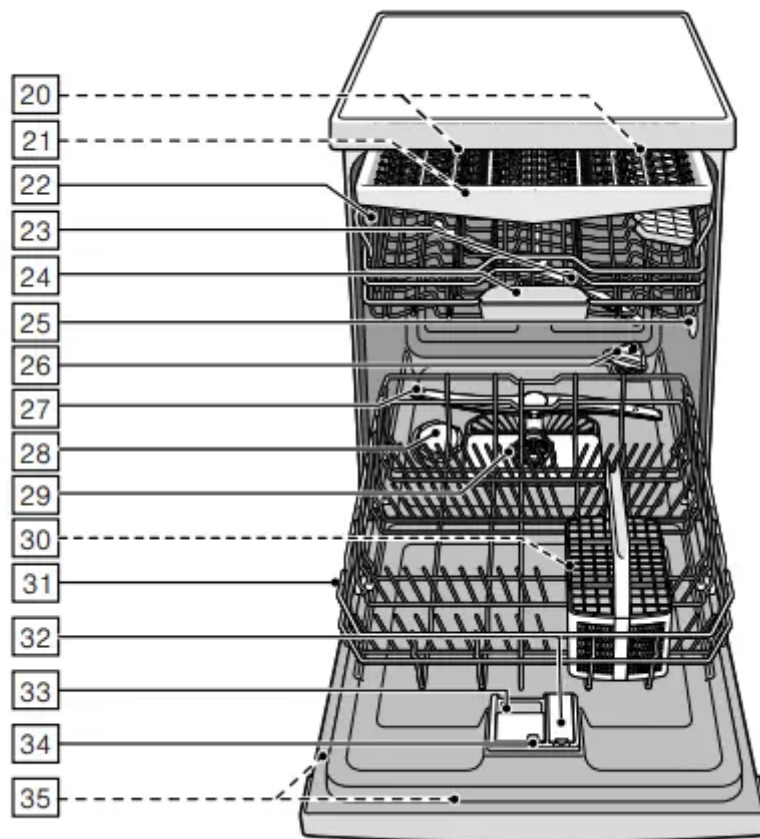
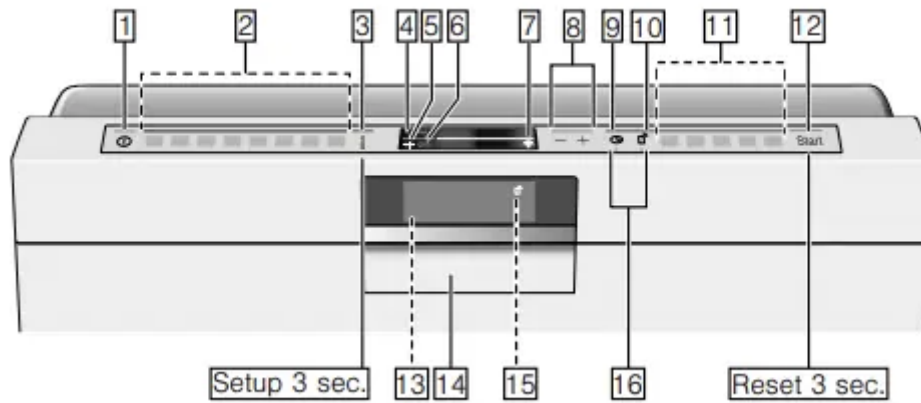



## Instruction manual dishwasher



### Getting to know your appliance

Diagrams of the control panel and the interior of the appliance can be found at the front of the manual. Individual positions are referred to in the text.

## Control panel

- 1 On/off switch
- 2 Programme buttons \*\*
- 3 Info button 
- 4 Display window at top
- 5 Rinse aid refill indicator
- 6 Salt refill indicator
- 7 WLAN display
- 8 Selection buttons
- 9 Time preselection
- 10 Remote start button
- 11 Additional functions/programme buttons \*\*
- 12 START button
- 13 Front display \*
- 14 Door opener
- 15 Remote start display \*
- 16 < > button

\* depending on the features of your dishwasher

\*\* number depending on the features of your dishwasher



## Appliance interior

- 20 Interior light \*
- 21 Cutlery drawer \*
- 22 Top basket
- 23 Upper spray arm
- 24 Tablet collecting tray
- 25 Intake opening
- 26 Blow opening (Zeolith container)
- 27 Lower spray arm
- 28 Dispenser for special salt
- 29 Filters
- 30 Cutlery basket \*
- 31 Bottom basket
- 32 Dispenser for rinse aid
- 33 Detergent dispenser
- 34 Lock for detergent dispenser
- 35 Rating plate

\* depending on the features of your dishwasher

## Info button


The Info button  can be used to display additional programme information.

- 1. Press the Info button 
- 2. Press the programme button. Information on the selected programme is indicated on the display window at the top .
- 3. To leave, press Info button 

## Time setting

When the appliance is switched on the for the first time, the time starts at 12:00 o'clock.


### Set the time as follows:

- 1. Open the door.
- 2. Switch on ON/OFF switch .
- 3. Press Info button   for 3 seconds until the following text is indicated on the display window at the top .

### Scroll with < >

### Set with - +

### Leave with Setup 3 sec


- 4. Keep pressing button >  until the time setting is indicated on the display window at the top .
- 5. Make the setting with setting buttons + - . If the selection buttons + -  are held down, the set values are changed in 10-minute steps.
- 6. Press and hold the Info button   for 3 seconds. The chosen setting has now been stored.

**Note:** If the appliance was disconnected from the power supply for a prolonged period, the time starts at 12:00 o'clock. Set the time.

## Initial start-up

When the dishwasher is switched on for the first time, you are taken directly to the settings for the initial start-up.

**Note:** If you select Home Connect during the initial start-up, make further settings via your dishwasher App.

Observe the supplied Home Connect documents. On the display window at the top  the following text appears for manual selection:





**Scroll with < >**


**Set with - +**

**Leave with Setup 3 sec.**

The required settings for the initial start-up are listed in the table below.

**To change the setting:**

- 1. Keep pressing button  until the required setting is displayed. Change the setting with setting buttons + - .
- 2. Press and hold the Info button   for 3 seconds. The chosen setting has now been stored.





Initial start-up settings	Factory setting	Infotext by pressing Info button 
Language	Deutsch	Language selection.
Home Connect	Manual/Home Connect	Manual/Home Connect.
Time format	24 h	12h or 24h.
Time setting	12:00	Set the current time.
Water hardness	°E 16 - 20 medium	Adjustment to the local water hardness. When using Multitabs, select the lowest setting.
Rinse aid disp.	Level 5	Amount of rinse aid affects drying. When using Multitabs, select setting 0.
Water connection *	Cold water	Connection to hot water (40-60°C) or cold water (<40°C) possible.

\* depending on the features of your dishwasher

## Settings

The dishwasher has been preset with certain settings for your convenience. However you can also change this factory setting.

**To change the setting:**

- 1. Open the door.
- 2. Switch on ON/OFF switch .
- 3. Press Info button   for 3 seconds until the following text is indicated on the display window at the top .

**Scroll with < >**

**Set with - +**

**Leave with Setup 3 sec.**

- 4. Keep pressing button > **16** until the required setting is displayed. Make the setting with setting buttons + - **8**.
- 5. Press and hold the Info button **i** **3** for 3 seconds. The chosen setting has now been stored.


You have the option of resetting all changed settings back to the original factory settings.

**Note:** When you reset your dishwasher to the factory settings, you are taken directly to the settings for the initial start-up.

Basic setting	Factory setting	Infotext; by pressing Info button <b>i</b>
Time setting	12:00	Set the current time.
Time format	24h	12h or 24h.
Time display	Time	Show end of programme with display "Ready in" or "Finish at".
Sprache/Language	Deutsch	Language selection.
Water hardness	°E 16 - 20 medium	Setting water hardness. When using Multitabs, select the lowest setting.
Rinse aid dispenser	Level 5	Amount of rinse aid affects drying. When using Multitabs, select setting 0.
Sensor setting	Standard	Adjustment of soiling detection for optimum cleaning result.
ExtraDry	Off	Improved drying for glasses and plastic tableware.
Water connection *	Cold water	The dishwasher can be connected to either hot (40-60°C) or cold water (<40°C).
Eco forecast	Off	Show the water and energy consumption.
Auto Power Off	After 1 min.	Appliance automatically switches off at end of rinsing process.
emotionLight	On	Interior light.
Emotion Light 1	Level 4	Brightness setting for interior lighting.

\* depending on the configuration of your specific dishwasher



Basic setting	Factory setting	Infotext; by pressing Info button 
Emotion Light 2	Depending on the specific configuration of your dishwasher	Colour setting for the interior lighting.
Emotion Light 3	On	Visual signalling of faults.
Front display *	On	The front display can be selected.
timeLight *	On	While a programme is running, status information is projected onto the floor.
infoLight *	On	Light is projected to signal an active washing cycle.
Start up programme	Eco 50°	When you switch on, the most recently selected programme appears.
Tone volume *	Level 2	Volume of the signal at the end of a programme.
Button volume	Level 2	Volume when using button.
Child-proof lock *	Off	Activated child-proof lock impedes opening of door.
Wi-Fi	On/Off	Switch wireless network connection on/off.
Network login	Manual/Automatic	Test WPS function on router. No WPS function: Manual WPS function: Automatic
Connect to App	Start with +	Connect dom. appliance to mobile terminal device.
Energy manager *	Connect with +	Connect dom. appliance to energy manager of home system.
Eco drying *	On	Door opens automatically at the end of the programme.
Greeting	On	When switching on the appliance, the brand logo can be switched off.
Factory setting	Reset	Reset to factory setting.

\* depending on the configuration of your specific dishwasher

**Note:**

- The “Network login” menu option is not available unless Wi-Fi has been switched on.
- The “Connect to App” menu option is not available unless there was a connection to the home network.
- The “Energy manager” menu option is not available unless there was a connection to the home network and the appliance is connected to the app.

## Water softening system / special salt

Water softening system/ special salt To ensure good rinsing results, the dishwasher requires soft water, i.e. water which is low in lime, otherwise limescale will be deposited on the utensils and

interior container. Tap water above 7° dH (1.2 mmol/l) must be softened. The water is softened with special salt (regeneration salt) in the water softening system of the dishwasher. The setting and therefore the required amount of salt depends on the degree of hardness of your tap water (see following water hardness table).


### Water hardness table

Water hardness value °E	Hardness range	mmol/l	Set value on the machine
0-8	soft	0-1.1	0-8
9-10	soft	1.2-1.4	9-10
11-12	medium	1.5-1.8	11-12
13-15	medium	1.9-2.1	13-15
16-20	medium	2.2-2.9	16-20
21-26	hard	3.0-3.7	21-26
27-38	hard	3.8-5.4	27-38
39-62	hard	5.5-8.9	39-62

### Adjusting the water softening system

The amount of salt dispensed can be set from 0 to 62°E. Salt is not required at the set value 0-8.

#### Set the softening system as follows:

1. Ask your local water utility company for the water hardness value of the tap water.
2. Required setting can be found in the water hardness table.
3. Open the door.
4. Switch on ON/OFF switch  1.
5. Press Info button   3 for 3 seconds until the following text is indicated on the display window at the top  4:

Scroll with < >

Set with - +

Leave with Setup 3 sec.

6. Keep pressing button >  16 until the water hardness is indicated on the display window at the top  4.
7. Make the setting with setting buttons + -  8.

8. Press and hold the Info button **3** for 3 seconds.

The chosen setting has now been stored.

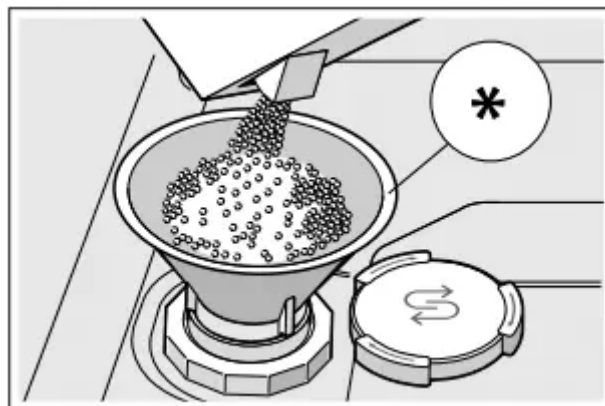
## Using special salt

As soon as the low salt indicator **6** is lit on the control panel or is requested on the front display **13**, salt should be topped up. Always refill with special salt immediately before switching on the appliance. This ensures that overrun special salt solution is immediately washed out and does not corrode the rinsing tank.

**Caution!** Detergent will destroy the water softening system! Never pour detergent into the salt dispenser.

### Top up the salt as follows:

- 1. Undo the screw plug on the dispenser **28**.
- 2. Fill the dispenser with water (required only when switching on the appliance for the first time).
- 3. Add salt as illustrated (do not use table salt or tablets). The water is displaced and runs out.



\* depending on the features of your dishwasher

## Using detergents with salt component

If combined detergents with a salt component are used, special salt can usually be omitted up to a water hardness of 21° dH (37° fH, 26° Clarke, 3.7 mmol/l). If the water hardness is over 21° dH, salt must be used.

## Switching off low salt indicator / water softening system

If the use of combined detergents with a salt component impairs the low salt indicator **6** on the control panel or the text on the display window at the top **4** (enough salt for x rinse cycles), the displays can be switched off.

Proceed as described under “Setting water softening system” and set the value to 0-8. The water softening system and salt refill indicator are now switched off.

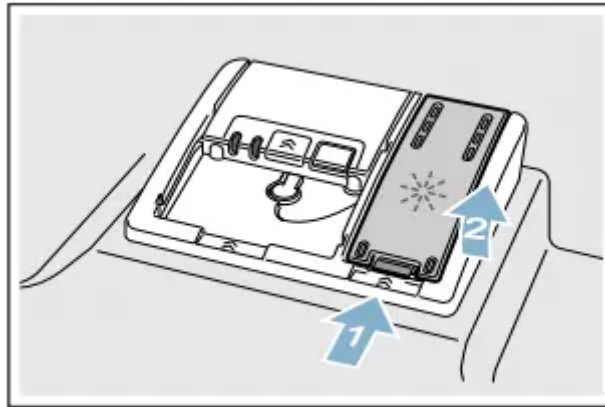
## Rinse aid

As soon as the low rinse-aid indicator **5** is lit on the control panel or is requested on the front display **13**, rinse-aid should be topped up. The rinse aid is required for stain-free utensils and clear glasses. Use only rinse aid for domestic dishwashers. Combined detergents with rinse-aid component may be used up to a water hardness of 21° dH (37° fH, 26° Clarke, 3.7 mmol/l) only. If the water hardness is over 21° dH, rinse-aid must be used.

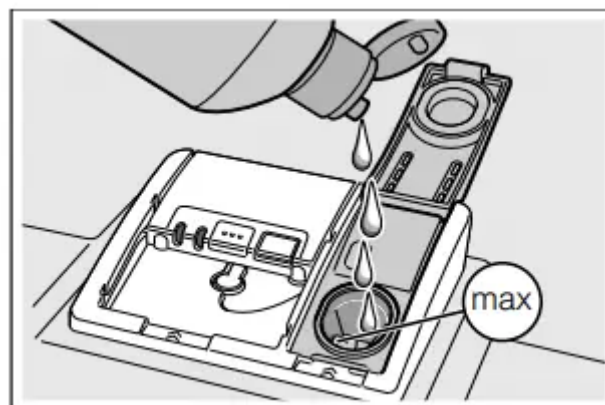
\* depending on the features of your dishwasher

Top up the rinse-aid as follows:

- 1. Open dispenser **32** ; press lug on the lid (1) and lift (2).



- 2. Add rinse-aid up to the max. mark.




- 3. Close the lid. Lid “clicks” into position.
- 4. Remove overflowed rinse aid with a cloth. This prevents excessive frothing during the next rinse cycle.

## Setting amount of rinse aid

The amount of rinse aid to be dispensed can be set from 0 to 6. Set the amount of rinse aid to be dispensed to 5 to obtain a very good drying result. Do not change the amount of rinse aid unless there are streaks or water stains on the utensils. Set a lower level to avoid streaks. Set a higher level to avoid water stains.


### Set the amount of rinse aid as follows:

- 1. Open the door.
- 2. Switch on ON/OFF switch  1.
- 3. Press Info button   3 for 3 seconds until the following text is indicated on the display window at the top  4:

Scroll with < >

Set with - +

Leave with Setup 3 sec.

- 4. Keep pressing button >  16 until the rinse aid dispenser is indicated on the display window at the top  4.
- 5. Make the setting with setting buttons + -  8.
- 6. Press and hold the Info button   3 for 3 seconds. The chosen setting has now been stored.

## Switching off rinse aid refill indicator

If the use of combined detergents with a rinse-aid component impairs the low rinse-aid indicator  5 on the control panel or the text on the front display  13, (enough rinse aid for x rinse cycles), the displays can be switched off.

Proceed as described under “Setting amount of rinse aid” and select setting 0.

\*depending on the features of your dishwasher

## Utensils

### Utensils Not suitable

- Cutlery and utensils made of wood.
- Delicate decorative glasses, craft and antique utensils. These decors are not dishwasher-proof.
- Plastic parts not resistant to heat.

- Copper and tin utensils.
- Utensils which are soiled with ash, wax, lubricating grease or ink. Aluminium and silver parts have a tendency to discolour and fade during the wash cycle. Even some types of glass (e.g. crystal glass objects) may turn cloudy after many wash cycles.

## Glass and utensil damage

### Causes:

- Glass type and glass production process.
- Chemical composition of the detergent.
- Water temperature of the wash programme.

### Recommendation:

- Use only glasses and porcelain which the manufacturer designates as dishwasher-proof.
- Use a detergent which protects utensils.
- Take glass and cutlery out of the dishwasher as soon as possible after the programme ends.

## Loading the dishwasher

1. Remove large food remnants. It is not necessary to prerinse utensils under running water.
2. Place the utensils so that
  - they are secure and cannot tip over.
  - all utensils with their openings face down.
  - parts with curves or indentations are at an angle, thereby allowing water to drain.
  - does not obstruct rotation of the two spray arms **[23]** and **[27]**

Very small utensils should not be washed in the machine, as they may fall out of the baskets.

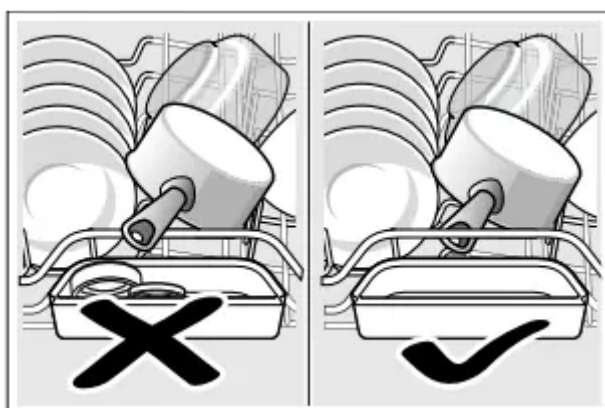
## Upper basket

Arrange cups and glasses in the upper basket **[22]**.



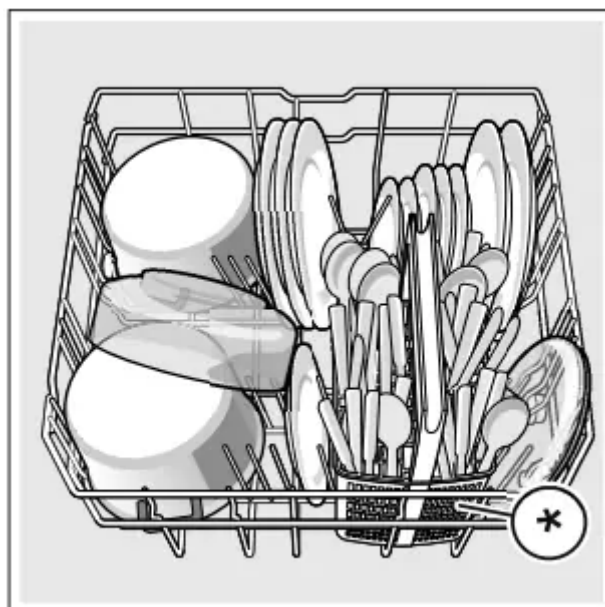
\* depending on the features of your dishwasher

**Note:** Utensils must not be placed above the tablet collecting tray **24**. These may block the lid of the detergent dispenser and prevent it from opening fully.



### Lower basket

Arrange pots and plates in the lower basket **31**.



\* depending on the features of your dishwasher

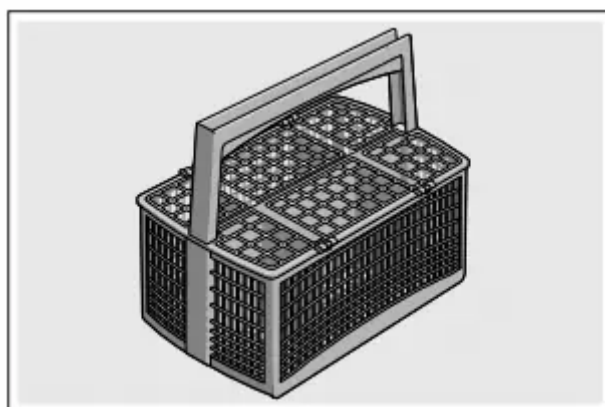
**Tip:** Heavily soiled utensils (pans) should be placed in the lower basket. The more powerful spray jet provides a better dishwashing result.

**Tip:** Other examples, such as the best way of loading your dishwasher, can be found on our homepage. These can be downloaded free of charge. The corresponding Internet address can be found on the back page of these instructions for use.

### **Cutlery basket \***

Place cutlery, always unsorted with the tips face down, in the cutlery basket \*.

To prevent injuries, place long, pointed implements and knives on the knife shelf \*.

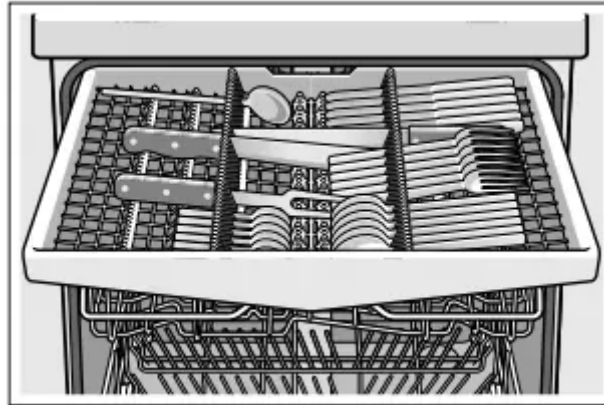


\* depending on the features of your dishwasher

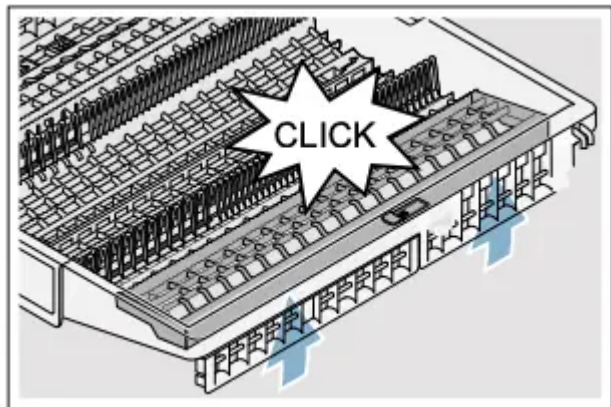
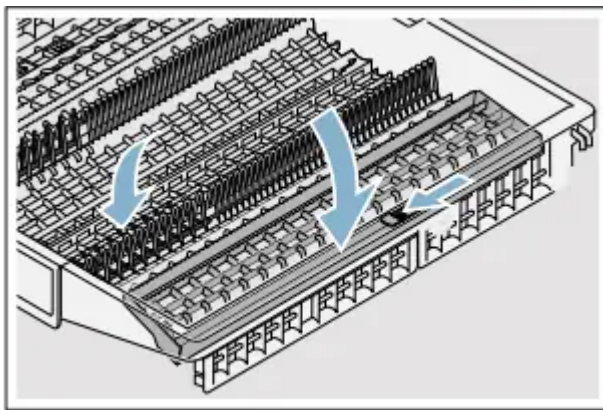
### **Cutlery drawer \***

Arrange the cutlery in the cutlery drawer **21** as illustrated. Separately arranged utensils are easier to remove after washing.

You can take out the cutlery drawer.



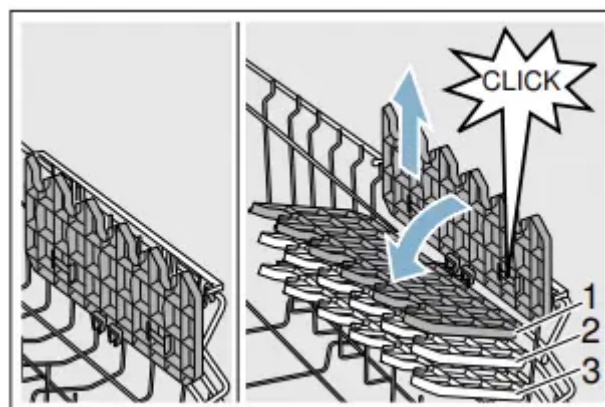
Depending on the features of your dishwasher, you can fold down the side shelves to provide more room for taller items of cutlery. The front rows of prongs can be folded down to provide room for wider handles.



\* depending on the features of your dishwasher

### Etagere \*

The etagere and the space underneath can be used for small cups and glasses or for larger items of cutlery, such as wooden spoons or serving cutlery. If you do not require the etagere, it can be folded up.



\* Depending on the features of your dishwasher, you can adjust the etagere 3 times the height.

### Adjust the height of the etagere as follows:

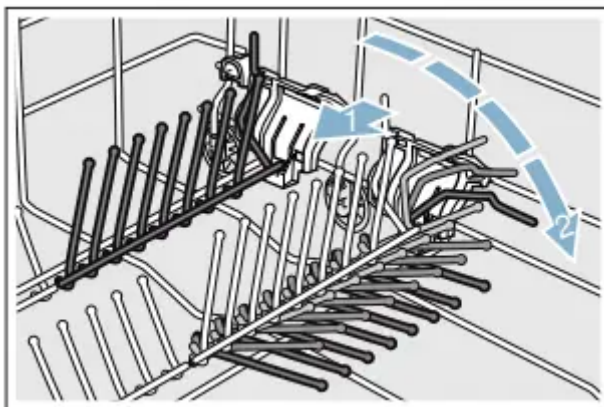
- 1. Position the etagere vertically and pull upwards.
- 2. Push etagere at a slight angle downwards to the required height (1, 2, or 3).
- 3. Engage etagere. Etagere “clicks” into position.

### Folding spikes \*

\* Depending on the features of your dishwasher, the spikes can be folded down. This facilitates arrangement of pots, bowls and glasses.

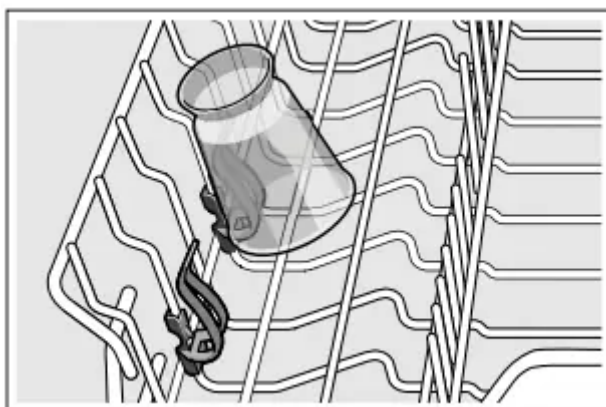
#### Fold down the spikes as follows:

- 1. Press lever forwards (1).
- 2. Fold down spikes (2).



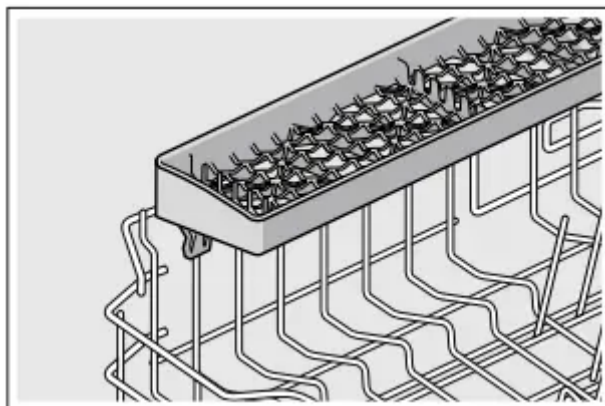
### Small items holder \*

\* Depending on the features of your dishwasher, the upper basket is fitted with small items holders. The small items holders can be used to securely attach light plastic parts.



### Knife rack \*

\* Depending on the features of your dishwasher, the upper basket is fitted with a knife shelf. Long knives and other utensils can be placed in the knife shelf.



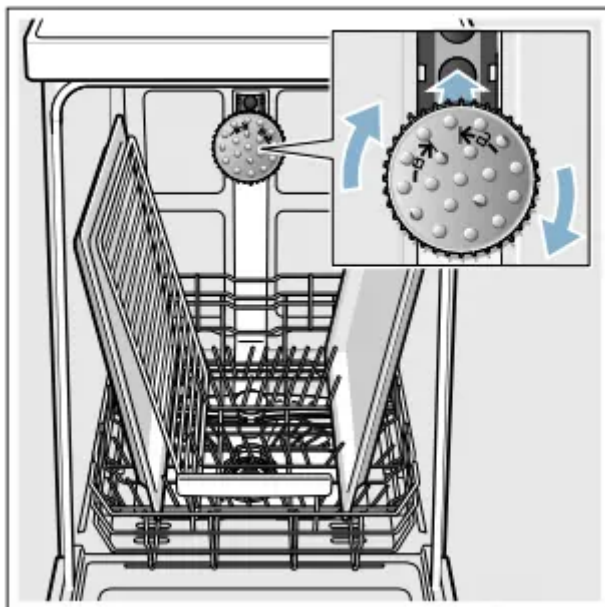
### Baking sheet spray head \*

\* depending on the features of your dishwasher

Large trays or grilles as well as large plates (gourmet plates, pasta plates, dinner plates) can be cleaned with this spray head.

#### Insert the spray head as follows:

- 1. Remove upper basket **22**.
- 2. Insert spray head as illustrated and turn to the right. Spray head is engaged.



To ensure that the spray jet can reach all parts, arrange the baking sheets as illustrated (max. 2 baking sheets and 2 grilles).

**Note:** Ensure that the dishwasher is always operated with upper basket **22** or baking tray spray head.

## Unloading the dishwasher

To prevent water from dripping off the upper basket onto the utensils in the lower basket, it is recommended to empty the appliance from the bottom up.

**Tip:** Hot utensils are sensitive to shock! Therefore, when the programme ends, leave the utensils to cool down in the dishwasher until they can be handled.

**Note:** When the programme ends, water droplets can still be seen inside the appliance. This does not affect the drying of the utensils.




## Detergent

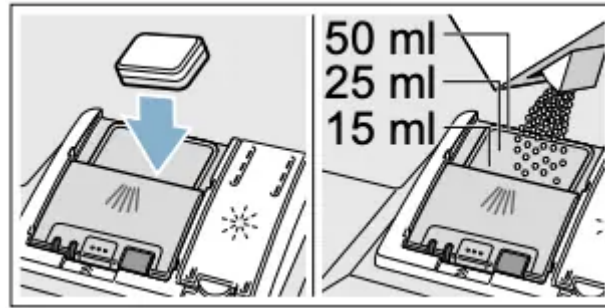
You can use tablets as well as powder or liquid detergents for dishwashers, but never use washing-up liquid. The dosage can be individually adjusted with powder or a liquid detergent according to the degree of soiling. Tablets contain an adequately large amount of active ingredients for all cleaning tasks. Modern, powerful detergents predominantly use a low-alkaline formulation with enzymes. Enzymes break down starch and remove protein. To remove coloured stains (e.g. tea, ketchup), oxygen-based bleaching agents are generally used.

**Note:** To ensure a good washing result, always follow the instructions on the detergent packaging! If you have further questions, we recommend that you contact the detergent manufacturers' helplines.

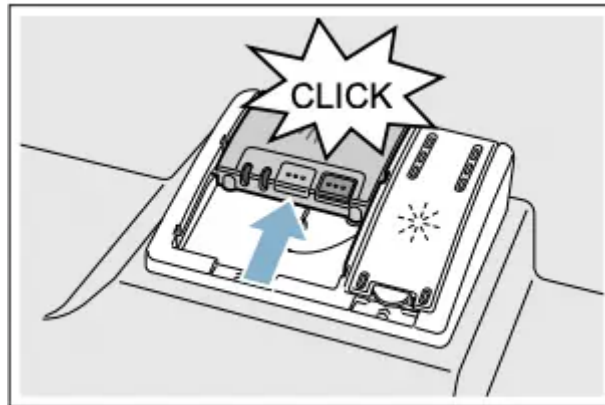
**Warning Risk of injury and damage due to non-observance of the safety instructions for detergent and rinse-aid products!** Always follow the safety instructions for detergent products and rinse-aid products.

## Adding detergent

- 1. If the detergent dispenser  is still closed, actuate locking bar  to open it.
- 2. Pour detergent into the dry detergent dispenser  only (insert tablet flat, not on its edge).
- 3. Dosage: see manufacturer's instructions on the packaging. Use graduated detergent dispenser. Usually 20 ml–25 ml are adequate for normal soiling. If using tablets, one tablet is adequate.



- 4. Close cover on the detergent dispenser. Cover “clicks” into position.



The detergent dispenser opens automatically at the optimum time depending on the programme. The powder or liquid detergent is distributed in the appliance and is dissolved, the tablet falls into the tablet collecting tray where it dissolves in doses.

**Tip:** If the utensils are only lightly soiled, slightly less than the indicated amount of detergent is usually adequate. Suitable detergents and care products can be purchased online via our website or via customer service (see back page).

### Combination detergent

Apart from conventional detergents (Solo), a number of products are offered with additional functions. These products contain not only the detergent but also rinse-aid and salt replacement substances (3in1) and, depending on the combination (4in1, 5in1, ...), additional components such as glass protection or stainless steel cleaner. Combination detergents function only up to a specific degree of hardness (usually 21°dH). Over this limit salt and rinse-aid must be added.

As soon as combined detergents are used, the rinse programme is adjusted automatically to ensure the best possible rinsing and drying result.

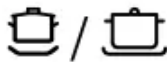









### Notes

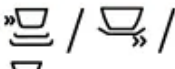

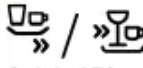




- If you want to add more utensils after the programme has started, do not use the tablet collecting tray **24** as a handle for the upper basket. The tablet could already be there and you will touch the partially dissolved tablet.

- Do not place small parts for washing in the tablet collecting tray **24**; this prevents the tablet from dissolving evenly.
- You will obtain optimum rinsing and drying results by using solo detergents and applying salt and rinse aid separately.
- If programmes are short, tablets may not have full cleaning effect due to different dissolving properties and there may even be undissolved detergent residue. It is recommended to use washing powder for these programmes.
- The dosing of a tablet is adequate for the “Intensive” programme (for some models). When using washing powder, you can apply some of this cleaning agent to the inside of the appliance’s door.
- Even if the rinse-aid and/or salt refill indicator is lit, the rinse programme will run correctly with combined detergents.
- If using detergents in a water-soluble protective cover: Take hold of the cover with dry hands only and put the detergent into an absolutely dry detergent dispenser only, otherwise the detergent may stick.
- If you switch from combined detergents to solo detergents, ensure that the water softening system and amount of rinse aid have been set to the correct value.
- Biological/eco detergents: Detergent products identified as “Bio” or “Eco” (to protect the environment) usually use lower quantities of active agents or completely dispense with certain substances. The cleaning effect of such products may occasionally be restricted.


## **Overview of programmes**

The max. possible number of programmes is illustrated in this overview. The corresponding programmes and their arrangement can be found on the fascia.

Type of dish	Type of soiling	Programme	Possible additional options	Programme sequence
pots and pans, non-sensitive utensils and cutlery	very stubborn burned or dried-on food remains containing starch or protein	 /  Intensive 70°	all	<b>Intensive:</b> Pre Rinse Cleaning 70° Intermediate rinse Final rinse 65° Drying
mixed utensils and cutlery	part dried, common household food remnants	 /  Auto 45° - 65°	all	<b>Sensor-controlled:</b> Is optimised according to the soiling with the aid of sensors.
mixed utensils and cutlery	part dried, common household food remnants	 / <b>eco</b> Eco 50°	all	<b>Most economical:</b> Pre Rinse Cleaning 50° Intermediate rinse Final rinse 35° Drying
mixed utensils and cutlery	part dried, common household food remnants	 / <b>Silence</b> Silence 50°	intensiveZone Half load HygienePlus ExtraDry Shine and Dry	<b>Reduced noise:</b> Pre Rinse Cleaning 50° Intermediate rinse Final rinse 35° Drying
sensitive utensils, cutlery, temperature-sensitive plastic and glasses	lightly adhering, fresh food remains	 /  Glass 40°	intensiveZone VarioSpeedPlus Half load ExtraDry Shine and Dry	<b>Particularly gentle:</b> Pre Rinse Cleaning 40° Intermediate rinse Final rinse 50° Drying
mixed utensils and cutlery	part dried, common household food remnants	 /  Quick 65°	Extra Dry Shine and Dry	<b>Time-optimised:</b> Cleaning 65° Intermediate rinse Rinsing Drying

Type of dish	Type of soiling	Programme	Possible additional options	Programme sequence
mixed utensils and cutlery	part dried, common household food remnants	 /  Short 60°C	all	<b>Time-optimised:</b> Cleaning 60° Intermediate rinse Rinsing Drying
sensitive utensils, cutlery, temperature-sensitive plastic and glasses	lightly adhering, fresh food remains	 /  Quick 45°	Extra Dry Shine and Dry	<b>Time-optimised:</b> Cleaning 45° Intermediate rinse Final rinse 50°
all types of dishes	cold rinsing, intermediate cleaning	 /  Pre Rinse	None	<b>Cold rinse</b> Pre Rinse
-	-	 / <b>Easy Clean</b> Machine Care	None	<b>Machine cleaning cycle 70°</b>

## Additional functions

\* Depending on the features of your dishwasher, you can select different additional functions .



### Save time (VarioSpeedPlus) \*

The “Save time” function can reduce the running time by approx. 20% to 66% depending on the selected rinse programme. To obtain optimum cleaning and drying results at a reduced running time, water and energy consumption are increased.



### Half load \*

If you have only a few items to wash (e.g. glasses, cups, plates), you can switch to “half load”. This will save water, energy and time. It is recommended to put a little less detergent in the detergent dispenser than for a full load.



### HygienePlus (HygienePlus) \*

This function increases the temperatures and retains them for an extra long time to obtain a defined disinfection performance. Continuous use of this function increases the hygiene status. This additional option is ideal for cleaning e.g. chopping boards and baby bottles.



### **intensiveZone \***

Perfect for a mixed load. You can wash very soiled pots and pans in the lower basket together with normally soiled utensils in the upper basket. The spray pressure in the lower basket is intensified, the rinsing temperature is increased slightly.



### **extraDry \***

An increased temperature during the final rinse and an extended drying phase ensure that even plastic parts dry better. There is a slight increase in the energy consumption.



### **Shine and Dry \***

By increasing the amount of water during the rinse cycle and extending the drying phase, stains are prevented and the drying result is improved. There is a slight increase in the energy consumption. Rinse aid is recommended for the high gloss drying function (even when using combination detergents).



### **Energy Save \***

The “Energy Save” function can be used to reduce water and energy consumption. The running time is extended for optimum cleaning and drying results.

## **Operating the appliance**





### **Programme data**

The programme data (consumption values) can be found in the summary of instructions. They refer to normal conditions and the water hardness set value °E 16 - 20 medium. Different influencing factors such as water temperature or line pressure may result in deviations.

### **Changing the settings**

The dishwasher has been preset with certain settings for your convenience. You can change these factory settings.

#### **Change the setting as follows:**

- 1. Open the door.
- 2. Switch on ON/OFF switch .
- 3. Press Info button   for 3 seconds until the following text is indicated on the display window at the top .

**Scroll with < >**

**Set with - +**

**Leave with Setup 3 sec.**

- 4. Keep pressing button > **16** until the required setting is indicated on the display window at the top **4**.
- 5. Make the setting with setting buttons + - **8**.
- 6. Press and hold the Info button **i** **3** for 3 seconds. The chosen setting has now been stored.

**Tip:** If you change several settings, first make all changes in succession. Now press the Info button **i** **3** for 3 seconds. This saves all set values in the appliance.

## **AquaSensor \***

\* depending on the features of your dishwasher

The Aqua sensor is an optical measuring device (light barrier) which measures the turbidity of the rinsing water.

The AquaSensor is used according to the programme. If the AquaSensor is active, “clean” rinsing water can be transferred to the next rinse bath and water consumption can be reduced by 3–6 litres. If the turbidity is greater, the water is drained and is replaced with fresh water. In the automatic programmes the temperature and running time can also be adjusted to the degree of soiling.

## **Zeolith drying**

**Warning Risk of burns from touching the blow opening** **26**!

Never touch the blow opening. The blow opening becomes hot and, furthermore, any damage will result in a chargeable callout by customer service.

**Caution!** Please ensure that the intake opening **25** is not obstructed and do not place any temperature-sensitive utensils in the lower basket at the rear right side above the blow opening **26**.

The appliance features a Zeolith container. Zeolith is a mineral which can store moisture and heat energy and release them again.

During the washing step this heat energy is used to dry the mineral and heat up the rinsing water.

During the drying phase moisture from the rinsing compartment is stored in the mineral and heat energy is released. This released heat energy is blown into the rinsing compartment with dry air. This accelerates and improves drying.

These processes therefore save a great deal of energy

## Time display

The running time is determined during the programme by the water temperature, the number of utensils as well as the degree of soiling and may vary (depending on the selected programme). You can change the time display in time or hours/minutes so that the remaining running time of the rinsing programme appears in the display window “Ready at” (for example 15:20 hours) or “Ready in” (for example 3:25).

## Switching the appliance on

- 1. Turn on tap fully.
- 2. Open the door.
- 3. Switch on ON/OFF switch  1. The Eco 50° programme has been preset for environmentally friendly operation whenever the appliance starts. This programme remains selected if no other programme button  2 is pressed.
- 4. Press START button  12.
- 5. Close the door. Programme sequence starts.

**Note:** For ecological reasons the Eco 50° programme is preset whenever the appliance starts. This conserves environmental resources and not least saves you money.

The Eco 50° programme is a particularly environmentally friendly programme. According to EU regulation 1016/2010 it is the “Standard programme” which is the most efficient standard cleaning cycle for cleaning normally soiled utensils in terms of the combined energy and water consumption for cleaning these types of utensils.

## Time preselection

You can delay the start of the programme by up to 24 hours. Depending on the setting of the time display, the end of programme is indicated with “Finish in” (for example 3h 25m) or “Finish at” (for example 15:20 hours).

- 1. Open the door.
- 2. Switch on ON/OFF switch  1.
- 3. Selects programme  2.
- 4. Press time preselection button  9.
- 5. Keep pressing the setting buttons + -  8 until the displayed time corresponds with your requirements.
- 6. Press START button  12, timer programming is activated.

- 7. To delete the time preselection, press START button **12**, for approx. 3 seconds. Time preselection was terminated.
- 8. Close the door.

## Programme end

\* The programme has ended when “Finished” is indicated on the display window at the top **4**, and on the front display **13**.

\* The end of the programme is displayed on the floor – provided the TimeLight (optical display) is switched on and is visible.

\* depending on the features of your dishwasher

## Switching off the appliance

### Short time after the end of the programme:

- 1. Open the door.
- 2. Switch off ON/OFF switch **1**.
- 3. Turn off tap (does not apply to appliances with Aqua-Stop).
- 4. Remove the utensils when they have cooled down.

**Note:** When the programme ends, leave the appliance to cool down a while before opening it. This will prevent steam from escaping and causing long-term damage to your built-in furniture.

## Cleaning and maintenance

A regular inspection and maintenance of your machine will help to prevent faults. This saves time and prevents problems.

### Overall status of the dishwasher

\*The interior of your dishwasher is predominantly self-cleaning. In order to remove deposits, your dishwasher automatically changes the running of the programme (such as by increasing the cleaning temperature) at certain intervals. This will lead to higher consumption values when running this programme.

\*Depending on the features of your dishwasher

**If you should find deposits in the interior of the dishwasher in spite of this, remove these deposits as follows:**

- 1. Fill the detergent dispenser **33** with detergent.
- 2. Select the programme with the highest temperature.

- 3. Start the programme without dishes.

**Warning Health hazard due to detergents containing chlorine!** Always use chlorine-free detergents.

### Notes

- Only clean the appliance with special detergents/appliance cleaners which are suitable for use with dishwashers.
- Regularly wipe the door seals using a damp cloth and a little washing-up liquid. This will keep the door seal clean and hygienic.
- Leave the door open slightly if the appliance will not be used for a while. This will prevent an unpleasant odour from developing.
- Never clean the dishwasher using a steam cleaner. The manufacturer is not liable for any consequential damage.
- Wipe the front of the dishwasher and the control panel regularly using a damp cloth and a little washing-up liquid.
- Do not use sponges with a rough surface or abrasive detergents. These could scratch the surface.
- For dishwashers with a stainless steel front, avoid using sponge cloths, or rinse these thoroughly several times before using them for the first time. This will prevent corrosion.

### Machine Care

CareMachine Care used in combination with commercially available machine cleaning detergent is a suitable programme for cleaning your dishwasher. Deposits such as grease and limescale can cause your dishwasher to malfunction. In order to avoid such faults and to reduce the development of odours, we recommend cleaning the dishwasher at regular intervals.

\* As soon as the Machine Care display lights up in the control panel, or you are advised to do so on the front display, run the Machine cleaning programme Machine Care without loading any tableware. After you have run the Machine Care the display in the control panel will go out.

If your dishwasher does not have a reminder function, follow the instructions for use on the machine cleaning detergents.

### Notes

- Remove any coarse soiling in the interior using a damp cloth.
- Run the programme without dishes, and in combination with a machine cleaning detergent.
- Use a special machine cleaning detergent, and not dishwasher detergent.

- Observe the safety instructions and the instructions for use on the machine cleaning detergent packaging.

- \*After three rinse cycles, the display in the control panel will go out automatically, even if you have not run the Machine cleaning cycle programme.

\* depending on the features of your dishwasher

## Special salt and rinse aid

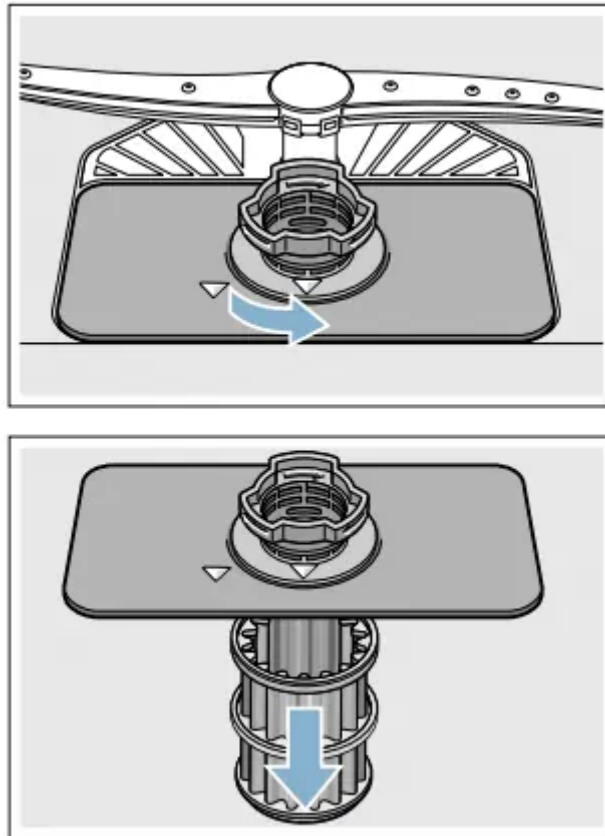
Top up the salt and/or rinse aid as soon as the refill indicators on the fascia **6** and **5** are lit or there is a prompt on the front display **13**,

\* depending on the features of your dishwasher

## Filters

The filters **29** keep large foreign objects in the rinsing water away from the pump. These foreign objects may occasionally block the filters. The filter system consists of

- a coarse filter
  - a flat fine filter
  - a microfilter
- 1. After each washing cycle check the filters for residue.
  - 2. Unscrew filter cylinder as illustrated and take out filter system.

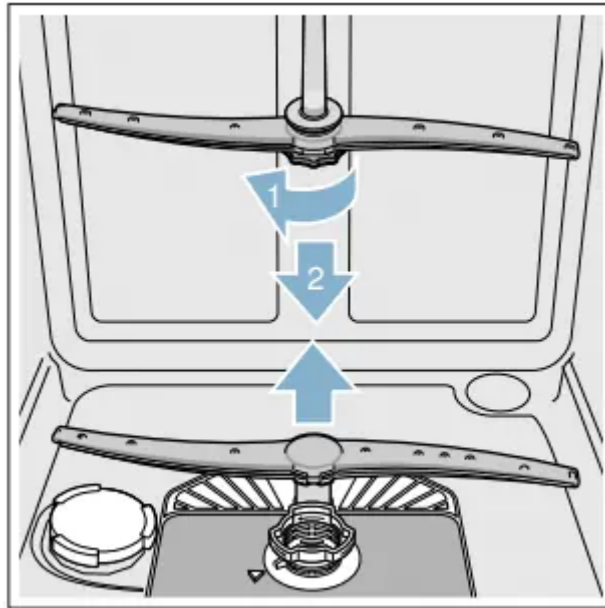


- 3. Remove any residue and clean filters under running water.
- 4. Re-install filter system in reverse sequence and ensure that the arrow marks are opposite each other after closing the filter system.

### Spray arms

Limescale and contaminants in the rinsing water may block nozzles and bearings on the spray arms **23** and **27**.

- 1. Check outlet nozzles on the spray arms for blockages.
- 2. Unscrew the upper spray arm **23** (1) and remove downwards (2).
- 3. Remove the lower spray arm **27** upwards



- 4. Clean spray arms under running water.
- 5. Re-engage or screw on spray arms.

## Fault, what to do?

Experience has shown that you can rectify most faults which occur in daily operation yourself. This ensures that the appliance is quickly available to you again. In the following overview you can find possible causes of malfunctions and helpful information for rectifying them.

**Note:** If the appliance stops during dishwashing or does not start for no obvious reason, first run the Abort programme function (Reset) → "Operating the appliance" on page 35.

**Warning Improper repairs or use of non-original spare parts may cause considerable damage and put the user at considerable risk!** Always have repairs carried out by technicians. If a component has to be replaced, always use original spare parts.

### Error message

Some faults are indicated at the top of the display window **4**, and on the front display **13**, and possible remedies are offered (for example Filter system soiled (E22) -->Clean filters). If you have switched on emotionLight 3 (visual indication of faults), the interior lighting will additionally flash.

\* depending on the features of your dishwasher

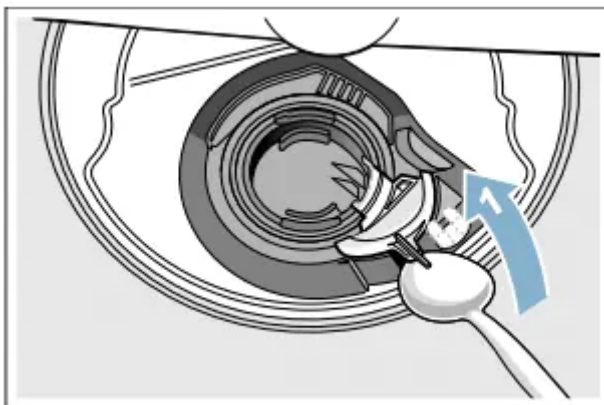
### Waste water pump

Large food remnants or foreign objects which were not captured by the filters may block the waste water pump. The rinsing water will then be above the filter.

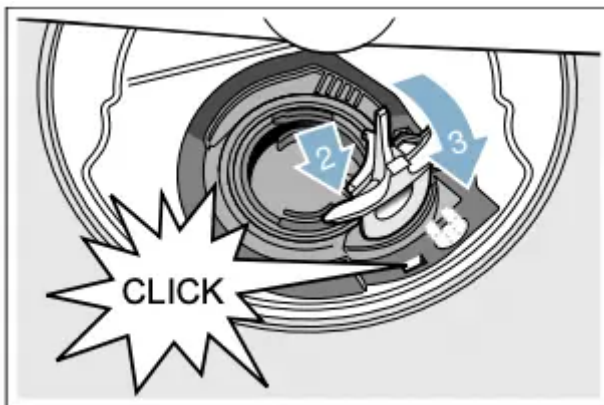
**Warning Danger of cutting!** Sharp and pointed objects or glass fragments may block the waste water pump. Always carefully remove foreign objects.

**Clean the waste water pump as follows:**

- 1. Disconnect the dishwasher from the power supply.
- 2. Take out top basket **22** and bottom basket **31**.
- 3. Remove the filters **29**.
- 4. Scoop out water, use a sponge if required.
- 5. Prise off the pump cover (as shown) using a spoon. Grip the pump cover by the crosspiece and lift diagonally inwards (1). Remove cover completely



- 6. Check impeller wheel and remove any foreign objects.
- 7. Place pump cover in the original position (2) and press down until it engages (3).



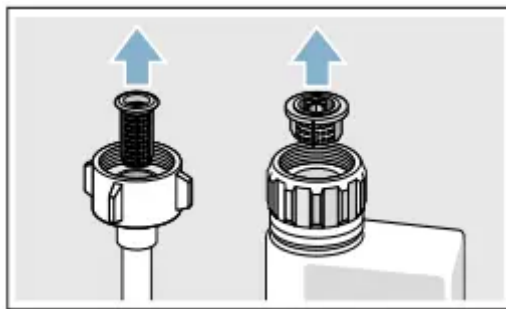
- 8. Install filters.
- 9. Re-insert baskets.

**Fault table**

**Fault code** E:18 **E:18 is lit.**

- Supply hose kinked.
  - Install supply hose without kinks.

- Water supply turned off.
  - Turn on water supply.
- Water supply jammed or calcified.
  - Turn on water supply.
  - Flow rate must be at least 10 l/min. when water supply is open.
- Filter in the water supply blocked.
  - Switch off the appliance and pull out the mains plug. Turn off water supply. Unscrew water connection.
  - Clean filter in the supply hose. Screw water connection on again. Check for leaks. Reconnect power supply. Switch on the appliance.



**Fault code** E:07 **E:07 is lit.**

- Intake opening (on right inside of appliance) covered by utensils.
  - Arrange utensils so that the intake opening is not obstructed.

**Fault code** E:12 **E:12 is lit.**

- Heating element calcified or soiled.
  - Clean appliance with dishwasher cleaning agent or descaler. Operate the dishwasher with water softening system and check the setting. → " Water softening system/special salt" on page 20

**Fault code** E:14 **E:14 is lit.**

**Fault code** E:15 **E:15 is lit.**

- Water protection system activated.
  - Turn off water supply.
  - Call customer service and quote the fault code.

**Fault code E:16 E:16 is lit.**

- Constant water supply.
  - Turn off water supply.
  - Call customer service and quote the fault code.

**Fault code E:22 E:22 is lit.**

- Filters  are soiled or blocked.
  - Clean filters. → "Filters" on page 43

**Fault code E:24 E:24 is lit.**

- Waste-water hose kinked or blocked.
  - Install hose without kinks, remove any residue.
- Siphon connection still sealed.
  - Check connection to siphon and open if required.
- Cover on the waste water pump loose.
  - Lock cover correctly. → "Waste water pump" on page 45

**Fault code E:25 E:25 is lit.**

- Waste water pump blocked or cover on the waste water pump is not locked in position.
  - Clean pump and lock cover correctly. → "Waste water pump" on page 45

**Fault code E:27 E:27 is lit.**

- Mains voltage too low.
  - No appliance fault, have the mains voltage and electrical installation checked.

**A different fault code is indicated on the digital display. (E:01 to E:30) (E:01 to E:30)**

- A technical fault has probably occurred.
  - Switch off the appliance with the ON/OFF switch . After a short time restart the appliance.
  - If the problem recurs, turn off water supply and pull out the mains plug.
  - Call customer service and quote the fault code.

**Home network is not loading.**

- WLAN is not active on the router.
  - Check the wireless network connection of your router.

### **WLAN display flashes.**

- Connection to the home network is not available.
  - Activate the wireless network on your router.

### **Home Connect cannot be implemented correctly.**

- Possible setting errors or a technical fault.
  - Observe the supplied documents and support information for Home Connect.

### **Energy manager does not connect to the energy manager of the home system. \***

- Connection to the energy manager of the home system is not available.
  - Refer to the instructions for use from the energy manager manufacturer for your home system.

### **Refill indicator for salt 6 and/or rinse aid 5 is lit.**

- No rinse aid.
  - Refill rinse aid.
- No salt.
  - Refill with special salt.
- Sensor does not detect salt tablets.
  - Use different special salt.

### **Refill indicator for salt 6 and/or rinse aid 5 is not lit.**

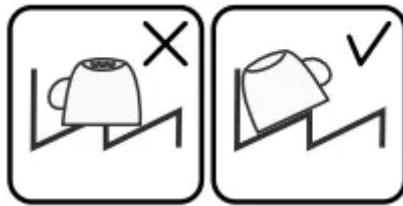
- Refill indicator switched off.
  - Activation/deactivation (see chapter Water softening system/Special salt" → Page 20 or "Rinse aid" → Page 22).
- There is still enough special salt/rinse aid available.
  - Check refill indicator, levels.

### **Water is left in the appliance at the end of the programme.**

- Filter system or area under the filters  29 is blocked.
  - Clean filters and area underneath.
- Programme has not yet finished
  - Wait until programme ends or reset.

### **Utensils not dry.**

- Not enough rinse aid in the dispenser, or none at all.
  - Refill rinse aid.
- Programme without drying was selected.
  - Select programme with drying. → "Overview of programmes" on page 32
- Water collecting in depressions on the utensils and cutlery.
  - Arrange utensils in a sloping position, arrange affected utensils as sloping as possible.



- The combined detergent used has a poor drying performance.
  - Use different combination detergent with better drying performance. Use of rinse aid also improves the drying performance.
- ExtraDry to increase drying not activated.
  - Activate ExtraDry. → "extraDry" on page 37
- Utensils were removed too early or drying process had not ended yet.
  - Wait until the programme ends, or wait until 30 minutes after the end of the programme before removing the utensils.
- The eco rinse aid used has a limited drying performance.
  - Use a proprietary rinse aid. Eco products may have limited effectiveness.

### **Plastic utensils not dry.**

- Special properties of plastic.
  - Plastic has a lower heat storage capacity and therefore dries less well.

### **Cutlery not dry.**

- Cutlery not arranged properly in the cutlery basket.
  - Separate cutlery if possible, prevent contact points.
- Cutlery not arranged properly in the cutlery drawer.
  - Arrange cutlery properly and separate if possible.

### **Appliance interior wet after wash cycle.**

- No appliance fault.
  - On account of the "Condensation drying" principle, water droplets are physically induced and required in the container. The humidity in the air condenses on the inner walls of the dishwasher, drains and is pumped out.

### **Food remnants on the utensils.**

- Utensils placed too closely together, utensils basket overfilled.
  - Arrange utensils with adequate clearance between them ensuring that the spray jets can reach the surface of the utensils. Prevent contact points.
- Spray arm rotation obstructed.
  - Arrange utensils so that the spray arm can rotate without obstruction.
- Spray arm nozzles are blocked.
  - Clean the spray arm nozzles. → "Cleaning and maintenance" on page 41
- Filters **29** dirty.
  - Clean filters. → "Cleaning and maintenance" on page 41
- Filters **29** inserted incorrectly and/or not engaged.
  - Insert and engage filters correctly.
- Wash programme too weak.
  - Select a more intensive wash programme. Increase sensitivity of the sensors. → "Sensor setting" on page 37
- Utensils precleaned too intensely; sensors therefore decide on weak programme sequence. Stubborn soiling cannot be completely removed.
  - Do not prerinse utensils. Remove only large food remnants. Increase sensitivity of the sensors. → "Sensor setting" on page 37. Recommended programme Eco 50° or Intensive.
- Tall narrow receptacles in corner areas are not rinsed adequately.
  - Do not place hollow receptacles too obliquely and do not place in the corner area.
- Top basket **22** on right and left not set to same height.
  - Set top basket to same height using side levers.

## **Detergent residue**

- Detergent dispenser cover **33** blocked by utensils and therefore does not open fully.
  - Utensils must not be placed above the tablet collecting tray **24**. These may block the lid of the detergent dispenser and prevent it from opening fully. → "Upper basket" on page 24 Do not place utensils or fragrance dispenser in the tablet collecting tray.
- Detergent dispenser cover **33** blocked by the tablet.
  - Tablet must be inserted flat and not upright.
- Tablets used in the quick or short programme.
- Dissolving time of the detergent is not reached in the selected short programme.
  - Dissolving time of tablets too long for a quick or short programme.
  - Use a detergent powder or select a more intensive programme.
- Washing effect and dissolving performance are reduced after a prolonged storage time or detergent is very lumpy.
  - Change detergent.

## **Water stains on plastic parts.**

- Droplet formation on plastic surface is physically unavoidable.
- After drying, water stains are visible.
  - Use a more intensive programme (more water changes).
  - Arrange utensils in a sloping position.
  - Use rinse aid.
  - If required, increase softening setting.

## **Washable or water-soluble coatings in the container or on the door.**

- Detergent substances are deposited. These coatings cannot usually be removed with chemicals (appliance cleaner, ...).
  - Change detergent brand.
  - Clean appliance mechanically.
- If there is a "white coating" on the container floor, the water softening system has been set marginally.
  - Increase softening setting and change detergent if required.
- Salt dispenser cover **28** not closed.
  - Close salt dispenser cover correctly.

- Only for glasses: Initial glass corrosion – can only apparently be wiped off.
  - See “Glass and utensil damage”. → "Glass and utensil damage" on page 23

### **White, stubborn coatings; limescale on the utensils, container or door.**

- Detergent substances are deposited. These coatings cannot usually be removed with chemicals (appliance cleaner, ...).
  - Change detergent brand.
  - Clean appliance mechanically.
- Hardness range incorrectly set or water hardness greater than 8.9 mmol/l.
  - Set water softening system according to instructions for use or top up salt.
- 3 in 1 detergent or bio/eco detergent not effective enough.
  - Set water softening system according to instructions for use or use separate detergents (proprietary detergent, salt, rinse aid).
- Underdosing of detergent.
  - Increase detergent dosage or change detergent.
- Too gentle wash programme selected.
  - Select a more intensive wash programme.

### **Tea or lipstick residue on the utensils.**

- Too low rinsing temperature.
  - Select programme with higher washing temperature.
- Too little or unsuitable detergent.
  - Use suitable detergent at correct dosage.
- Utensils precleaned too intensely; sensors therefore decide on weak programme sequence. Stubborn soiling cannot be completely removed.
  - Do not prerinse utensils. Remove only large food remnants.
  - Increase sensitivity of the sensors. → "Sensor setting" on page 37
  - Recommended programme Eco 50°

### **Coloured (blue, yellow, brown), difficult to remove to non-removable coatings in the appliance or on stainless steel utensils.**

- Film formation consisting of ingredients from vegetables (e.g. cabbage, celery, potatoes, noodles, ...) or the tap water (e.g. manganese).
  - Can be partly removed with machine cleaner or by mechanical cleaning. Coatings are harmless.

- Film formation caused by metallic components on silver or aluminium utensils.
  - Can be partly removed with machine cleaner or by mechanical cleaning.

**Coloured (yellow, orange, brown), easily removable deposits inside the appliance (mainly in the floor area).**

- Film formation consisting of ingredients from food remnants and substances from the tap water (limescale), "soapy"
  - Check function of the water softening system (refill with salt) or, if using combined detergents (tablets), activate water softening system. → " Water softening system/special salt" on page 20

**Discolouration of the plastic parts inside the appliance.**

- Plastic parts inside the appliance may become discoloured during the service life of the dishwasher.
  - Discolouration is normal and will not impair the function of the dishwasher.

**Plastic parts discoloured.**

- Too low rinsing temperature.
  - Select programme with higher washing temperature.
- Utensils precleaned too intensely; sensors therefore decide on weak programme sequence. Stubborn soiling cannot be completely removed.
  - Do not prerinse utensils. Remove only large food remnants.
  - Increase sensitivity of the sensors. → "Sensor setting" on page 37
  - Recommended programme Eco 50°

**Removable streaks on glasses, glasses with metallic appearance and cutlery.**

- Too much rinse aid.
  - Set rinse aid amount to lower setting.
- No rinse aid added or setting too low.
  - Add rinse aid and check dosage (recommended setting 4–5).
- Detergent residue in the final rinse. Detergent dispenser cover blocked by utensils (cover does not open fully).
  - Detergent dispenser cover must not be obstructed by utensils. Do not place utensils or fragrance dispenser in the tablet collecting tray.

- Utensils precleaned too intensely; sensors therefore decide on weak programme sequence. Stubborn soiling cannot be completely removed.
  - Do not prerinse utensils. Remove only large food remnants. Increase sensitivity of the sensors. → "Sensor setting" on page 37
  - Recommended programme Eco 50°

#### **Initial or existing, irreversible clouding of glass.**

- Glasses not dishwasher-proof, only suitable for dishwasher.
  - Use dishwasher-proof glasses.
  - Avoid long steam phase (standing time after wash cycle ends).
  - Use wash cycle at lower temperature.
  - Set water softening system according to the water hardness (if required one setting lower).
  - Use detergent with glass protection component.

#### **Rust spots on the cutlery.**

- Cutlery is not sufficiently rust-resistant. Knife blades are frequently more severely affected.
  - Use rust-resistant cutlery.
- Cutlery will also rust if rusting parts are rinsed at the same time pan handles, damaged utensil baskets, etc.).
  - Do not wash rusting parts.
- Salt content in the rinsing water too high, as salt dispenser lock not fastened firmly or salt was spilled while being refilled.
  - Fasten salt dispenser lock firmly or remove spilled salt.

#### **Appliance cannot be switched on or operated.**

- Malfunction.
  - Disconnect appliance from the power supply; pull out the mains plug or switch off the fuse. Wait at least 5 seconds, then connect the appliance to the power supply.

#### **Appliance does not start.**

- The mains fuse has tripped.
  - Check mains fuse.

- Power cord not inserted.
  - Ensure that the power cord is plugged all the way into the back of the appliance and into the socket. Check that the socket functions.
- The appliance door has not been shut properly.
  - Close the door.

**Programme starts automatically.**

- You did not wait until programme ended.
  - Perform reset.

**The door is difficult to open.**

- Child-proof lock is activated.
  - Deactivate childproof lock. → Childproof lock (door lock) on page 9

**Door cannot be closed.**

- Door lock has been activated.
  - Close door with increased force.
- Door cannot be closed due to installation.
  - Check appliance installation: Door or attached parts must close without obstruction.

**Cover on the detergent dispenser cannot be closed.**

- Detergent dispenser or cover guide blocked by sticky detergent residue
  - Remove detergent residue.

**Detergent residue in the detergent dispenser 33 or in the tablet collecting tray 24.**

- Spray arms blocked by utensils, therefore detergent is not rinsed out.
  - Ensure that the spray arms can rotate freely.
- The detergent dispenser was damp when filled.
  - Pour detergent into the dry detergent dispenser only.

**Appliance stops in the programme or programme is interrupted.**

- Door not closed properly.
  - Close the door.

- Do not place utensils or fragrance dispenser in the tablet collecting tray. Top basket presses against the door and prevents door from being closed securely.
  - Check whether rear panel is being pressed in, e.g. by socket or by hose holder which has not been removed.
- Power and/or water supply interrupted.
  - Restore power and/or water supply.

#### **Filling valves making striking noises.**

- Depends on domestic installation, as no appliance fault. No effect on appliance function.
  - No remedial action possible.

#### **Knocking or rattling noise.**

- Spray arm strikes the utensils, utensils not positioned correctly.
  - Position utensils so that the spray arms do not strike the utensils.
- If there is a low load, the water jets strike the washing tank directly.
  - Load the appliance with more utensils or distribute the utensils more evenly in the dishwasher.
- Light utensils move during the wash cycle.
  - Arrange light utensils securely.

#### **Unusual foam formation.**

- Hand washing-up liquid in the rinse aid dispenser.
  - Immediately refill rinse aid dispenser with rinse aid.
- Rinse aid spilled.
  - Remove rinse aid with a cloth.

#### **Warning**

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