cancel with  and exit the current basic setting.
- 8 Turn the function selector to **0** to exit the basic settings menu.

The changes are saved.

	Basic setting	Permitted settings	Explanation
	Brightness	Level 1, 2, 3, 4, 5*, 6, 7, 8	Sets the display brightness
	Standby screen	On*/Off - Clock - Clock + GAGGENAU logo* - Date - Date + GAGGENAU logo - Clock + date - Clock + date + GAGGENAU logo	Appearance of the standby screen. Off: No display. Use this setting to reduce the standby consumption of your appliance. On: Several displays can be set, confirm "On" with  and use the rotary selector to select the desired display. The selection is displayed.
	Display	Reduced*/Standard	If the 'Reduced' setting has been selected, only the most important information will be shown on the display after a short time.
	Touch field colour	Grey* / White	Selects the colour of the symbols on the touch fields
	Touch field tone	Tone 1* / Tone 2 / Off	Selects an audible signal for when a touch field is touched
	Touch field tone volume	Level 1, 2, 3, 4, 5*, 6, 7, 8	Sets the volume of the touch field tone
	Preheating signal	On* / Off	The signal tone sounds when the cooking compartment has heated up to the required temperature.
	Signal volume	Level 1, 2, 3, 4, 5*, 6, 7, 8	Sets the volume of the audible signal
	Water hardness	1-18	Use the test kit included to test the water hardness of your mains water. Set the measured water hardness.
	Calibration	Calibrate the appliance	Adjusts the boiling point
	Time format	AM/PM / 24 h*	Display the clock in 24 or 12-hour format
	Time	Current time	Setting the clock
	Clock change	Manual* / Automatic	Automatically changes the clock to daylight-savings time. If automatic: Setting the month, day and week for when the time should be changed over. To be set for both summer and winter time.

	Date format	D.M.Y* D/M/Y M/D/Y	Sets the date format
	Date	Current date	Sets the date. You can switch between year/month/day using the symbol ➤.
	Temperature format	°C* / °F	Sets the temperature unit
	Language	German* / French / Italian / Spanish / Portuguese / Dutch / Danish / Swedish / Norwegian / Finnish / Greek / Turkish / Russian / Polish / Czech / Slovenian / Slovakian / Arabic / Hebrew / Japanese / Korean / Thai / Chinese / English US / English	Select language for text display Note: If the language is changed, the system restarts. This takes a few seconds. The basic settings menu is also closed.
	Factory settings	Restore appliance to factory settings	Confirm the question "Delete all individual settings made and reset to factory settings?" by pressing ✓ or cancel by pressing X. Note: Individual recipes will also be deleted if the appliance is restored to factory settings. After restoring factory settings, the "Initial settings" menu is displayed.
	Demo mode	On / Off*	Only for presentation purposes. The appliance does not heat up in demo mode, all other functions are available. The "Off" setting must be activated for normal operation. The setting is only possible in the first 3 minutes after connecting the appliance to the mains.
	Long-term timer	Not available*/Available	Available: The long-term timer can be set; see section entitled 'Long-term timer'.
	Door lock	Off* / On	The door lock prevents unintentional opening of the appliance door. When "On" is set, you must touch the  symbol for several seconds before the door opens.
	Childproof lock	Not available*/Available	Available: The childproof lock can be activated (see section entitled 'Childproof lock').

* Factory setting

Cleaning and maintenance

With thorough care and cleaning your appliance will retain its looks and remain in good order. We will explain here how you should care for and clean your appliance correctly.

Risk of electric shock!

Do not use any high-pressure cleaners or steam cleaners, which can result in an electric shock.

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.

Risk of burns!

Bulbs become very hot when switched on. There is still a risk of burning for some time after they have been switched off. Allow the bulbs to cool down before cleaning the appliance. Switch off appliance light during cleaning.

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.

Cleaning agents

Pay attention to the information in the table to avoid damaging the various surfaces by incorrect cleaning agents.

Do not use

- harsh or abrasive cleaning agents
- metal or glass scrapers to clean the glass on the appliance door
- metal or glass scrapers to clean the door seal
- hard abrasive pads or cleaning sponges

Thoroughly rinse out new sponge cloths before use.

Area	Cleaning products
Door panels	Glass cleaner: Clean with a dish cloth. Do not use glass scrapers.
Display	Wipe down using a microfibre cloth or a slightly damp cloth. Do not wipe with a wet cloth.

Area	Cleaning products
Stainless steel	Hot soapy water: Clean using a dish cloth and then dry with a soft cloth. Remove splashes and patches of limescale, grease, starch and albumin (e.g. egg white) immediately. Corrosion can form under these patches or splashes. Special stainless-steel cleaning products are available from our after-sales service or from specialist retailers.
Aluminium	Clean with a mild window cleaning product. Using a window cloth or a lint-free microfibre cloth, wipe over the surfaces lightly in a horizontal direction.
Stainless steel or enamelled cooking compartment	<p>Hot soapy water: Clean with a dish cloth and dry with a soft cloth.</p> <p>Do not use oven spray or any other aggressive oven cleaners or abrasive materials. Scouring pads, rough sponges and pan cleaners are also unsuitable. These items scratch the surface.</p> <p>For regular care, use cooking compartment care products in accordance with the manufacturer's instructions (order number 667027 from our after-sales service or from our online shop).</p> <p>Caution!</p> <ul style="list-style-type: none">– Do not spray cleaning product into the ventilation flap on the top of the cooking compartment.– If traces of cleaning product are left on the surface, patches and marks can appear when the cooking compartment is heated up. Wash off all traces of cleaning and care product thoroughly with clean water before drying the cooking compartment. <p>Always dry the cooking compartment after cleaning it (see section entitled <i>Drying programme</i>).</p>
Very dirty stainless steel or enamelled cooking compartment	<p>Cleaning gel spray for ovens (order number 00311860 from our after-sales service or our online shop).</p> <p>Please note:</p> <ul style="list-style-type: none">● The gel must not come into contact with the seals on the door, light or evaporator dish.● Leave for no more than 12 hours.● Do not use on hot surfaces.● Rinse off thoroughly with water.● Follow the manufacturer's instructions.
Glass cover for the cooking compartment light	Hot soapy water: Clean with a dish cloth.
Grease filter	Dishwasher
Water tank	Hot soapy water. Do not clean in the dishwasher. Dry the seal in the lid thoroughly. Leave to dry with the lid open.
Tank recess	Rub dry after every use.

Area	Cleaning products
Door seal Do not remove.	Hot soapy water: Clean with a dish cloth and do not scour. Do not use metal or glass scrapers for cleaning.
Core temperature probe	Wipe with a damp cloth. Do not clean in the dishwasher.
Cooking container, wire rack	Dishwasher or hot soapy water. Soak burnt-on remnants and remove with a brush.
Shelf supports	Dishwasher or hot soapy water; see section entitled <i>Removing the shelf supports</i>

Cleaning sponge

The enclosed cleaning sponge is very absorbent. Use the cleaning sponge only for cleaning the cooking compartment and for removing residual water from the evaporator dish.

Wash the cleaning sponge thoroughly before using for the first time. You can wash the cleaning sponge in the washing machine (hot wash).

Microfibre cloth



The honeycomb microfibre cloth is particularly suitable for cleaning sensitive surfaces such as glass, glass ceramic, stainless steel or aluminium (part number 00460770 from our after-sales service or from our online shop). It removes liquid and greasy deposits in one go.


Cleaning aid

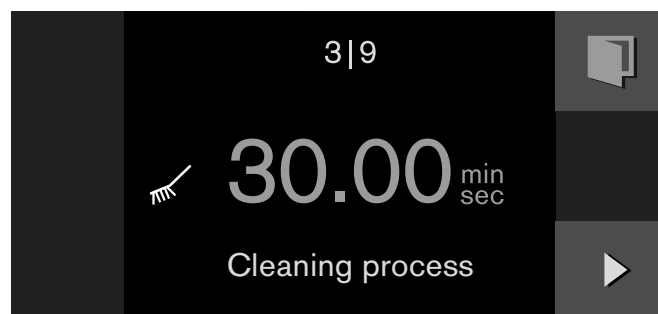
The cleaning aid loosens stubborn dirt in the cooking compartment and makes cleaning easier.



The cleaning aid consists of the cleaning step and two rinsing steps.

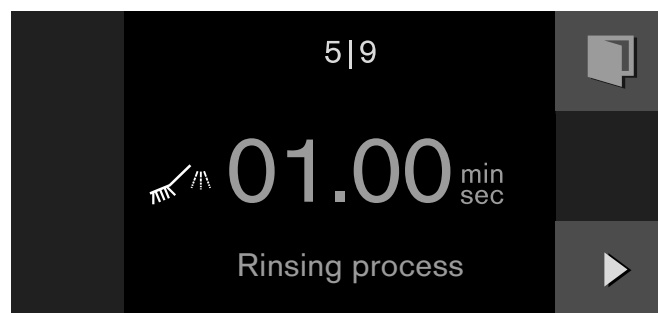
Starting the cleaning aid



- 1 Set the function selector to **S**.
- 2 The  symbol is displayed. Confirm with .
- 3 Remove accessories and the grease filter from the cooking compartment. Remove the slide-in wire racks from the cooking compartment (see chapter *Removing the slide-in wire racks*). Wipe out the cooking compartment with washing-up liquid solution.
- 4 Fill the water tank with cold water up to the "max" mark and slide the tank into the tank compartment. Close the appliance door.

- 5 The cleaning time of 30 minutes is displayed. Start with . The cleaning time counts down on the display. The light in the cooking compartment remains switched off.



- 6 A signal sounds after 30 minutes. A message appears on the display.
- 7 Wipe the cooking compartment. Remove cleaning agent residues. Fill the water tank with fresh water. Confirm with .
- 8 The first rinsing process is displayed. Start with . The appliance is rinsed. The rinsing time counts down on the display.



- 9 A signal sounds after 1 minute. Empty the evaporator dish with the cleaning sponge. Confirm with .
- 10 The second rinsing process is displayed. Start with . The appliance is rinsed. The rinsing time counts down on the display.

A signal sounds after 1 minute. Empty the evaporator dish with the cleaning sponge. Empty the water tank and leave it to dry with the lid open. Wipe the cooking compartment dry with a soft towel and use the drying programme to dry completely.

Notes

- The cleaning aid must always be run through completely and cannot be cancelled.
- Before cooking, remove any cleaning agent residue from the cooking compartment.
- If the cleaning aid was cancelled due to a power cut, it must be restarted before using the oven again in order to remove any cleaning agent residues from the appliance.

Drying programme




With the drying program, you can dry the cooking compartment after cleaning or after steaming.

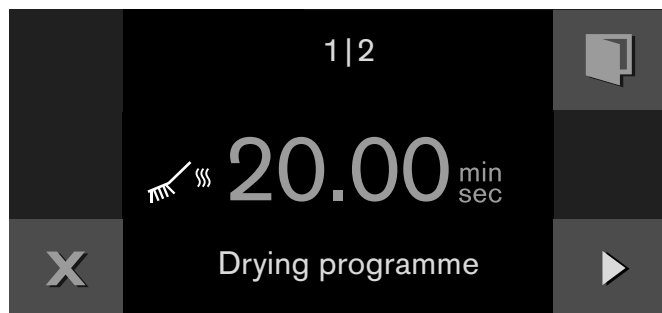
The drying program takes 20 minutes.


Caution!

Do not dry the water tank in the hot oven interior. This would damage the water tank.

Starting the drying program

- 1 Remove the water tank. Remove accessories from the cooking compartment. Empty the evaporator dish with the cleaning sponge. Wipe out the cooking compartment. Thoroughly remove residues of cleaner. Close the appliance door.
- 2 Set the function selector to **S**. Select the drying program with the rotary selector.
- 3 The  symbol is displayed. Touch  to confirm.
- 4 The drying time of 20 minutes appears. Touch  to start. The drying time elapses on the display. The lamp in the cooking compartment stays off.



- 5 A signal sounds after 20 minutes. A message appears in the display. Touch  to confirm.

The drying programme has ended. Allow the appliance to cool down. Then polish the cooking compartment and the panel with a soft cloth.

Descaling programme

Your appliance must be descaled at regular intervals for it to remain operable. A reminder appears in the display.

The descaling programme consists of the steps of descaling and twice rinsing.

Descaler





For descaling, use only the liquid descaler recommended by after-sales service (order No. 311138 from after-sales service or in the online shop). Other descaling agents can cause damage to the appliance.

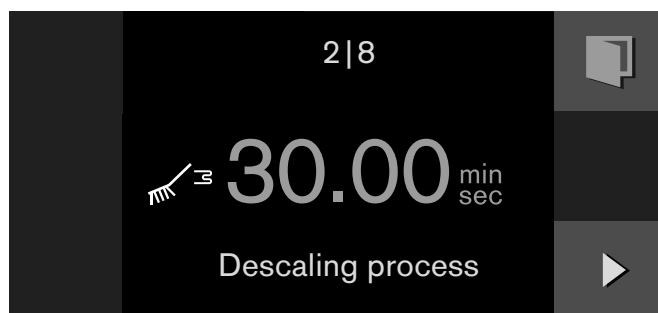
Caution!



Surface damage: Wipe off descaler immediately with water if it reaches the door seal, the front or other sensitive surfaces.

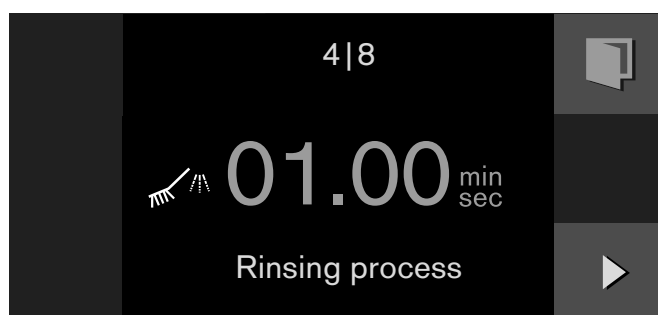
Start the descaling programme



The cooking compartment must have cooled down completely.

- 1 Prepare a descaling solution by mixing 300 ml water and 60 ml liquid descaler.
- 2 Set the function selector to **S**. Use the rotary selector to select the descaling programme.
- 3 The  symbol is displayed. Confirm with .
- 4 Fill the water tank with the descaling solution and slide it into the tank compartment. Close the appliance door. Confirm with .
- 5 The descaling time of 30 minutes is displayed. Start with . The descaling time counts down on the display. The light in the cooking compartment remains switched off.



- 6 A signal sounds after 30 minutes. A message appears on the display.
- 7 Empty the evaporator dish with the cleaning sponge. Fill the water tank with cold water. Confirm with .
- 8 The first rinsing process is displayed. Start with . The appliance is rinsed. The rinsing time counts down on the display.



- 9 A signal sounds after 1 minute. Empty the evaporator dish with the cleaning sponge. Confirm with .
- 10 The second rinsing process is displayed. Start with . The appliance is rinsed. The rinsing time counts down on the display.

A signal sounds after 1 minute. The descaling programme is complete.

Empty the evaporator dish with the cleaning sponge. Empty the water tank and leave it to dry with the lid open. Wipe the cooking compartment dry with a soft towel and use the drying programme to dry completely.

Delete the descaling hint on the display.

Deleting the descaling hint

- 1 Set the function selector to **S**. Use the rotary selector to select "ⓘ Delete descaling hint". Confirm with ✓.
- 2 A note is displayed. Confirm with ✓.

Notes

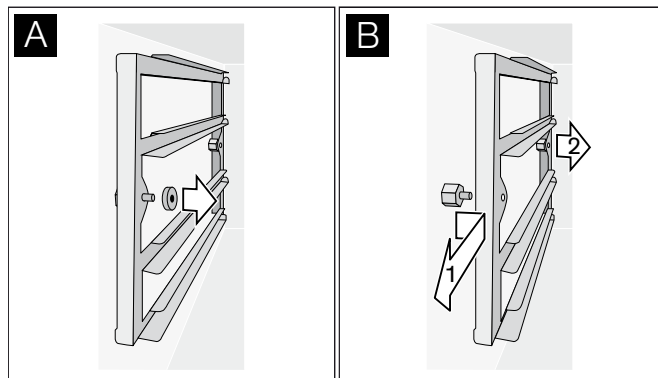
- The descaling programme must always run completely and can not be cancelled.
- Before cooking, remove any descaler residue from the cooking compartment.
- If the descaling programme was cancelled due to a power cut, it must be restarted before using the oven again in order to remove any descaler residues from the appliance.

Removing slide-in rails

You can remove the slide-in rails for cleaning.

Detaching the rails

- 1 Place a dishcloth in the cooking compartment to protect the stainless steel against scratches.
- 2 Undo the knurled nuts (Figure A).
- 3 Pull away the slide-in rails slightly sideward from the screw and pull it out toward you (Figure B).



Clean the rails in the dishwasher.

Attaching the rails

- 1 Position the slide-in rails correctly with the stopper at the back.
- 2 Push the slide-in rails onto the bolt at the rear and then hook them in at the front.
- 3 Tighten the knurled nuts.




Note: If you should lose a knurled nut, you can order it as a spare part from our after-sales service. Using knurled nuts other than the original ones will cause corrosion in the oven interior.

Trouble shooting

Malfunctions often have simple explanations. Please read the following notes before calling the after-sales service.

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.

Disruption	Possible cause	Solution
Appliance not working, no display	Plug not inserted	Connect the appliance to the electricity mains
	Power failure	Check whether other kitchen appliances are working
	Fuse defective	Check in the fuse box whether the fuse for the appliance is in working order
	Operating error	Switch off the fuse for the appliance in the fuse box and switch it on again after about 60 seconds
Appliance cannot be started	Appliance door is not quite closed	Close appliance door
The appliance is not working and the display does not respond.  appears on the display	Childproof lock activated	Deactivate the childproof lock (see section entitled 'Childproof lock')
Appliance switches off on its own	Safety shut-off: the appliance has not been operated for longer than 12 hours	Confirm the message with  , switch off the appliance and set it again.
Appliance does not heat up,  appears in the display	Appliance is in demo mode	Deactivate the demo mode in the basic settings
The appliance cannot be started, the display shows an error message	The water tank is empty	Fill the water tank
No steam visible in the oven	Steam above 100°C is invisible	This is normal
A lot of steam escapes at the top of the door	Appliance is calibrating the boiling point or is preheating or the heating mode has been changed	This is normal
	The appliance has not yet been calibrated	Calibrate the appliance
A lot of steam escapes at the side of the door	Door seal soiled or loose	Clean the door seal and insert it in the groove
There is a "pop" noise during cooking	Cold/warm effect with frozen food, caused by the steam	This is normal
The appliance is not producing steam properly	Limescale has formed in the appliance	Start the descaling programme
Error message "Exxx"	If an error message is displayed, turn the function selector to 0; if the display goes out, there was a non-recurring problem. If the error occurs repeatedly or the display remains on, please contact the after-sales service and inform them of the error code.	


Power cut

Your appliance can bridge a power cut of a few seconds. Operation continues.

If the power cut was for a longer period and the appliance was in operation, a message appears in the display. Operation is interrupted.

Set the function selector to **0**, then the appliance can be operated again as usual.

Demo mode

The  symbol appears on the display when the appliance is in demo mode. The appliance will not heat up.

Briefly disconnect the appliance from the mains (switch off the household fuse or the circuit breaker in the fuse box). Then deactivate demo mode in the basic settings within 3 minutes (see section entitled 'Basic settings').

Replacing the oven light

For technical reasons the lamp cover cannot be removed. Lamp must only be replaced by Gaggenau after-sales service.

Caution!

Do not remove the lamp cover. This will damage the sealing.

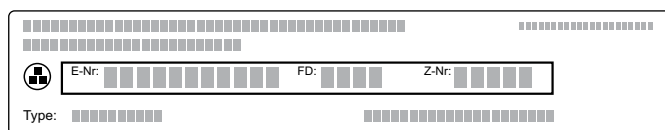
If the lamp cover in the oven is damaged, it must be replaced. You can obtain covers from the after-sales service. Please supply your appliance's E number and FD number.

After-sales service

Our after-sales service is there for you if your appliance 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 give 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.



To save time, you can make a note of the number of your appliance and the telephone number of the after-sales service in the space below, should it be required.

E no.

FD no.

After-sales service 

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

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 8988
Calls charged at local or mobile rate.

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

AU 1300 368 339

NZ 09 477 0492

Trust the expertise of the manufacturer, and rest assured that the repair will be carried out by trained service technicians using original spare parts for your domestic appliance.

Settings table and tips

Notes

- The cooking time specified are intended as a guide. The actual cooking time depends on the quality and temperature of the food before cooking, the weight and thickness of the food to be cooked.
- Always preheat the appliance. This will provide the best cooking results. The cooking time specified refer to a pre-heated appliance. When you did not preheat the device, extend the cooking time by about 5 minutes.
- The values given refer to average quantities for four people. If you would like to prepare more food, you should allow for a longer cooking time.
- Use the cookware specified. If you use other cookware, cooking time may be longer or shorter.
- Begin with the minimum time specified when you are unfamiliar with a dish. You may extend the cooking time if necessary.
- Please be sure to only briefly open the door of the preheated oven and to load the device quickly.
- When using only one cooking container, insert it onto the second level from the bottom.
- If you are using the vented cooking rack or grill without additional cooking containers, always use the plain cooking plate at the bottom rack to avoid excessive contamination of the oven chamber bottom and the ventilation shell.
- When steaming, defrosting, stewing and reheating, you may use up to three rack levels simultaneously (levels 2, 3 and 4 from the bottom). This will not cause flavour to transfer. Therefore, fish, vegetables and dessert may be prepared simultaneously. However, the cooking time may need to be extended for large quantities of food.
- Bake on one level only, this can be done by using the second level from the bottom.
- The food must not get in contact with the oven chamber, the grease filter or the back plate.
- Close the steam oven door well. Keep the seal surfaces clean at all times.
- Do not allocate the racks and containers too closely. This is to ensure an optimal steam circulation.
- Make sure to have the grease filters in the device for each application.
- If you wish to prepare dishes with steam and the machine is over 100°C (e.g. because it has previously been used to bake something), allow the unit to cool down before steaming. Otherwise the food will be dried out by the high temperature.

Vegetables

- Vegetables are prepared more gently in steam than in boiling water. Their taste, color and consistency are preserved better. Vitamins and ingredients that are soluble in water are not washed out. As the steam oven operates without pressure at only 100°C, food is prepared considerably more gently than in a pressure cooker, for example.
- All data refers to 1 kg of cleaned vegetables.
- Use the perforated cooking container to steam vegetables, sliding it into the second level from below. Insert the unperforated cooking container under it. This prevents soiling of the oven interior. You can collect the vegetable juice and use it as the base for a sauce or a vegetable broth.
- Blanch vegetables for up to four minutes in the preheated appliance. If vegetables or fruits are not served straight away, place them in ice water to prevent simmering in the residual heat.

Food	Cooking container	Temperature in °C	Humidity in %	Cooking time in min.	Remarks
Artichokes, large	Perforated	100	100	25 - 35	
Artichokes, small	Perforated	100	100	15 - 20	
Cauliflower, whole	Perforated	100	100	20 - 25	
Cauliflower, in florets	Perforated	100	100	15 - 20	
Beans, green	Perforated	100	100	25 - 30	
Broccoli, in florets	Perforated	100	100	10 - 15	
Fennel, in strips	Perforated	100	100	10 - 15	

Food	Cooking container	Temperature in °C	Humidity in %	Cooking time in min.	Remarks
Vegetable terrine	Perforated/ wire rack	100	100	50 - 60	in a terrine form
Carrots, in slices	Perforated	100	100	10 - 15	
Potatoes, peeled and quartered	Perforated	100	100	20 - 35	
Kohlrabi, in slices	Perforated	100	100	15 - 25	
Leek, in slices	Perforated	100	100	5 - 10	
Stuffed peppers	Unperforated	180 - 200	80/100	15 - 20	If there is a meat filling, fry the filling beforehand.
Jacket potatoes (about 50 g each)	Perforated	100	100	25 - 30	
Jacket potatoes (about 100 g each)	Perforated	100	100	40 - 45	
Brussels sprouts	Perforated	100	100	15 - 20	
Asparagus, green	Perforated	100	100	10 - 15	
Asparagus, white	Perforated	100	100	18 - 25	
Spinach	Perforated	100	100	4	
Tomatoes, skinned	Perforated	100	100	3 - 4	Cut peel once, place in ice water after steaming.
Zucchini, stuffed	Perforated	160 - 180	80/100	15 - 35	If there is a meat filling, fry the filling beforehand.
Sugar snaps	Perforated	100	100	10 - 15	

Fish

- Steaming is a cooking method that does not use any fat and does not allow fish to dry out.
- For food hygiene reasons, fish should have a core temperature of at least 62-65 °C after cooking. This is also the ideal cooking temperature.
- Do not season the fish with salt until it is fully cooked. This ensures that the natural flavour is retained and that less water is drawn out of the fish.
- When using the perforated cookware, you can grease the cookware if the fish sticks too much.
- Slide the unperforated cooking insert into the first level from below to avoid getting fish stock on the cooking compartment surfaces.
- For fillets with skin, place the fish on the cooking insert or wire rack with the skin side up – this helps to retain its texture and flavour.

Food	Cooking container	Temperature in °C	Humidity in %	Cooking time in min.	Comments
Sea bream, whole (500 g/piece)	solid	90 - 100	100	18 - 20	Can be cooked in the swimming position if placed on half a potato.
Fish dumplings (20 - 40 g/piece)	solid	90 - 100	100	4 - 8	Line the unperforated cookware with grease-proof paper.
Lobster, cooked, shelled, reheating	Perforated	70 - 80	100	10 - 12	
Carp, rare, whole (1.5 kg)	solid	90 - 100	100	35 - 45	In stock
Salmon fillet (150 g/piece)	Perforated	90 - 100	100	10 - 12	
Salmon, whole (2.5 kg)	Perforated	100	100	65 - 75	
Blue mussels (1.5 kg)	Perforated	100	100	6 - 8	Blue mussels are cooked once the shell has opened up.
Pollock, whole (800 g)	Perforated	90 - 100	100	18 - 20	

Food	Cooking container	Temperature in °C	Humidity in %	Cooking time in min.	Comments
Monkfish fillet (300 g/piece)	Glass dish/wire rack	180 - 200	100	8 - 10	In juices
Sea bass, whole (400 g/piece)	Perforated	90 - 100	100	12 - 18	

Fish – low-temperature steaming

- If you steam the fish at between 70 and 90 °C, it is less likely to be overcooked or to fall apart. This is a particular advantage for delicate fish.
- The values given for the different types of fish refer to fillets.
- Slide the unperforated cooking insert into the first level from below to avoid getting fish stock on the cooking compartment surfaces.
- Serve on pre-warmed plates.


Food	Cooking container	Temperature in °C	Humidity in %	Cooking time in min.	Comments
Oysters (x 10)	solid	80 - 90	100	2 - 5	In stock
Tilapia (150 g/piece)	Perforated	80 - 90	100	10 - 12	
Sea bream (200 g/piece)	Perforated	80 - 90	100	12 - 15	
Fish fillet (200 - 300 g/piece)	Perforated	80 - 90	100	12 - 15	
Fish terrine	Wire rack	70 - 80	100	50 - 90	In a terrine mould Use the core temperature probe to check the exact cooking temperature (see section entitled 'Core temperature sensor').
Trout, whole (250 g/piece)	Perforated	80 - 90	100	12 - 15	
Halibut (300 g/piece)	Perforated	80 - 90	100	12 - 15	
Scallops (15 - 30 g/piece)	solid	80 - 90	100	4 - 8	The more the scallops weigh, the longer the chosen cooking time should be.
Cod (250 g/piece)	Perforated	80 - 90	100	10 - 12	
Red snapper (200 g/piece)	Perforated	80 - 90	100	12 - 15	
Ocean perch (120 g/piece)	Perforated	80 - 90	100	10 - 12	
Monkfish (200 g/piece)	Perforated	80 - 90	100	10 - 15	
Sole rolls, stuffed (150 g/piece)	Perforated	80 - 90	100	12 - 15	
Turbot (300 g/piece)	Perforated	80 - 90	100	12 - 15	
Sea bass (150 g/piece)	Perforated	80 - 90	100	10 - 12	
Pike-perch (250 g/piece)	Perforated	80 - 90	100	12 - 15	







Meat – cooking at higher temperatures

- Combining steam and hot air is the best way of cooking many types of fish. In this operating mode, the cooking compartment is hermetically sealed and the moisture counteracts the drying effects of the hot air, which is used in conventional cooking. The optimal conditions can be achieved for any type of food thanks to the variable humidity control system.
- The cooking times listed are intended as a guide only, and depend heavily on the temperature of the meat at the start of cooking and on how long the meat was seared for. Use the core temperature probe so that you can monitor the core temperature more easily. Information and instructions, as well as optimal target temperatures, can be found in the section entitled 'Core temperature probe'.
- Take the meat out of the refrigerator 1 hour before you begin preparing it.
- When using the perforated cooking insert or the wire rack, slide in an item of cookware with an unperforated base beneath it. Pour a little water into the unperforated cooking insert to prevent the meat from burning on. You can also add vegetables, wine, spices and herbs to it to make a tasty base for a sauce.
- If you want the meat to be rare or medium rare, open the door when the temperature reaches 5 °C below the required core temperature and wait until the target temperature is reached. This prevents overcooking and allows the meat the necessary time to rest.
- Time to rest: Allow the meat to rest for 5 minutes on a wire rack after cooking. This gives the meat a chance to "relax". The meat juices begin to circulate less, and when the meat is cut, less juice is lost.

Food	Cooking container	Temperature in °C	Humidity in %	Cooking time in min.	Remarks
Entrecôte, browned, medium-rare (350 g each)	Unperforated	170 - 180	0/30	10 - 20	
Filet, browned, medium-rare, in puff pastry (600 g)	Unperforated	190 - 200	80/100	25 - 40	Line the cooking container with baking paper
Back of veal, browned, medium-rare (1 kg)	Unperforated	160 - 180	30/60	20 - 30	30 % humidity is sufficient when liquid is added to the unperforated cooking container.
Smoked pork chops, cooked, in slices	Unperforated	100	100	15 - 20	
Roast pork with crust, well-done (1.5 kg)	Rack	1) 120 2) 170 - 180 3) 220	100 60 0	30 30 - 35 10 - 15	Cut into the crust crosswise before cooking. Use the core temperature probe: in the second cooking step, you should achieve a core temperature of about 65°C to cook the meat in the third step up to a core temperature of 75 - 80 °C.
Leg of lamb, browned, medium-rare (1.5 kg)	Unperforated	170 - 180	30/60	60 - 80	
Back of venison, browned, medium-rare (500 g each)	Unperforated	160 - 180	0/30	12 - 18	
Beef roast, well-done (1.5 kg)	Rack	1) 210 - 230 2) 140 - 160	100 30/60	15 - 20 60 - 90	30 % humidity is sufficient when liquid is added to the unperforated cooking container.
Roast beef, browned, medium-rare (1 kg)	Unperforated	160 - 180	0/30	40 - 60	
Roast pork (neck or shoulder), well-done (1.5 kg)	Rack	1) 220 - 230 2) 160 - 170	100 30/60	20 60 - 90	30 % humidity is sufficient when liquid is added to the unperforated cooking container.
Heating up (boiled) sausage	Unperforated	85 - 90	100	10 - 20	e.g. Bavarian veal sausage ('Weisswurst') or 'Lyoner' pork sausage

Meat/poultry – low-temperature cooking

- Meat seared at a high temperature develops as it cooks for an extended period at a low temperature. This gives the meat an even, delicate pink colour throughout (other than a very thin edge) and makes it extraordinarily succulent. You do not need to turn the meat during cooking or pour any liquid over it.
- The cooking times listed are intended as a guide only, and depend heavily on the temperature of the meat at the start of cooking and on how long the meat was seared for. Use the core temperature probe so that you can monitor the core temperature more easily. Information and instructions, as well as optimal target temperatures, can be found in the section entitled 'Core temperature probe'.
- Take the meat out of the refrigerator 1 hour before you begin preparing it.
- For food hygiene reasons, sear the meat briefly on all sides at a high temperature in the frying pan before cooking it. This gives the meat a crust, which prevents the meat juices from escaping and produces the kind of flavour characteristic of fried meat.
- Season with care: Because the meat develops as it cooks slowly, all of the flavours become more intense.
- When game and horse meat is cooked at low temperatures, its flavour becomes stronger than when prepared the conventional way.
- Use "Low-temperature cooking" mode . In this mode, any moisture escaping from the food remains in the cooking compartment and prevents the food from drying out.
- Please note that the core temperature of the food cannot be higher than the temperature inside the cooking compartment. As a rule of thumb, the temperature that is set in the cooking compartment should be 10 - 15 °C above the required core temperature.
- Towards the end of the cooking time, you can reduce the temperature to 60 °C. This will allow you to extend the cooking time (e.g. if your guests are going to be late). If you wish to pause cooking, the temperature in the cooking compartment must be no higher than the required core temperature. This means that large items can remain in the cooking compartment for 1 - 1.5 hours and small items can remain there for 30 - 45 minutes.
- Serve on pre-warmed plates.

Food	Cooking container	Temperature in °C	Type of heating	Cooking time in min.	Comments
Duck breast, medium rare (350 g/piece)	solid	70 - 80		40 - 60	After cooking, you can crisp up the skin side quickly in the frying pan
Entrecôte, medium rare (350 g/piece)	solid	70 - 80		40 - 70	
Leg of lamb, boned, tied, medium rare (1.5 kg)	solid	70 - 80		180 - 240	Turn in garlic and herbs before cooking in oil.
Beef steaks, medium rare (175 g/piece)	solid	70 - 80		30 - 60	
Sirloin, medium rare (1 - 1.5 kg)	solid	70 - 80		150 - 210	Slice and serve with béchamel sauce
Pork medallions, well done (70 g each)	solid	80		50 - 70	

Poultry

- The moisture present when the appliance is operating in 'Combination' mode prevents food from drying out, which is important for poultry in particular. At the same time, the high temperatures make the surface brown and crispy. The hot steam is able to transfer twice as much heat as conventional hot air, and reaches all parts of the food. This allows a chicken to be evenly browned and crispy all round, while the breast meat remains tender and succulent.
- The cooking times listed are intended as a guide only, and depend heavily on the temperature of the meat at the start of cooking. Use the core temperature probe so that you can monitor the core temperature more easily. Insert this between the belly and the thigh, rather than in the middle (cavity) of the bird. Further information and instructions, as well as optimal target temperatures, can be found in the section entitled 'Core temperature probe'.
- To make the skin crispier, season poultry mainly with spices and herbs, and use little or no oil.

Food	Cooking container	Temperature in °C	Humidity in %	Cooking time in min.	Remarks
Duck, whole (3 kg)	Unperforated	1) 150 - 160 2) 220	60 0	80 - 90 20 - 30	Start cooking with the breast pointing down. Turn the duck round after half of the cooking time. In this way, the sensitive breast meat will not dry out so much.
Duck breast, browned, medium-rare (350 g each)	Unperforated	160 - 180	0	12 - 18	
Chicken, whole (1.5 kg)	Wire rack	170 - 180	60	50 - 60	
Chicken breast, stuffed, steamed (200 g each)	Perforated	100	100	10 - 15	
Chicken leg (350 g each)	Wire rack	170 - 180	30/60	40 - 45	
Turkey breast fillet, steamed (300 g each)	Perforated	100	100	12 - 15	
Spring chicken, quail, pigeon (300 g)	Perforated	100	100	25 - 30	
Spring chicken, quail, pigeon (300 g)	Perforated	180 - 200	60/80	12 - 16	

Side dishes

Also follow the instructions on the packaging.

Food	Cooking container	Temperature in °C	Humidity in %	Cooking time in min.	Comments
Basmati rice (250 g + 500 ml water)	solid	100	100	15 - 20	
Couscous (250 g + 250 ml water)	solid	100	100	5 - 10	
Dumplings (90 g/piece)	Perforated/unperforated	95 - 100	100	20 - 25	
Long-grain rice (250 g + 500 ml water)	solid	100	100	20 - 25	
Brown rice (250 g + 375 ml water)	solid	100	100	25 - 35	
Lentils (250 g + 500 ml water)	solid	100	100	25 - 35	
Haricot beans, pre-soaked (250 g + 1 l water)	solid	100	100	55 - 65	





Desserts

Food	Cooking container	Temperature in °C	Humidity in %	Cooking time in min.	Comments
Crème brûlée (130 g each)	solid	90	100	40 - 45	In ramekins, cover with heat-resistant cling film.
Yeast dumplings (100 g/piece)	solid	100	100	20 - 30	Allow yeast dumplings to rise for 30 minutes before steaming (see section entitled 'Dough proving').
Crème caramel (130 g each)	Perforated	90 - 95	100	30 - 35	In ramekins, cover with heat-resistant cling film.
Compote	solid	100	100	15 - 25	E.g. apples, pears, rhubarb Recipe tip: Add sugar, vanilla sugar, cinnamon or lemon juice.
Rice pudding (250 g rice + 625 ml milk)	solid	100	100	35 - 45	Recipe tip: Add fruit, sugar or cinnamon.
Sweet bake	solid	180 - 200	0 / 60	20 - 40	E.g. semolina, quark or pre-cooked rice pudding

Miscellaneous


Food	Cooking container	Temperature in °C	Humidity in %	Cooking time in min.	Comments
Sterilising (e.g. baby bottles, jam jars)	Wire rack	100	100	20 - 25	
Drying fruit or vegetables	Perforated	80 - 100	0	180 - 300	E.g. thinly sliced tomatoes, mushrooms, courgettes, apples, pears, etc.
Eggs, medium (x 5)	Perforated	100	100	8 - 15	
Royale (500 g)	Glass dish, wire rack	90	80 - 100	25 - 30	Cover with heat-resistant cling film.
Semolina dumplings	solid	90 - 95	100	8 - 10	
Lasagne	solid	170 - 190	0 / 60	35 - 60	
Soufflé	Ramekins, wire rack	180 - 200	60	12 - 20	
Melting chocolate	Heat-resistant bowl, wire rack	100	100	5 - 8	Cover with heat-resistant cling film.

Baked items

- Using the steam oven, you can prepare your baked items with the optimum humidity:
 -  | Hot air + 0% humidity: moisture can escape in the case of fruit cakes and quiche. This mode corresponds to hot air in the conventional oven.
 -  | Hot air + 30% humidity: mixed cake does not dry out. The intrinsic humidity in a food cannot escape from the oven interior.
 -  -  | Hot air + 60 - 100% humidity: puff pastry and yeast-risen pastries become looser on the inside and crispy on the outside with a gloss.
- You can only bake on one level in the steam oven. Insert the unperforated cooking container into the second level from below. When using a high baking tin, place it on the wire rack, which you then insert in the first level from below.
- Always leave the grease filter in place when baking.


Food	Cooking container	Temperature in °C	Humidity in %	Cooking time in min.	Remarks
Apple pie	20 cm spring release cake tin, wire rack	160 - 170	0	70 - 80	
Bagels (100 g each)	Unperforated	190 - 210	80/100	20 - 25	
Baguette, pre-baked	Wire rack	190 - 200	60/100	10 - 15	
Biscuit base, high (6 eggs)	Spring release cake tin	160 - 170	0	30 - 35	
Swiss roll (2 eggs)	Unperforated	210 - 220	0/30	6 - 8	
Small flaky pastry cakes	Unperforated	180 - 200	80/100	15 - 25	
Bread rolls (50 - 100 g each)	Unperforated	180 - 200	80/100	15 - 25	
Bread rolls, pre-baked	Wire rack	170 - 180	60	8 - 15	
Bread (1 - 1.5 kg)	Unperforated	1) 200 2) 160 - 165	100 0	15 25 - 35	
Square sponge cake	Unperforated	150 - 160	0	25 - 30	
"Gugelhupf" (yeast dough from 1 kg of flour)	Gugelhupf tin	160 - 175	30/60	35 - 45	
Yeast tray bake	Unperforated	160 - 170	30/60	30 - 45	Use 30% humidity for yeast tray bakes with a moist topping (e.g. plum cake or onion tart) and 60% humidity for a dry topping (e.g. crumble).
Brioche (500 g of flour)	Unperforated	150 - 160	60/80	20 - 30	
Muffins	Muffin tray, wire rack	170 - 180	0/30	20 - 30	
Macaroons	Unperforated	140 - 150	0	25 - 35	
Biscuits	Unperforated	150 - 170	0	15 - 25	
Quiche, tart	Flan tin, wire rack	180 - 190	0	35 - 60	
Sponge cake	Cake tin/spring release cake tin, wire rack	160 - 175	30	50 - 60	
Small cakes	Unperforated	150 - 160	0	35 - 45	
Piped biscuits	Unperforated	150 - 160	0	25 - 30	
Tart	Flan tin, wire rack	190 - 210	0/30	30 - 45	
Cream puffs, eclairs	Unperforated	170 - 180	0/30	40 - 45	

Regenerating (reheating)

- The combi-steam oven creates the perfect environment for reheating cooked food without drying it out. The flavour and quality are virtually indistinguishable from food that has been freshly prepared.
- To use this function, select "Reheat" mode .
- Do not cover the food. Do not use aluminium foil or clingfilm.
- The figures listed are for portions for one person. Larger quantities of food can also be warmed up in the unperforated cooking insert; you will need to cook the food for longer than the times specified in the table.


Food	Cooking container	Temperature in °C	Cooking time in min.	Comments
Baguette, bread rolls (frozen)	Wire rack	140	10 - 15	
Baguette, bread rolls (left over from previous day)	Wire rack	180	5 - 8	
Roasts, sliced (150 g/piece)	solid	120	12 - 15	Finger-thick slices, do not pile them on top of one another; pour sauce into the cookware to make the roast more succulent.
Vegetables	Dish, wire rack	90 - 100	8 - 10	
Pizza, thin	Wire rack	180	10 - 12	
Pizza, deep pan	Wire rack	180	12 - 14	
Starchy side dishes	Dish, wire rack	120	7 - 8	E.g. pasta, potatoes, rice; baked or fried food such as chips or croquettes are not suitable.
Plated meals	Dish, wire rack	120	8 - 15	

Dough proving (leaving to rise)

- The steam oven offers the ideal climate for raising dough and dough mixtures or dough pieces without drying them out.
- Use the "Dough proofing" mode  to do this.
- It is not necessary to cover the bowl with a moist cloth. Raising only takes half as much time as it used to.
- The specified dough proofing time is a recommendation only. Raise dough until its volume has doubled.

Food	Cooking container	Temperature in °C	Cooking time in min.	Remarks
Dough mixture	Bowl/wire rack	38	25 - 45	e.g. yeast dough, baking ferment and sour dough

Defrosting

- In the steam oven you can gently and evenly defrost deep frozen food faster than at room temperature.
- Use the "Defrosting" mode  to do this.
- The specified defrosting times are only a recommendation. The time it takes to defrost depends on the size and weight of the frozen food: freeze your food flatly or individually. This shortens the defrosting time.
- Remove the packaging before defrosting.
- Defrost only the quantity you need for preparation.
- Remember: once defrosted, food will not keep for as long and spoils more quickly than fresh food. Immediately process defrosted food and cook it thoroughly.
- After half of the defrosting time, turn meat or fish over. Separate frozen pieces of food such as berries or bits of meat. It is not necessary to fully defrost fish. It will be sufficiently thawed if the tissue is soft enough to absorb the spices.

Health risk!

When defrosting food from animal sources, you must remove the liquid that escapes during defrosting. It must never come into contact with other food. Bacteria could be transferred.

Slide the unperforated cooking container underneath the food. Pour away the collected thawing liquid from meat and poultry. Then clean the sink and rinse with plenty of water. Clean the cooking container in hot soapy solution or in a dishwasher.

After defrosting, operate the steam oven for 15 minutes using Hot air at 180°C.

Food	Cooking container	Temperature in °C	Heating mode	Cooking time in min.	Remarks
Berries (300 g)	Perforated	40 - 45	* ◊	3 - 4	
Roast (1,000 g)	Perforated	40 - 45	* ◊	45 - 60*	
Fish fillet (150 g each)	Perforated	40 - 45	* ◊	5 - 10*	
Vegetables (400 g)	Perforated	40 - 45	* ◊	5 - 7	
Goulash (600 g)	Perforated	45 - 50	* ◊	30 - 45*	
Chicken (1,000 g)	Perforated	45 - 50	* ◊	45 - 60*	
Chicken leg (400 g each)	Perforated	45 - 50	* ◊	20 - 30*	

* You should add some extra time for this dish: switch off the appliance after the defrosting time has elapsed and leave dishes in the closed appliance for another 10 - 15 minutes so that they can thaw completely to their interior.

Preserving

- It is easy to preserve fruit and vegetables in the combi-steam oven.
- Cook food as soon as possible after purchase or after it has been harvested. Prolonged storage reduces the vitamin content and means that food is on the verge of fermenting.
- Only use fruit and vegetables that are in good condition.
- The combi-steam oven is not suitable for preserving meat.
- Carefully check and clean the preserving jars, rubber sealing rings, clips and springs.
- Sterilise the washed jars in your combi-steam oven for 20-25 minutes at 100 °C and 100% humidity before preserving.
- Place the preserving jars in the perforated cookware. They must not be in contact with each other.
- Once the cooking time has elapsed, open the cooking compartment door. Do not remove the preserving jars from the cooking compartment until they have completely cooled down.

Food	Cooking container	Temperature in °C	Humidity in %	Cooking time in min.	Comments
Fruit, vegetables (in sealed 0.75 l preserving jars)	Perforated	100	100	35 - 40	
Beans, peas (in sealed 0.75 l preserving jars)	Perforated	100	100	120	

Extracting juice (soft fruit)

- You can effortlessly and cleanly extract berry juice in the steam oven.
- Place the berries in the perforated cooking container and slide it into the third level from below. Slide in the unperforated cooking container one level below it to collect the juice.
- Leave the berries in the appliance until no more juice appears.
- Finally, place the berries in a cloth and squeeze out the rest of the juice.

Food	Cooking container	Temperature in °C	Humidity in %	Cooking time in min.	Comments
Berries	perforated + solid	100	100	60 - 120	

Preparing yoghurt

- Even yoghurt can be prepared in the combi-steam oven.
- Heat pasteurised milk to 90 °C on the hob to prevent the yoghurt cultures from being overcome by any unwanted microbes. Ultra-heat treated milk (UHT milk) does not need to be heated. (Please note: If you use cold milk to make yoghurt, the incubation time will be longer).
- Important! Allow the milk to cool to 40 °C in a water bath so that the yoghurt cultures are not destroyed.
- Stir some natural yoghurt with identified yoghurt cultures under the milk (1 - 2 teaspoons of yoghurt per 100 ml).
- When using yoghurt starter, follow the instructions on the packet.
- Pour the yoghurt into washed jars.
- You can sterilise the washed jars in your combi-steam oven at 100 °C and 100% humidity for 20 - 25 min before pouring in the yoghurt. Make sure that you allow the jars and the cooking compartment to cool down before you pour in the yoghurt and place the jars in the appliance.
- Once you have finished making the yoghurt, place it in the refrigerator.
- To make thick yoghurt, add skimmed milk powder to the milk before heating it (1 - 2 tablespoons per litre).

Food	Cooking container	Temperature in °C	Humidity in %	Cooking time in min.	Comments
Yoghurt mixture (in sealed jars)	solid	40 - 45	100	300 - 360	Recipe tip: Flavour the yoghurt mixture with fruit purée, jam, honey, vanilla or chocolate, and then increase the preparation time if necessary.

Preparing bulky food

- To prepare bulky food items, you can remove the side slide-in racks.
- To do this, undo the knurled nuts at the front of the slide-in racks, and pull the slide-in racks out towards you.
- Place the rack directly onto the bottom of the cooking compartment and place the food or roasting dish onto the rack. Do not place the food or roasting dish directly onto the bottom of the cooking compartment.

Acrylamide in foodstuffs

Which foods are affected?

Acrylamide is mainly produced in grain and potato products that are heated to high temperatures, such as crisps, chips, toast, bread rolls, bread, fine baked goods (biscuits, gingerbread, cookies).

Tips for keeping acrylamide to a minimum when preparing food

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 hot air at max. 180 °C.
Biscuits	Egg or egg yolk reduces the production of acrylamide. Spread out a single layer evenly on the baking tray.
Oven Chips	Cook at least 400 g at once on a baking tray so that the chips do not dry out.

Gaggenau Hausgeräte GmbH
Carl-Wery-Straße 34
81739 München
GERMANY
www.gaggenau.com

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