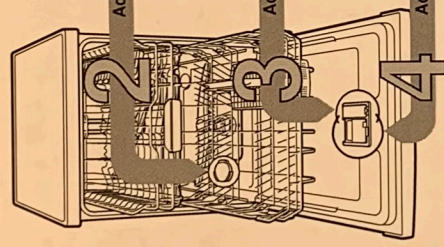


Quick reference guide Dishwasher

[en]

9001517373 (9912) 642 MV

1
 Brief and handy dishwasher needs. Before using for the first time, read the operating instructions!



- 5 Switch on the appliance
- 6 Select a programme
- 7 Switch on the appliance. Here we go ...
- 8 Switch off the appliance. Everything o.k. ...

Adjusting the water softening system *

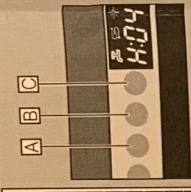
Ask your water supply company what the water hardness is and enter ...

Water hardness range	Hardness (mmol/l)	Factory setting
0-8 soft	0-1.1	H00
9-10 soft	1.2-1.4	H01
11-12 medium	1.5-1.8	H02
13-15 medium	1.9-2.1	H03
16-20 medium	2.2-2.9	H04
21-26 hard	3.0-3.7	H05
27-38 hard	3.8-5.4	H06
39-62 hard	5.5-8.9	H07

* only before the first time the water hardness has been changed

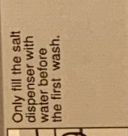
Quickly sorted ...

How to adjust
 - Switch on ON/OFF switch.
 - Hold down programme button A and press START button until H0 ... is indicated on the digital display.
 - Release both buttons.
 - The LED for button A flashes and the factory set value of H04 is indicated on the digital display.
 - Press programme button C.
 - Each time the button is pressed the set value increases by one setting. When the value reaches H07, the display jumps back to H00 (off).
 - Press START button. The chosen setting has now been stored.



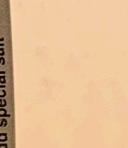
For optimal washing results

Only fill the salt dispenser with water before the first wash.
 Add special salt (never use detergent).
 Close the lid. Rinse immediately.



For optimum drying results

Add rinse aid.
 Close lid. CLICK!

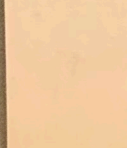


Quick, economical or intensive ...

Overview of programmes
 This overview describes all the possible programmes. You can see which programmes your appliance offers from its control panel. The values given in the programme details are laboratory measurements compliant with European standard EN 60436. The consumption figures depend on the selected programme and additional functions. The programme duration will be different if the machine is short of rinse additive or the function is turned off.
 • half normal load
 ** Suitable programme for running at night: it takes longer, but is extremely quiet.

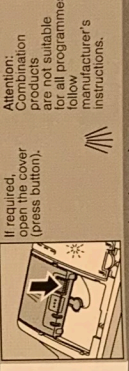
Chef 70°	Auto 45°/65°	Eco 50°	Silence ** 50°	Glass 40°	Quick 65°	Quick 45°	Pre Rinse	Machine Care
2:20 - 2:30	1:35 - 2:40	3:30	3:55 - 4:00	1:25 - 1:30	1:00	0:29*	0:15	1:30
1:500 - 1:550	0:950 - 1:550	0:923 - 0:937	1:050 - 1:100	0:950 - 0:900	1:300	0:800	0:050	0:900 - 1:060
12 - 15	9 - 19	9.5	10	11 - 14	10	10	4	9.5 - 12.5

Attention: Combination products are not suitable for all programmes, for all manufacturers' instructions.



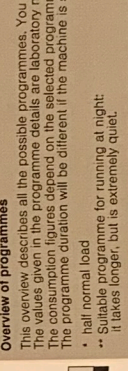
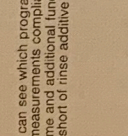
Quick, economical or intensive ...

A lot of dirt, a lot of detergent ...
 If you lifted, open the cover (press button).
 Pour detergent into the dry detergent dispenser only.
 Slide cover shut, press. PLOP!



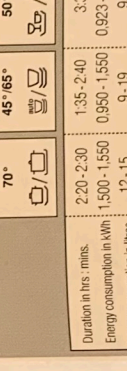
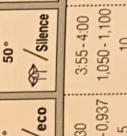
Quick, economical or intensive ...

Get it sparkling clean ...
 Press marking 1.
 Press marking 1.



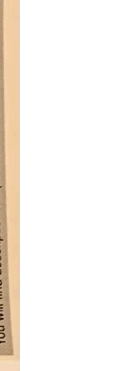
Quick, economical or intensive ...

Open the lid.
 Dissolves limescale (not necessary when set to 0) ...



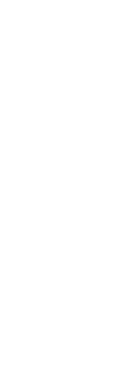
Quick, economical or intensive ...

Gets it sparkling clean ...
 Press marking 1.
 Press marking 1.



Quick, economical or intensive ...

Switch on the appliance.
 Switch on the appliance. Here we go ...



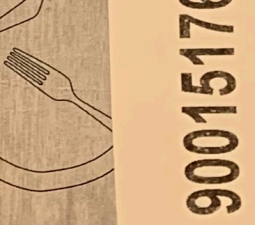
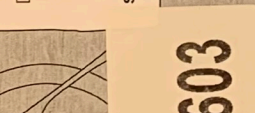
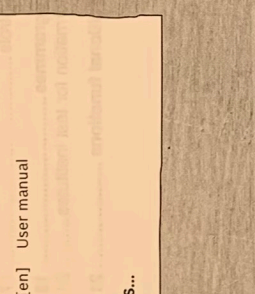
Switch off the appliance. Everything o.k. ...



9001517373 (9912) 642 MV

[en] User manual

S...

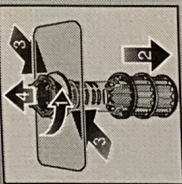


9001517603

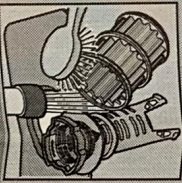


Maintenance and care

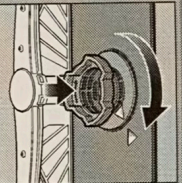
Filters
... check,
if required,
clean.



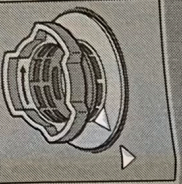
Rotate
filter cylinder,
remove filter
system ...



rinse
under
running
water ...



insert ...

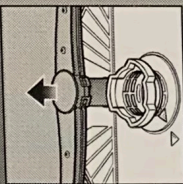


Screw on
filter system
NOTE
MARK!

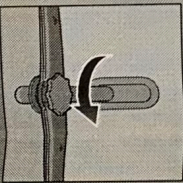
Cleaning waste water pump

- Pull out the mains plug.
- Remove filters and scoop out water.
- Lever off cover (A).
- Check area around the fan impeller for foreign objects.
- Click cover shut (B).
- Insert filters.

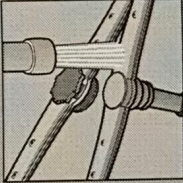
Spray arms
... check,
if required,
remove
blockages/
deposits.



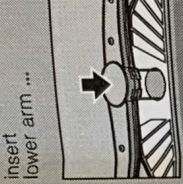
pull lower arm
upwards ...



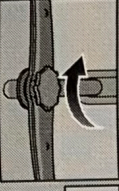
unscrew
upper arm ...



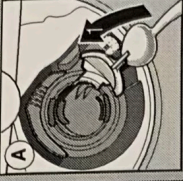
clean spray nozzles
under running water
(if required
use toothpicks) ...



insert
lower arm ...



screw on upper
arm lightly



CLICK



CLICK

More information can be found in the operating instructions

Rectifying minor faults yourself ...

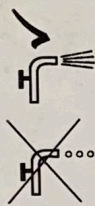
... as it is worth doing it yourself!

Fault

Possible causes

Display "E:18"/"E:1" is lit *

Supply fitting jammed or calcified



Display "E:22"

Filters are soiled or blocked

Display "E:24" and "E:1" are lit *

Waste water hose is blocked or kinked
Cover not attached to waste water pump

Display "E:25" and "E:1" are lit *

Waste water pump blocked

Other fault display "E:XX" is lit

Appliance has technical defect

Residual water in the appliance

The programme has not yet ended

Rust on the cutlery

Cutlery not rust-resistant
Hard knife blades are more susceptible
Extraneous rust

Remedial action

Open supply fitting.

1. Unscrew water connection.
 2. Clean filter in the water connection.
 3. Flow rate must be min. 10 l/min., when water supply is open. If the flow rate is less, replace the supply fitting.
- Install supply hose without kinks.

Clean the filters (see above).

Install waste water hose without kinks.

Attach cover (see above).

Clean waste-water pump (see above).

Call factory customer service (state fault display).

Unplug appliance.

Switch on and close the appliance or terminate the programme (see terminating the programme).

Use dishwasher-proof cutlery.

Never wash rusting parts in the appliance.

Fault

Utensils are not clean

Sand or gritty residue on the utensils



Stains and streaks

Rinse aid dosage too high/
too low

Rinse aid

The combined detergent used has a poor drying performance
Appliance setting

Water softening system incorrectly set

No salt

Milky deposits, glasses cloudy/tarnished (cannot be removed)

Glasses not dishwasher-proof

Plastic/utensils discoloured

Too little detergent

Discoloration caused by food colourings (tomato sauce)

Possible causes

Utensils are situated close together or one above the other

Too little detergent

Unsuitable programme selected

Spray arm nozzles blocked

Filters dirty, not seated firmly

Spray arms blocked

Remedial action

Separate the utensils, prevent contact points.

Follow manufacturer's instructions (detergent).

Select a more intensive programme.

Clean the spray arms (see above).

Clean the filters (see above).

Arrange the utensils so that the spray arms can rotate freely.

Sreaks: reduce dosage.

Water or limescale stains: increase dosage.

Increase dosage.

Change the product.

Use rinse aid.

Activate intensive drying (depending on model).

Correctly set water softening system.

Refill with special salt.

Use dishwasher-proof glasses.

Use a detergent suitable for glasses.

Follow manufacturer's instructions (detergent).

Discoloration is harmless; subsequent rinse cycles will cause it to fade.

* depending on model

Terminating the programme ...

While the programme is running, press the START button for approx. 1 minute after the programme ends, for approx. 3 sec. (Reset).



The numerical display indicates "0:01", approx. 1 minute after the programme ends, "0:00" is indicated.



Switch off the appliance.

Loading the dishwasher correctly ...

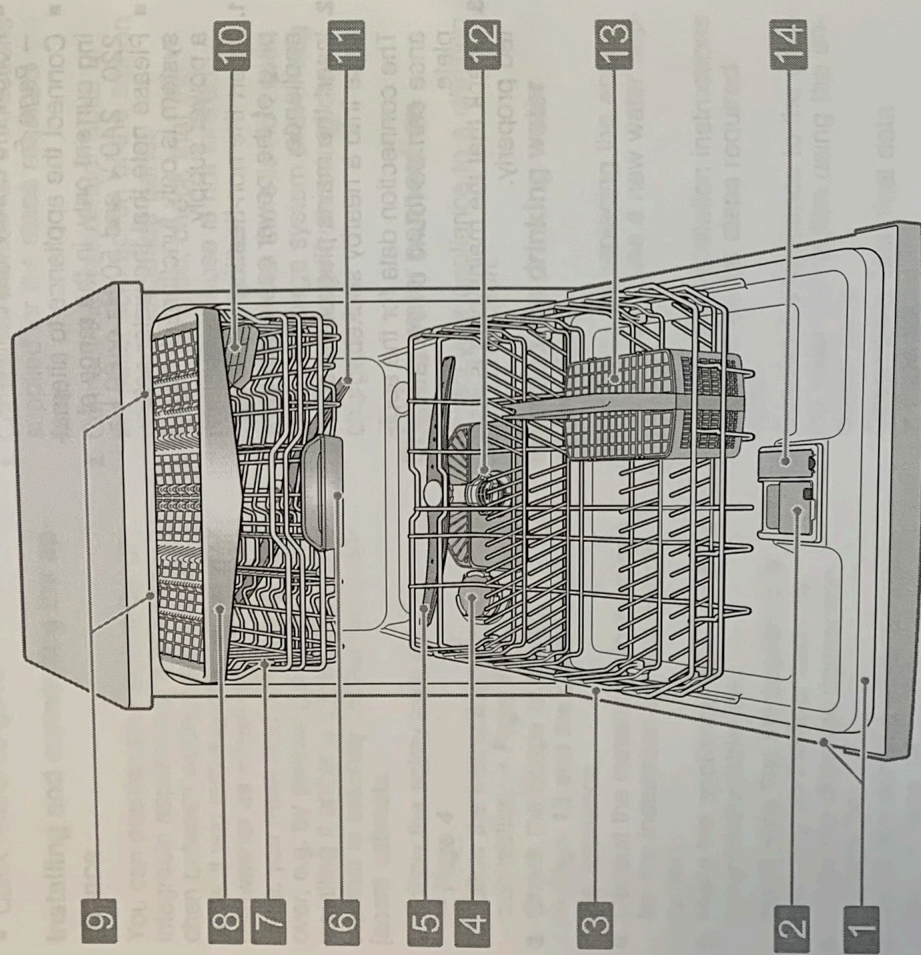
Dishwasher-proof utensils (not soiled with ash, wax, lubricating grease, ink or adhesive labels; remove large remnants of jam, milk products and food according to the operating instructions and check that the spray arms can rotate freely).

Familiarising yourself with your appliance

Familiarise yourself with the parts of your appliance.

Appliance

You can find an overview of the parts of your appliance here.



1 Rating plate

Rating plate with E number and FD number
→ Page 59.

The data you need for Customer Service → Page 58.

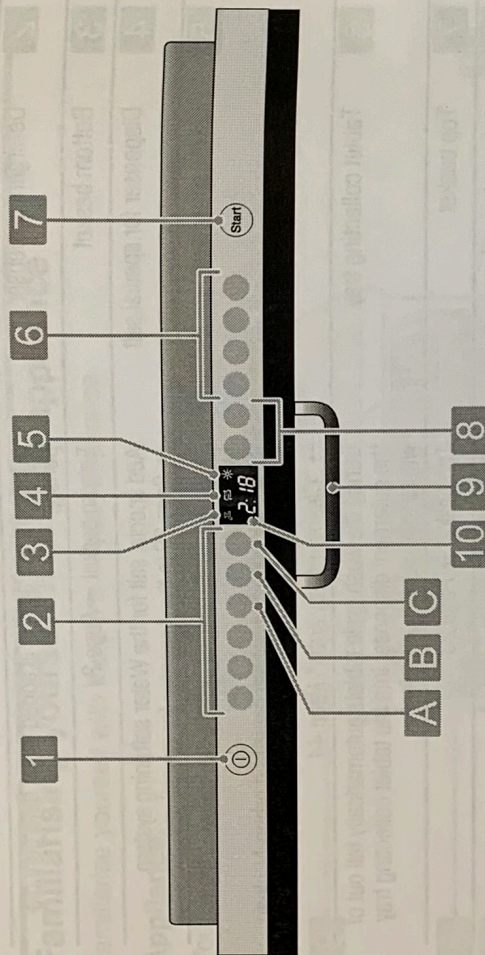
¹ Depending on the appliance specifications

2	Detergent dispenser	Detergent → Page 32 is added to the detergent dispenser.
3	Bottom basket	Bottom basket → Page 24
4	Dispenser for special salt	Add special salt for the Water softening system → Page 29 to the dispenser for special salt.
5	Lower spray arm	The lower spray arm washes the tableware in the bottom basket. If the tableware has not been washed properly, clean the spray arms. → "Cleaning spray arms", Page 44
6	Tablet collecting tray	During the wash cycle tablets automatically fall out of the detergent dispenser into the tablet collecting tray where they can fully dissolve.
7	Top basket	Top basket → Page 23
8	Cutlery drawer ¹	Cutlery drawer → Page 24
9	EmotionLight ¹	Interior lighting of the appliance. → "Overview of basic settings", Page 40
10	Etagere	Etagere → Page 25
11	Upper spray arm	The upper spray arm washes the tableware in the top basket. If the tableware has not been washed properly, clean the spray arms. → "Cleaning spray arms", Page 44
12	Filter system	Filter system → Page 43
13	Cutlery basket ¹	Cutlery basket → Page 24
14	Dispenser for rinse aid	Add rinse aid for the Rinse aid system → Page 31 to the dispenser for rinse aid.

¹ Depending on the appliance specifications

Controls

The controls are used to configure all functions of your appliance and to obtain information about the operating status.
With some buttons you can perform different functions.





- 1 ON/OFF button ① Switching on the appliance → Page 37
Switching off the appliance → Page 38
- 2 Programme buttons Programmes → Page 19
- 3 Water supply display Display for water supply lights up → Page 46
- 4 Special salt refill indicator Water softening system → Page 29
- 5 Rinse aid refill indicator Rinse aid system → Page 31
- 6 Programme buttons and additional functions Programmes → Page 19
Additional functions → Page 21
- 7 Start button **Start** and reset button **Reset 3 sec.** Starting the programme → Page 38
Terminating the programme → Page 38
- 8 Timer programming Setting timer programming → Page 38
- 9 Door opener¹ Opening the appliance door → Page 37
- 10 Display The display shows information about the remaining running time or the basic settings. You can change the basic settings via the display and the setting buttons.
→ "Changing basic settings", Page 41





¹ Depending on the appliance specifications




Programmes

You can find an overview of the programmes that can be selected here. Different programmes, which can be found on the control panel of your appliance, are available depending on the appliance configuration. The running time may vary depending on the programme selected. The running time depends on the water temperature, the quantity of tableware, the level of soiling and the Additional function → Page 21 selected.

The running time will change if the rinse aid system is switched off or rinse aid needs to be added. The consumption values can be found in the quick reference guide. The consumption values relate to normal conditions and a water hardness of 16 - 20 °dH. Different influencing factors such as water temperature or pipe pressure may result in deviations.

Programme	Use	Programme sequence	Additional functions
 Chef 70	Tableware: <ul style="list-style-type: none"> ■ Washing pots and pans, non-fragile tableware and cutlery. Level of soiling: <ul style="list-style-type: none"> ■ Removing stubborn burned or dried-on food remnants containing starch and protein. When using powder detergent, you can also apply a little to the inside of the appliance door.	Intensive: All ■ PreRinse → "Additional functions", Page 21 ■ Cleaning 70 °C ■ Intermediate rinse ■ Rinsing 72 °C ■ Drying	
 Auto 45-65°	Tableware: <ul style="list-style-type: none"> ■ Cleaning mixed tableware and cutlery. Level of soiling: <ul style="list-style-type: none"> ■ Removing common household food remnants lightly dried on. 	Sensor-controlled: All ■ Optimised by sensors depending on the soiling of the washing water.	→ "Additional functions", Page 21

Programme	Use	Programme sequence	Additional functions
eco  Eco 50°	<p>Tableware:</p> <ul style="list-style-type: none"> Cleaning mixed tableware and cutlery. <p>Level of soiling:</p> <ul style="list-style-type: none"> Removing common household food remnants lightly dried-on. 	<p>Most economical programme:</p> <ul style="list-style-type: none"> Pre-Rinse Cleaning 50 °C Intermediate rinse Rinsing 66 °C Drying 	<p>All</p> <p>→ "Additional functions", Page 21</p>
 Silence Silence 50	<p>Tableware:</p> <ul style="list-style-type: none"> Cleaning mixed tableware and cutlery. <p>Level of soiling:</p> <ul style="list-style-type: none"> Removing common household food remnants lightly dried-on. 	<p>Reduced noise:</p> <ul style="list-style-type: none"> PreRinse Cleaning 50 °C Intermediate rinse Rinsing 65 °C Drying 	<p>IntensiveZone</p> <p>Half Load</p> <p>HygienePlus</p> <p>ExtraDry</p> <p>Shine & Dry</p> <p>→ "Additional functions", Page 21</p>
 Glass 40°	<p>Tableware:</p> <ul style="list-style-type: none"> Cleaning delicate tableware, cutlery, temperature-sensitive plastics, glasses and stemware in the stemware basket. <p>Level of soiling:</p> <ul style="list-style-type: none"> Removing lightly adhering fresh food remnants. 	<p>Particularly gentle:</p> <ul style="list-style-type: none"> PreRinse Cleaning 40 °C Intermediate rinse Rinsing 60 °C Drying 	<p>IntensiveZone</p> <p>VarioSpeedPlus</p> <p>Half Load</p> <p>ExtraDry</p> <p>Shine & Dry</p> <p>→ "Additional functions", Page 21</p>
 Quick 65°	<p>Tableware:</p> <ul style="list-style-type: none"> Cleaning mixed tableware and cutlery. <p>Level of soiling:</p> <ul style="list-style-type: none"> Removing common household food remnants lightly dried-on. 	<p>Time-optimised:</p> <ul style="list-style-type: none"> Cleaning 65 °C Intermediate rinse Rinsing 70 °C Drying 	<p>ExtraDry</p> <p>Shine & Dry</p> <p>→ "Additional functions", Page 21</p>

Programme	Use	Programme sequence	Additional functions
1h 1 hr Programme	<p>Tableware:</p> <ul style="list-style-type: none"> Cleaning mixed tableware and cutlery. <p>Level of soiling:</p> <ul style="list-style-type: none"> Removing common household food remnants lightly dried-on. 	<p>Time-optimised:</p> <ul style="list-style-type: none"> Cleaning 65 °C Intermediate rinse Rinsing 70 °C Drying 	<p>ExtraDry</p> <p>Shine & Dry</p> <p>→ "Additional functions", Page 21</p>
 Quick 45°	<p>Tableware:</p> <ul style="list-style-type: none"> Cleaning delicate tableware, cutlery, temperature-sensitive plastics and glasses. <p>Level of soiling:</p> <ul style="list-style-type: none"> Removing lightly adhering fresh food remnants. 	<p>Time-optimised:</p> <ul style="list-style-type: none"> Cleaning 45 °C Intermediate rinse Rinsing 55 °C 	<p>ExtraDry</p> <p>Shine & Dry</p> <p>→ "Additional functions", Page 21</p>
 PreRinse	<p>Tableware:</p> <ul style="list-style-type: none"> Cleaning all types of tableware. <p>Level of soiling:</p> <ul style="list-style-type: none"> Cold rinsing, intermediate cleaning. 	<p>Cold rinse suitable:</p> <ul style="list-style-type: none"> Pre-Rinse 	<p>None</p>
 Easy Clean		<p>Machine Care 70 °C</p>	<p>None</p>

Information for test institutes

Test institutes are provided with information for comparability tests, e.g. according to EN60436. These are the conditions for conducting the tests, however they are not the results or consumption values. E-mail enquiries to: dishwasher@test-appliances.com

The product number (E-Nr.) and the production number (FD) are required here. They can be found on the rating plate on the appliance door.

Additional functions

You can find an overview of the additional functions that can be selected here. Different additional functions, which can be found on the control

panel of your appliance, are available depending on the appliance configuration.

**Additional func-
tion**

- The running time is shortened by 20% to 66% depending on the washing programme.
- Energy and water consumption are increased.



Half Load

- Switch on with small loads.
- It is recommended adding less detergent to the detergent dispenser than for a full machine load.
- The running time is shortened.
- Energy and water consumption are reduced.



HygienePlus

- To ensure a higher hygiene status for the appliance and tableware, the temperature is raised and maintained for an extra-lengthy period.
- Especially suitable for cleaning chopping boards or baby bottles.
- Continuous use of this function increases the hygiene status.
- This will increase the running time and energy consumption.

**Additional func-
tion**



IntensiveZone

- Switch on with mixed loads containing tableware with different soiling levels, e.g. place very soiled pots and pans in the bottom basket and normally soiled tableware in the top basket.
- The spray pressure in the bottom basket is increased and the maximum programme temperature held longer. This will increase the running time and energy consumption.



ExtraDry

- For a better drying result the final rinse temperature is increased and the drying phase extended.
- Especially suitable for drying plastic parts.
- There is a slight increase in energy consumption and the running time is extended.



Shine & Dry

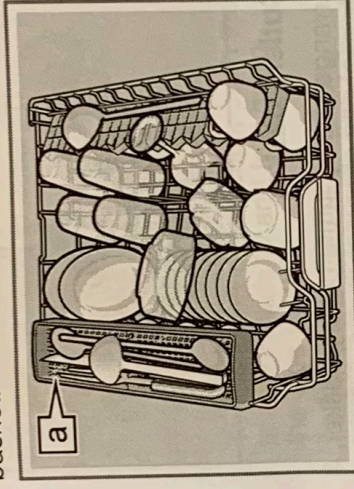
- To avoid marks and improve drying, the quantity of water is increased and the drying phase extended.
- Energy consumption increases.
- Use rinse aid.


Features

You can find an overview of the possible features of your appliance and how to use them here. These features depend on the model of your appliance.

Top basket

Arrange cups and glasses in the top basket.



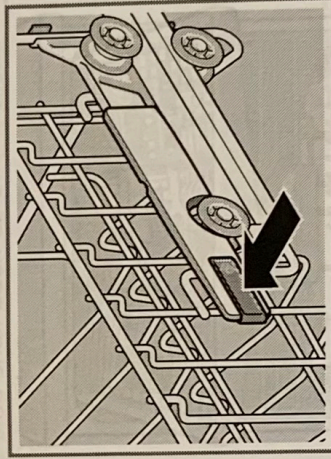
Knife shelf 

You can adjust the height of the top basket to make room for larger items of tableware.

Adjusting top basket with side levers

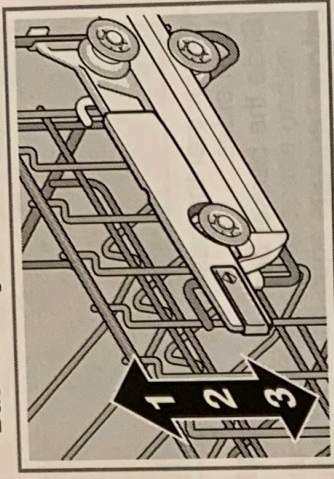
To wash large items of tableware in the baskets, adjust the shelf position of the top basket.

1. Pull out the top basket.
2. To prevent the basket from suddenly dropping down, hold the side of the basket by the top edge.
3. Press in the levers on the right and left on the outside of the basket.



The basket can then slip down slightly.

4. Raise or lower the basket evenly to the right level.
→ "Basket heights", Page 27



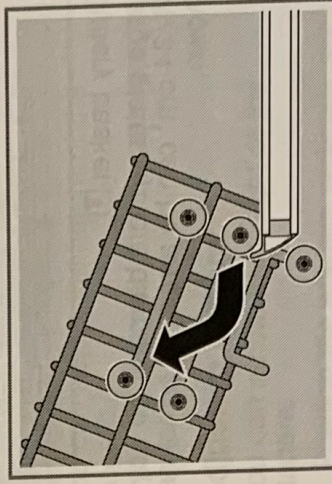
Check that the basket is level on both sides.

5. Slide the basket back in.

Adjusting top basket with pairs of rollers

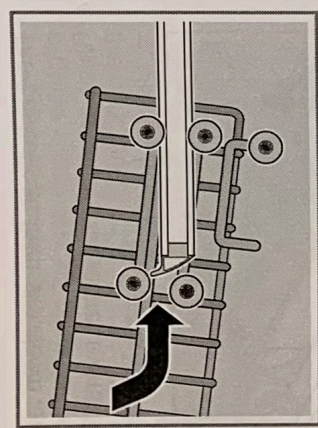
To wash large items of tableware in the baskets, adjust the shelf position of the top basket.

1. Pull out the top basket.
2. Remove the basket.



3. Insert the basket at the right basket height.
→ "Basket heights", Page 27

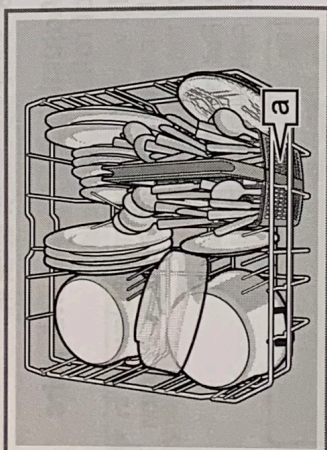
1 Depending on the appliance specifications



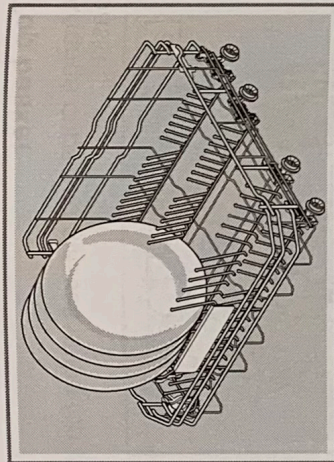
Check that the basket is level on both sides.
4. Slide the basket back in.

Bottom basket

Arrange pans and plates in the bottom basket.

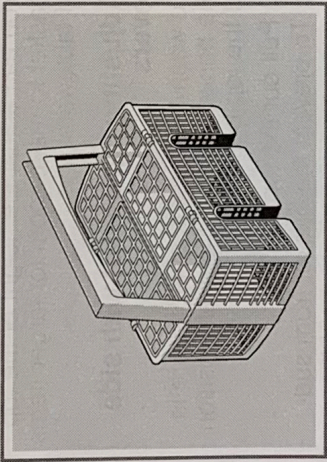


Cutlery basket **a**¹
Large plates up to a diameter of 31/34 cm¹ can be arranged as shown.



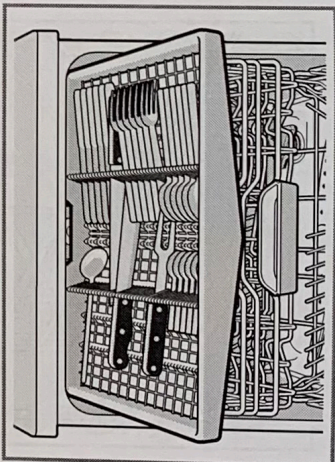
Cutlery basket

Arrange cutlery in the cutlery basket, always without sorting it and with the sharp points downwards.



Cutlery drawer

Arrange cutlery in the cutlery drawer.

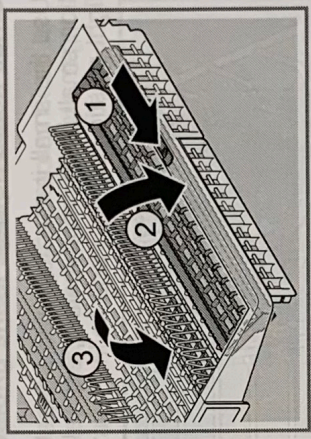


Arrange cutlery with the points and sharp edges downwards. You can reorganise the cutlery drawer to make more space for longer/wider items of cutlery.¹

Reorganising cutlery drawer¹

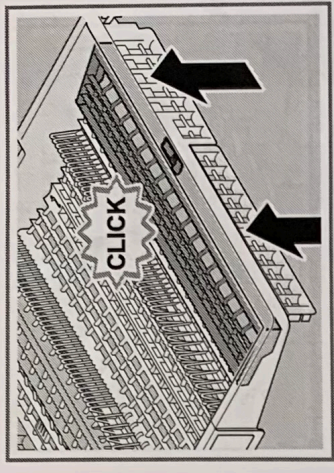
You can fold down the side shelves and front prongs to make more space for longer/wider items of cutlery.

1. To fold down a side shelf, push the lever forwards ① and fold down the side shelf ②.
2. To fold down the front prongs, push the lever forwards and fold down the prongs ③.



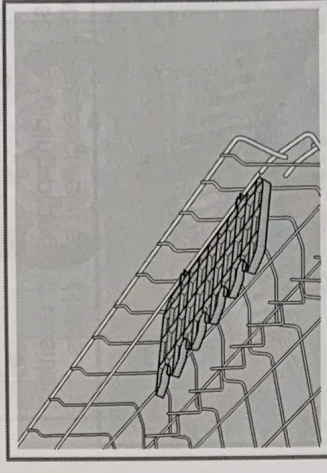
Tip

If you want to return the cutlery drawer to the original position, fold the side shelf back up until it clicks into position.



Etagere

Use the etagere and space underneath for small cups and glasses or for large items of cutlery, e.g. wooden spoons or serving cutlery.



You can adjust the height of the etagere.¹ If you do not need the etagere, you can fold it up.

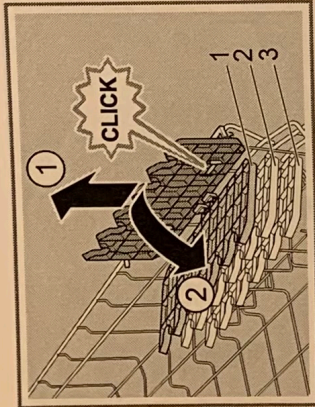
Adjusting etagere¹

You can adjust the height of the etagere.

1. Position the etagere vertically and pull it upwards ①.

¹ Depending on the appliance specifications

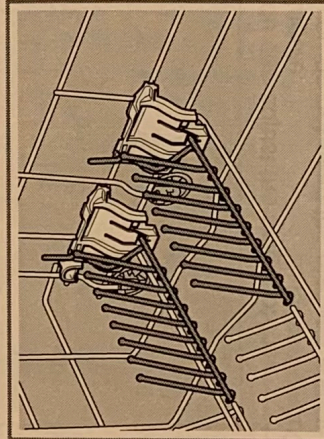
¹ Depending on the appliance specifications



- 2 Position the etagere at a slight angle and move to the right height ②.
- 3 Push the etagere down.
 - ✓ The etagere clicks into position.

Folding prongs

Use the folding prongs to position tableware securely, e.g. plates.

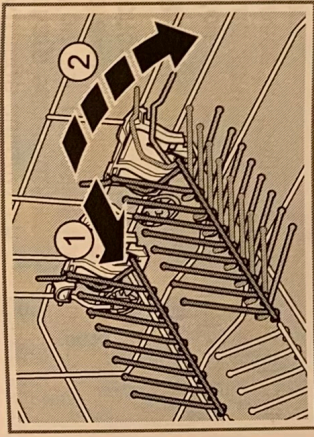


You can fold the prongs down to position pans, bowls and glasses better.¹

Folding down prongs¹

If you do not need the prongs, fold them down.

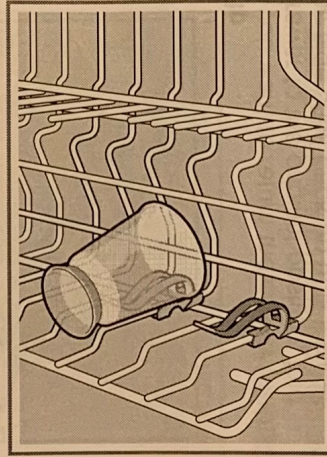
- 1 Push the lever forwards ① and fold down the prongs ②.



- 2 To use the folding prongs again, fold them back up.
 - ✓ The folding prongs click in position.

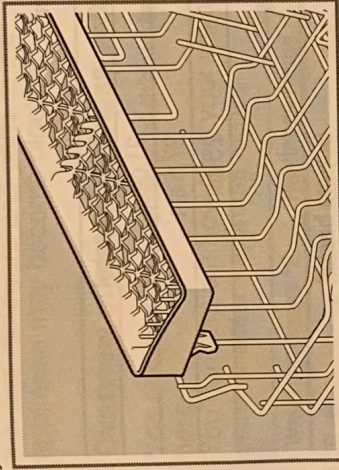
Small items holder

Use the small items holder to position small items of tableware, e.g. light plastic parts.



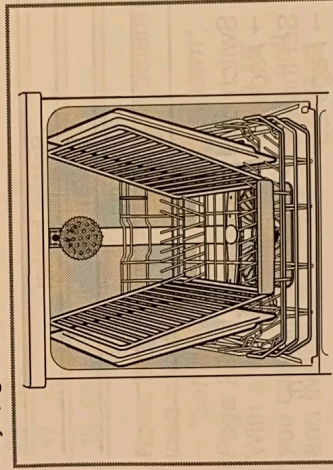
Knife shelf

Use the knife shelf for long, sharp objects and long items of cutlery.



Baking sheet spray head

Use the baking sheet spray head to clean large items of tableware, e.g. trays, grilles and plates.



Arrange max. 2 baking sheets and 2 grilles as shown to ensure that the spray jet can reach all parts.

Basket heights

Set the baskets at the right height.

Appliance height 81.5 cm with cutlery basket

Level	Top basket	Bottom basket
1 max. ø	22 cm	31 cm

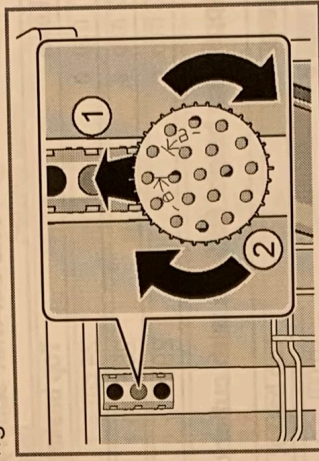
¹ Depending on the appliance specifications

Note: Check that the appliance is always operated with the top basket or the baking sheet spray head.

Inserting baking sheet spray head

Use the baking sheet spray head instead of the top basket to clean large trays, grilles and plates.

1. Remove top basket.
- 2 Insert the baking sheet spray head in the holder ① and turn to the right ②.



- ✓ The baking sheet spray head clicks into position.

Removing baking sheet spray head

If you no longer require the baking sheet spray head, remove it from the appliance.

1. Turn the baking sheet spray head anticlockwise and remove from the holder.
- 2 Insert the top basket in the appliance.

Basic settings

You can configure the appliance to meet your needs.

Overview of basic settings

The basic settings depend on the features of your appliance.

Basic setting	Display text	Selection	Description
Water hardness	H:04 ¹	H:00 - H:07	Set the water softening system to your water hardness. → "Setting water softening system", Page 29 Level H:00 switches the water softening system off.
Rinse aid dispensing	r:05 ¹	r:00 - r:06	Set the amount of rinse aid to be dispensed. → "Setting the amount of rinse aid", Page 32 Switch the rinse aid system off with level r:00.
Intensive drying	d:00 ¹	d:00 - d:01	The temperature is increased during the final rinse, which improves the drying result. This may increase the running time slightly. Note: Not suitable for delicate items of tableware. Switch intensive drying on "d:01" or off "d:00".
Hot water	A:00 ¹	A:00 - A:01	Set cold water or hot water connection. Only set the appliance to hot water if this can be prepared with little energy and a suitable installation is available, e.g. solar heating system with circulation line. The water temperature should be at least 40 °C and max. 60 °C. Switch hot water on "A:01" or off "A:00".

¹ Factory setting (may vary according to model)

Basic setting

Basic setting	Display text	Selection	Description
TimeLight	S:01 ¹	S:00 - S:02	Switch TimeLight on or off. While the programme is running, status information is projected onto the floor below the appliance door relating to timer programming, the programme or the time remaining. If the base panel is pulled forwards or if the appliance is installed at eye level with the cabinet front fitted flush, the display is not visible. Level "S:00" switches TimeLight off.
InfoLight	l:01 ¹	l:00 - l:01	Switch InfoLight on or off. While the programme is running, a spot of light is projected onto the floor below the appliance door. This light will not be visible if the appliance is installed at eye level with the cabinet front fitted flush. If the appliance door is not completely closed, the spot of light will flash. The programme has ended when the spot of light is no longer visible on the floor. Level "l:00" switches InfoLight off.
Tone volume	b:02 ¹	b:00 - b:03	Adjustment of tone volume. End of programme indicated by an audible signal tone. Level "b:00" switches the signal tone off.

¹ Factory setting (may vary according to model)

Changing basic settings

- Open the appliance door.
- Press **⓪**.
- Hold programme button A and press Start repeatedly until the display shows H:xx.
- Release programme button A and Start.
- Programme button A flashes and the display shows H:04.
- Press programme button A repeatedly until the display shows the required setting.
- Press programme button C repeatedly until the display shows the right value.
You can change several settings.
- Press Start to save the setting.
- Close the appliance door.

Basic settings

You can configure the appliance to meet your needs.

Overview of basic settings

The basic settings depend on the features of your appliance.

Basic setting	Display text	Selection	Description
Water hardness	H:04 ¹	H:00 - H:07	Set the water softening system to your water hardness. → "Setting water softening system", Page 29 Level H:00 switches the water softening system off.
Rinse aid dispensing	r:05 ¹	r:00 - r:06	Set the amount of rinse aid to be dispensed. → "Setting the amount of rinse aid", Page 32 Switch the rinse aid system off with level r:00.
Intensive drying	d:00 ¹	d:00 - d:01	The temperature is increased during the final rinse, which improves the drying result. This may increase the running time slightly. Note: Not suitable for delicate items of tableware. Switch intensive drying on "d:01" or off "d:00".
Hot water	A:00 ¹	A:00 - A:01	Set cold water or hot water connection. Only set the appliance to hot water if this can be prepared with little energy and a suitable installation is available, e.g. solar heating system with circulation line. The water temperature should be at least 40 °C and max. 60 °C. Switch hot water on "A:01" or off "A:00".

¹ Factory setting (may vary according to model)

Basic setting

Basic setting	Display text	Selection	Description
TimeLight	S:01 ¹	S:00 - S:02	Switch TimeLight on or off. While the programme is running, status information is projected onto the floor below the appliance door relating to timer programming, the programme or the time remaining. If the base panel is pulled forwards or if the appliance is installed at eye level with the cabinet front fitted flush, the display is not visible. Level "S:00" switches TimeLight off.
InfoLight	l:01 ¹	l:00 - l:01	Switch InfoLight on or off. While the programme is running, a spot of light is projected onto the floor below the appliance door. This light will not be visible if the appliance is installed at eye level with the cabinet front fitted flush. If the appliance door is not completely closed, the spot of light will flash. The programme has ended when the spot of light is no longer visible on the floor. Level "l:00" switches InfoLight off.
Tone volume	b:02 ¹	b:00 - b:03	Adjustment of tone volume. End of programme indicated by an audible signal tone. Level "b:00" switches the signal tone off.

¹ Factory setting (may vary according to model)

Changing basic settings

- Open the appliance door.
- Press **⓪**.
- Hold programme button A and press Start repeatedly until the display shows H:xx.
- Release programme button A and Start.
- Programme button A flashes and the display shows H:04.
- Press programme button A repeatedly until the display shows the required setting.
- Press programme button C repeatedly until the display shows the right value.
You can change several settings.
- Press Start to save the setting.
- Close the appliance door.

Troubleshooting

You can rectify minor faults on your appliance yourself. Read the troubleshooting information before contacting Customer Service. This will avoid unnecessary costs.

WARNING

Risk of electric shock!

Improper repairs are dangerous.

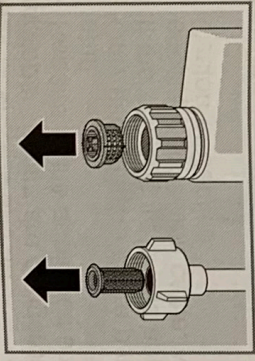
- ▶ Repairs to the appliance should only be carried out by trained specialist staff.
- ▶ Only use genuine spare parts when repairing the appliance.
- ▶ If the power cord of this appliance is damaged, it must be replaced with a special connection cable, which is available from the manufacturer or his Customer Service.

Appliance safety

Fault	Cause	troubleshooting
Appliance door will not open or cannot be opened easily.	Childproof lock is activated.	▶ Open the appliance door. → Page 37

Error code / Fault display / Signal

Fault	Cause	troubleshooting
E:12 lights up.	Heating element is furred up.	1. Descale the appliance. 2. Operate the appliance with the Water softening system.
E:14 lights up.	Water protection system is activated.	1. Turn off the water tap. 2. Call Customer Service → Page 58.
E:15 lights up.	Water protection system is activated.	1. Turn off the water tap. 2. Call Customer Service → Page 58.
E:16 lights up.	Water is continuously running into the appliance.	1. Turn off the water tap. 2. Call Customer Service → Page 58.
E:18 or indicator for water supply lights up.	Supply hose is kinked.	▶ Install the supply hose without kinks.
	Water tap is turned off.	▶ Turn on the water tap.
	Water tap is jammed or furred up.	▶ Turn on the water tap. The flow rate must be at least 10 l/min when the water supply is open.

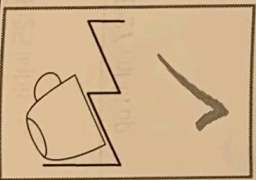
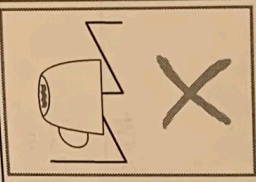
Fault	Cause	troubleshooting
E:18 or indicator for water supply lights up.	Filter in the water supply is blocked.	<ol style="list-style-type: none"> 1. Switch off the appliance. 2. Pull out the mains plug. 3. Turn off the water tap. 4. Unscrew the water connection. 5. Remove the filter from the supply hose
		
E:22 lights up. ¹	Filters are soiled or blocked.	<ul style="list-style-type: none"> ▶ Clean the filters. → "Cleaning filters", Page 43
E:24 lights up.	Wastewater hose is blocked or kinked.	<ol style="list-style-type: none"> 1. Reposition the wastewater hose without kinks. 2. Remove residues.
E:25 lights up.	Siphon connection is still sealed.	<ul style="list-style-type: none"> ▶ Check the connection to the siphon and open if necessary.
E:25 lights up.	Cover of the wastewater pump is loose.	<ul style="list-style-type: none"> ▶ Secure the cover of the Wastewater pump → Page 57 so it clicks into position.
E:25 lights up.	Wastewater pump is blocked.	<ul style="list-style-type: none"> ▶ Clean the wastewater pump. → "Clean wastewater pump", Page 57

¹ Depending on the appliance specifications

Fault	Cause	troubleshooting
E:25 lights up.	Cover of the wastewater pump is loose	<ul style="list-style-type: none"> ▶ Secure the cover of the Wastewater pump → Page 57 so it clicks into position.
E:27 lights up.	Mains voltage is too low.	<p>This is not a fault on the appliance.</p> <ol style="list-style-type: none"> 1. Contact an electrician. 2. Have the mains voltage and electrical installation checked by an electrician.
Another error code appears on the display. E:01 to E:30	A technical fault is present.	<ol style="list-style-type: none"> 1. Press ⏻. 2. Unplug the appliance or switch off the fuse. 3. Wait at least 2 minutes. 4. Insert the mains plug of the appliance in a socket or switch on the fuse. 5. Switch the appliance on. 6. If the problem occurs again: <ul style="list-style-type: none"> - Press ⏻. - Turn off the water tap. - Pull out the mains plug. - Contact Customer Service → Page 58 and give the error code.

Washing results

Fault	Cause	troubleshooting
Tableware is not dry.	No rinse aid used or dosage set too low.	<ol style="list-style-type: none"> 1. Add Rinse aid → Page 37. 2. Set the amount of rinse aid to be dispensed.
	Selected programme has no drying phase	<ul style="list-style-type: none"> ▶ Select a programme with drying.
	Water collects in recesses of the tableware or cutlery.	<ul style="list-style-type: none"> ▶ Position tableware at an angle where possible.

en Troubleshooting	troubleshooting
Fault	Cause
<p>Tableware is not dry.</p>	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px; text-align: center;">  </div> <div style="border: 1px solid black; padding: 5px; text-align: center;">  </div> </div> <ol style="list-style-type: none"> 1. Use rinse aid to improve drying performance. 2. Use a different combined detergent with a better drying performance. <ul style="list-style-type: none"> ▶ Activate Extra Dry. <p>Tableware removed too early or drying process not yet ended.</p> <ul style="list-style-type: none"> ▶ Wait until the programme ends. ▶ Only remove tableware 30 minutes after the programme has ended. <p>Rinse aid used has a limited drying performance.</p> <ul style="list-style-type: none"> ▶ Use a name-brand rinse aid. <p>Eco products may have limited effectiveness.</p> <ul style="list-style-type: none"> ▶ No remedial action possible.
<p>Plastic tableware is not dry.</p>	<p>Not a fault. As plastic does not store heat so well, it also does not dry as well.</p>
<p>Cutlery is not dry.</p>	<ol style="list-style-type: none"> 1. Arrange the cutlery properly. → "Arrange tableware", Page 36 2. Arrange cutlery individually where possible. 3. Avoid points of contact. <p>No action required.</p>
<p>Appliance interior still wet after wash cycle.</p>	<p>Not a fault. The condensation drying principle causes water droplets in the tub – they are indeed desirable here. The moisture in the air condenses on the inside walls, runs off and is pumped out.</p>
<p>Remnants of food on tableware.</p>	<ol style="list-style-type: none"> 1. Arrange tableware with sufficient space in between. The spray jets must reach the surfaces of the tableware. 2. Avoid points of contact.

Fault

Remnants of food on tableware.

Cause

Basket is overfilled.

troubleshooting

1. Arrange tableware with sufficient space in between. The spray jets must reach the surfaces of the tableware.
2. Avoid points of contact.

Spray arm rotation is blocked.

- ▶ Arrange tableware so that it does not obstruct spray arm rotation.

Spray arm nozzles are blocked.

- ▶ Clean the Spray arms → Page 44.

Filters are soiled.

- ▶ Clean the filters. → "Cleaning filters", Page 43

Filters are inserted incorrectly and/or not engaged.

1. Insert the filters properly. → "Filter system", Page 43
2. Engage the filters.

Washing programme selected too weak.

- ▶ Select a more intensive washing programme.
- ▶ Adjust the sensitivity of the sensors.

Tableware has been pre-cleaned too intensely. The sensors chose a weaker programme. Stubborn soiling cannot be entirely removed.

- ▶ Only remove large remnants of food and do not pre-rinse tableware.

Tall narrow receptacles in corner areas are not rinsed adequately.

- ▶ Do not position tall narrow receptacles at too great an angle or in corner areas.

Top baskets on right and left are not set to same height.

- ▶ Set the top baskets on the left and right to the same level. → "Top basket", Page 23

Detergent residue in the appliance

Lid of the detergent dispenser is blocked by items of tableware parts and will not open.

1. Arrange tableware in the top basket tableware so the tab collecting tray is not obstructed by tableware. → "Arrange tableware", Page 36
Items of tableware are blocking the dispenser lid.
2. Do not place tableware or fragrance dispensers in the tablet collecting tray.

The lid of the detergent dispenser is blocked by the tab and will not open.

- ▶ Position the tab in the detergent dispenser crosswise, not vertically.

troubleshooting

Cause

- ▶ Tabs are used in the quick or short programme. Dissolving time of the tab is not attained.
- ▶ Washing effect and dissolving performance are reduced after a prolonged storage time or detergent is very lumpy.
- ▶ Select a more intensive programme.
- ▶ Position tableware at an angle. → "Arrange tableware", Page 36
- ▶ Use rinse aid. → "Rinse aid", Page 31
- ▶ Set the water softening system higher.

Fault

Detergent residue in the appliance

Water marks on plastic parts.

Wipeable or water-soluble coatings are present inside the appliance or on the door.

- ▶ Detergent substances are deposited there. These coatings cannot generally be removed with chemicals.
- ▶ Change your detergent → Page 32.
- ▶ Clean the appliance mechanically.

White coating is deposited in the appliance interior.

1. Set the water softening system correctly.
In most cases you will need to increase the setting.
2. Change your detergent if required.

Special salt dispenser is not screwed tight.

- ▶ Screw the special salt dispenser tight.
- ▶ Change your detergent → Page 32.
- ▶ Clean the appliance mechanically.

Stubborn white coatings are present on tableware, inside the appliance or the door.

The hardness range is set incorrectly or the water hardness is greater than 62 °E (8,9 mmol/l).

- ▶ Detergent substances are deposited there. These coatings cannot generally be removed with chemicals.
- ▶ Set the Water softening system → Page 29 to the water hardness or add special salt.
- ▶ Set the Water softening system → Page 29 to the water hardness and use separate detergents (proprietary detergent, special salt, rinse aid).

Fault

Stubborn white coatings are present on tableware, inside the appliance or the door.

Tea residue or lipstick marks on tableware.

Coloured coatings (blue, yellow, brown) that are difficult or impossible to remove are present inside the appliance or on stainless steel tableware.

Washing programme selected too weak.

Too little detergent is being used or is unsuitable.

Tableware has been pre-cleaned too intensely. The sensors chose a weaker programme. Stubborn soiling cannot be entirely removed.

The formation of films is due to substances contained in vegetables (cabbage, celery, potatoes, noodles, etc.) or tap water (manganese).

The formation of films is due to metal components on silver or aluminium tableware.

Cause

Too little detergent is being used.

Washing programme selected too weak.

Washing temperature is too low.

Too little detergent is being used or is unsuitable.

Tableware has been pre-cleaned too intensely. The sensors chose a weaker programme. Stubborn soiling cannot be entirely removed.

The formation of films is due to substances contained in vegetables (cabbage, celery, potatoes, noodles, etc.) or tap water (manganese).

The formation of films is due to metal components on silver or aluminium tableware.

troubleshooting

- ▶ Increase the amount of detergent used or change Detergent → Page 32.
- ▶ Select a more intensive washing programme.
- ▶ Adjust the sensitivity of the sensors.

Select a programme with a higher washing temperature.

Use a suitable Detergent → Page 32 and follow the manufacturer's instructions for the amount to be used.

Only remove large remnants of food and do not pre-rinse tableware.

Clean the appliance. You can remove deposits with Mechanical cleaning → Page 42 or a machine cleaning product. It may not always be possible to completely remove deposits but they are harmless to health.

Clean the appliance. You can remove deposits with Mechanical cleaning → Page 42 or a machine cleaning product. It may not always be possible to completely remove deposits but they are harmless to health.

Fault	Cause	troubleshooting
Irreversible clouding of glassware.	Glasses are not dishwasher-proof, only suitable for dishwashers.	<ul style="list-style-type: none"> ▶ Use dishwasher-proof glasses. ▶ Avoid a lengthy steam phase (standing time after wash cycle ends).
Rust spots on cutlery.	Cutlery is not sufficiently rust-resistant. Knife blades are often more severely affected.	<ul style="list-style-type: none"> ▶ Use a programme with a lower temperature. ▶ Set the softening system to the water hardness. ▶ Use detergent with a glass protection component.
Rust spots on cutlery.	Cutlery may also rust if washed together with rusting items.	<ul style="list-style-type: none"> ▶ Do not wash rusting items.
Salt content in washing water is too high.	Salt content in washing water is too high.	<ol style="list-style-type: none"> 1. Remove any spilled special salt from the tub. 2. Screw the cap of the special salt dispenser on tight.
Detergent residue is present in the detergent dispenser or the tablet collecting tray.	Spray arms were blocked by tableware so detergent was not rinsed out.	<ul style="list-style-type: none"> ▶ Check that the spray arms are not blocked and can rotate freely.
Detergent dispenser was damp when detergent was added.	Detergent dispenser was damp when detergent was added.	<ul style="list-style-type: none"> ▶ Only add detergent to a detergent dispenser when dry.
Excessive formation of foam occurs.	Hand washing-up liquid is present in dispenser for rinse aid.	<ul style="list-style-type: none"> ▶ Immediately add rinse aid to the dispenser. → "Adding rinse aid", Page 31
Rinse aid has been spilled.	Rinse aid has been spilled.	<ul style="list-style-type: none"> ▶ Remove the rinse aid with a cloth.
Detergent or appliance care product used causes excessive foaming.	Detergent or appliance care product used causes excessive foaming.	<ul style="list-style-type: none"> ▶ Change the brand of detergent.

Information on display panel

Fault	Cause	troubleshooting
Special salt refill indicator lights up.	Insufficient special salt.	<ul style="list-style-type: none"> ▶ Add Special salt → Page 29.

troubleshooting

Coloured deposits (yellow, orange, brown) that are easy to remove are present inside the appliance (mainly at the bottom).	<p>Cause</p> <p>The formation of films is due to ingredients of food remnants and tap water (limescale) "soaplike".</p>	<ol style="list-style-type: none"> 1. Check the setting of the water softening system. → "Setting water softening system", Page 29 2. Add special salt. → "Adding special salt", Page 29 3. If you are using combined detergents (tabs), activate the water softening system. <p>Follow the information about detergents. → "Information on detergents", Page 34</p>
Plastic parts inside the appliance are discoloured.	Plastic parts inside the appliance may become discoloured during the life of the dishwasher.	<ul style="list-style-type: none"> ▶ Discolouration can come about and will not impair functioning of the appliance.
Plastic parts are discoloured.	Washing temperature is too low.	<ul style="list-style-type: none"> ▶ Select a programme with a higher washing temperature.
Removable streaks are present on glasses, glassware with a metallic appearance and cutlery.	Tableware has been pre-cleaned too intensely. The sensors chose a weaker programme. Stubborn soiling cannot be entirely removed.	<ul style="list-style-type: none"> ▶ Only remove large remnants of food and do not prerinse tableware.
Amount of rinse aid to be dispensed is set too high.	Amount of rinse aid to be dispensed is set too high.	<ul style="list-style-type: none"> ▶ Set the rinse aid system to a lower setting.
No rinse aid has been added.	No rinse aid has been added.	<ul style="list-style-type: none"> ▶ → "Adding rinse aid", Page 31
Detergent residue is present in the final rinse. Lid of the detergent dispenser is blocked by tableware items and will not open fully.	Detergent residue is present in the final rinse. Lid of the detergent dispenser is blocked by tableware items and will not open fully.	<ol style="list-style-type: none"> 1. Arrange tableware in the top basket tableware so the tab collecting tray is not obstructed by tableware. → "Arrange tableware", Page 36 <p>Items of tableware are blocking the dispenser lid.</p>
Tableware has been pre-cleaned too intensely. The sensors chose a weaker programme. Stubborn soiling cannot be entirely removed.	Tableware has been pre-cleaned too intensely. The sensors chose a weaker programme. Stubborn soiling cannot be entirely removed.	<ol style="list-style-type: none"> 2. Do not place tableware or fragrance dispensers in the tablet collecting tray. <ul style="list-style-type: none"> ▶ Only remove large remnants of food and do not prerinse tableware. ▶ Adjust the sensitivity of the sensors.

en Troubleshooting		troubleshooting	
Fault	Cause		
Special salt refill indicator lights up.	Sensor does not detect special salt tablets.	▶	Do not use special salt tablets.
Refill indicator for special salt does not light up.	Water softening system is switched off.	▶	Setting water softening system → Page 29
Refill indicator for rinse aid does not light up.	Insufficient rinse aid.	1.	Add Rinse aid → Page 31.
		2.	Set the amount of rinse aid to be dispensed.
Refill indicator for rinse aid does not light up.	Rinse aid system is switched off.	▶	"Setting the amount of rinse aid", Page 32
Display flashes.	Appliance door is not closed properly.	▶	Close the appliance door. - Arrange the tableware so that no parts project beyond the basket and prevent the appliance door from closing properly.

Malfunctions

Fault	Cause		
Water is left in the appliance at the end of the programme.	Filter system or area under the filters is blocked.	1.	Clean the Filters → Page 43.
		2.	Clean the Wastewater pump → Page 57.
Appliance cannot be switched on or operated.	Programme has not yet ended.	▶	Wait until the programme ends or cancel the programme with reset.
	Appliance functions have failed.	▶	"Terminate programme", Page 38
Appliance does not start.	The mains fuse has tripped.	1.	Pull out the mains plug or switch off the fuse.
	Mains cable is not inserted.	2.	Wait at least 2 minutes.
		3.	Connect the appliance to the power supply.
		4.	Switch the appliance on.
		▶	Check the relevant fuse.
		1.	Check whether the socket works.
		2.	Check whether the mains cable is properly inserted in the socket and on the rear of the appliance.
	Appliance door is not closed properly.	▶	Close the appliance door.

Fault	Cause		
Programme starts automatically.	You did not wait until programme ended.	▶	"Terminate programme", Page 38
Appliance stops during the programme or cuts out.	Appliance door is not closed properly.	▶	Close the appliance door.
	Power and/or water supply has been interrupted.	1.	Check the power supply.
		2.	Check the water supply.
	Top basket is pressing against inner door and preventing appliance door from being closed securely.	▶	Check whether the rear panel of the appliance is being pressed in by a socket or hose holder that has not been removed.
		▶	Arrange the tableware so that no parts project beyond the basket and prevent the appliance door from closing properly.

Mechanical damage

Fault	Cause		
Appliance door cannot be closed.	Door lock has been activated.	▶	Close the appliance door with greater force.
	Door cannot be closed due to installation method.	▶	Check whether the appliance has been installed properly. When closed, the appliance door, its decor or attached parts should not knock against adjacent cabinets or the worktop.
Lid on the detergent dispenser cannot be closed.	Detergent dispenser or lid are blocked by sticky detergent residue.	▶	Remove detergent residue.

Noise

Fault	Cause		
Filling valves making knocking noises.	Caused by the domestic installation. No appliance fault present. Does not affect functioning of the appliance.	▶	Can only be remedied in the domestic installation.
Knocking or rattling noise.	Spray arm is striking tableware.	▶	Arrange tableware so that the spray arms do not strike tableware.
	With a small load the water jets directly strike against the tub.	▶	Distribute the tableware evenly.