Dishwasher

User's Manual



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Please read this user manual first!

Dear Customer,

We hope that you get the best results from your product which has been manufactured with high quality and state-of-the-art technology. Therefore, please read this entire user manual and all other accompanying documents carefully before using the product and keep it as a reference for future use. If you handover the product to someone else, give the user manual as well. Follow all warnings and information in the user manual. Remember that this user manual is also applicable for several other models. Differences between models will be identified in the manual.

Explanation of symbols

Throughout this User Manual the following symbols are used:

	Important information or useful hints about usage.
	Warning for hazardous situations with regard to life and property.
	Warning for electric shock.
	Packaging materials of the product are manufactured from recyclable materials in accordance with our National Environment Regulations.

Do not dispose of the packaging materials together with the domestic or other wastes. Take them to the packaging material collection points designated by the local authorities.

This product was manufactured using the latest technology in environmentally friendly conditions.

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1 instructions for safety and environment

This section contains safety instructions that will help to get protected from risk of personal injury or property damage. Failure to follow these instructions shall void all warranties.

General safety

- Never place the product on a carpet-covered floor; otherwise, lack of airflow beneath the product will cause electrical parts to overheat. This will cause problems with your product.
- Do not operate the product if the power cable / plug is damaged! Call the Authorised Service Agent.
- Connect the product to a grounded outlet protected by a fuse complying with the values in the "Technical specifications" table. Do not neglect to have the grounding installation made by a qualified electrician. The manufacturer shall not be liable for any damages that will arise when the product is used without grounding in accordance with the local regulations.
- The water supply and draining hoses must be securely fastened and remain undamaged.
- Unplug the product when not in use.
- Never wash the product by spreading or pouring water onto it! There is the risk of electric shock!
- Never touch the plug with wet hands! Never unplug by pulling on the cable, always pull out by grabbing the plug.
- The product must be unplugged during installation, maintenance, cleaning and repairing procedures.
- Always have the installation and repairing procedures carried out by the Authorised Service Agent. Manufacturer shall not be held liable for damages that may arise from procedures carried out by unauthorised persons.
- Never use chemical solvents in the product. They bring forth the risk of explosion.
- When you pull the upper and lower baskets out completely, the door of the product will bear all the weight of the baskets. Do not put other loads on the door; otherwise, the product may tilt.
- Never leave the door of the product open apart from loading and unloading procedures.
- Do not to open the door of the product when it is running unless necessary. Be careful for the rush of hot steam when you open the door.

Intended use

- This product has been designed for domestic use.
- It must be used to do the domestic type dishes only.

- This appliance is intended to be used in household and similar applications such as:

- Staff kitchen areas in shops, offices and other working environments;
- Farm houses;
- By clients in hotels, motels and other residential type environments;
- Bed and breakfast type environments

- Only dishwasher safe detergents, rinse aids and additives must be used.
- The manufacturer waives any responsibility arisen from incorrect usage or transportation.
- The service life of your product is 10 years. During this period, original spare parts will be available to operate the product properly.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical,sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

Children's safety

- Electrical products are dangerous for the children. Keep children away from the product when it is in use. Do not let them to tamper with the product.
- Do not forget to close the door of the product when leaving the room where it is located.
- Store all detergents and additives in a safe place away from the reach of the children.

Disposing of packaging material

Packaging materials are dangerous to children. Keep packaging materials in a safe place away from reach of the children.
Packaging materials of the product are manufactured from recyclable materials. Dispose of them properly and sort in accordance with recycled waste instructions. Do not dispose of them with normal domestic waste.

Transportation of the product



If you need to move the product, do it in upright position and hold from the rear side. Slanting the product onto its front side may cause the electronic parts in it get wet and damaged.

1. Unplug the product before transporting it.
2. Remove water drainage and water supply connections.
3. Drain the remaining water in the product completely.

Compliance with WEEE Directive and Disposing of the Waste Product



This product complies with EU WEEE Directive (2012/19/EU). This product bears a classification symbol for waste electrical and electronic equipment (WEEE). This product has been manufactured with high quality parts and materials which can be reused and are suitable for recycling. Do not dispose of the waste product with normal domestic and other wastes at the end of its service life. Take it to the collection center for the recycling of electrical and electronic equipment. Please consult your local authorities to learn about these collection centers.

Compliance with RoHS Directive

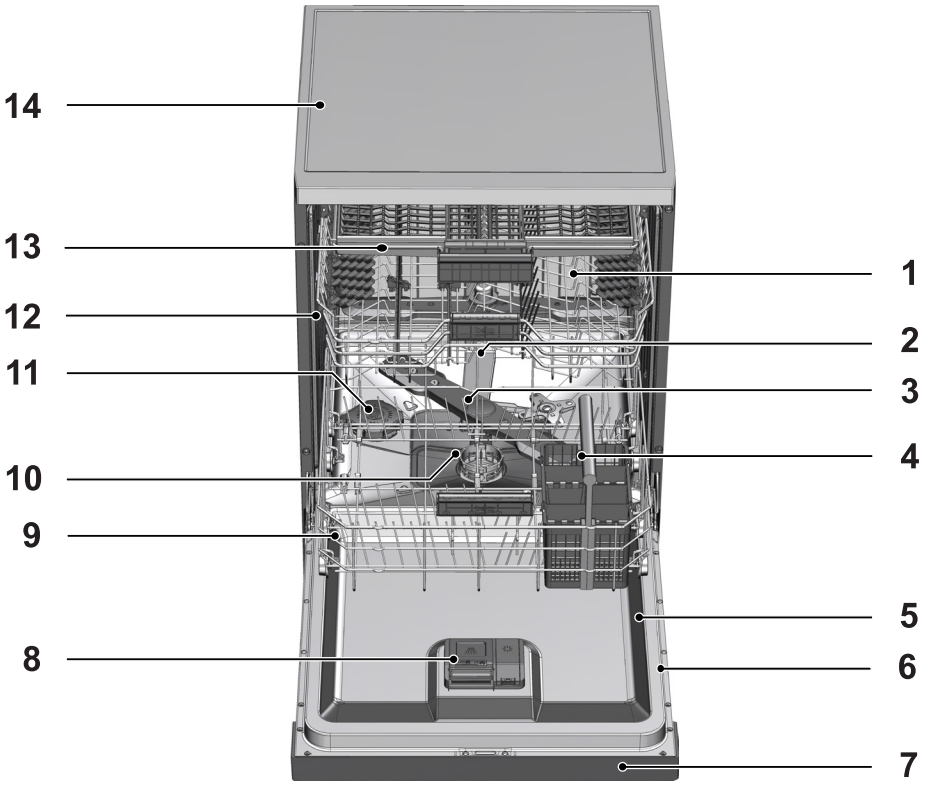
The product you have purchased complies with EU RoHS Directive (2011/65/EU). It does not contain harmful and prohibited materials specified in the Directive.

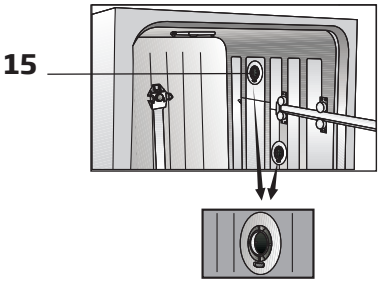
Package information

Packaging materials of the product are manufactured from recyclable materials in accordance with our National Environment Regulations. Do not dispose of the packaging materials together with the domestic or other wastes. Take them to the packaging material collection points designated by the local authorities.

2 Dishwasher

Overview





1. Upper basket
2. Upper impeller
3. Lower impeller
4. Silverware basket (depends on model)
5. Door
6. Rating Label
7. Control panel
8. Detergent dispenser
9. Lower basket
10. Filters
11. Salt reservoir lid
12. Upper basket rail
13. Upper cutlery basket (depends on model)
14. Tabletop (depends on model)
15. Fan drying system (depends on model)

Technical specifications

Compliance to standards and test data / EC declaration of conformity
This product complies with the following EU directives;
Development, production and sales stages of this product comply with the safety rules included in all pertaining European Community regulations.
2014/35/EU, 2014/30/EU, 93/68/EC, IEC 60436/DIN 44990, EN 50242

Power input	220-240 V, 50 Hz (see rating label)
Total power consumption	1800-2100 W (see rating label)
Heater power consumption	1800 W (see rating label)
Total current (depends on the model)	10 A (see rating label)
Drain pump power consumption	30 W (see rating label)
Water pressure	0.3 -10 bar (= 3 - 100 N/cm² = 0.01-1.0 Mpa)

Technical specifications may be changed without prior notice to improve the quality of the product.

Figures in this manual are schematic and may not match the product exactly.

Values stated on the markings of the product or in the printed documents accompanying the product are obtained in the laboratory on basis of the relevant standards. Depending on operational and environmental conditions of the product, these values may vary.

Fan drying system

(depends on model)
Fan drying system ensures efficient drying of your dishes.
It is normal to hear a different sound than that of washing cycle during fan operation.

Note for test institutions:
Data required for performance tests shall be provided upon request. Requests can be e-mailed to the following address:
dishwasher@standardloading.com
Do not forget to provide the code, stock and serial numbers of the product to be tested in your request e-mail along with your contact information. Code, stock and serial numbers of the product may be found on the type label attached to the side wall of the door.

3 Installation

Refer to the nearest Authorised Service Agent for installation of your product. To make the product ready for use, make sure that the electricity, tap water supply and water drainage systems are appropriate before calling the Authorised Service Agent. If they are not, call a qualified technician and plumber to have any necessary arrangements carried out.



Preparation of the location and electrical, tap water and waste water installations at the place of installation is the customer's responsibility.



Installation and electrical connections must be carried out by the Authorised Service Agent. Manufacturer shall not be held responsible for damages arising from processes carried out by unauthorised persons.



Prior to installation, visually check if the product has any defects on it. If so, do not have it installed. Damaged products cause risks for your safety.



Make sure that the water inlet and discharge hoses are not folded, pinched or crushed while pushing the product into its place after installation or cleaning procedures.

When placing the product, pay attention not to damage the floor, walls, piping, etc. Do not hold the product by its door or panel to move it.

Appropriate installation location

- Place the product on a solid and flat floor that has sufficient load carrying capacity! The product must be installed on a flat surface in order for the door to be closed comfortably and securely.
- Do not install the product at places where temperature may fall below 0°C.
- Place the product at least 1 cm away from the edges of other furniture.
- Place the product on a rigid floor. Do not place it on a long pile rug or similar surfaces.



Do not place the product on the power cable.

- Make sure that you select a location that will allow you to load and unload the dishes in a fast and comfortable manner.
- Install the product in a place close to the tap and the drain hole. Select the installation location by considering that it will not be changed after the connections are made.

Connecting water supply

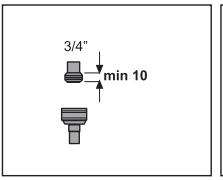


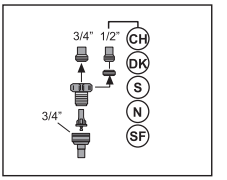
We recommend attaching a filter on the house/apartment supply water inlet to protect the machine from damages that may arise from impurities (sand, dirt, rust, etc.) coming from the urban water supply system or from your own water system as well as to prevent complaints such as yellowing or sludge accumulation at the end of washing.

Permitted water temperature: up to 25°C (60°C for products equipped with Aquasafe+; please refer toAquasafe+ section)
The dishwasher may not be connected to open warm water devices or flow-through water heaters.

- Do not use old or used water inlet hose on the new product. Use the new water inlet hose supplied with the product.
- Connect the water inlet hose directly to the water tap. Pressure coming from the tap should be minimum 0.3 and maximum 10 bars. If the water pressure exceeds 10 bars, a pressure relief valve should be installed in between.
- Open the taps completely after making the connections to check for water leaks.

Use a screw-on hose connector to connect the water inlet hose to a water tap with a ¾ inch external thread. If required, use a filter insert to filter deposits from the pipes.

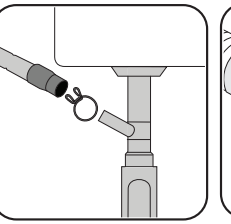


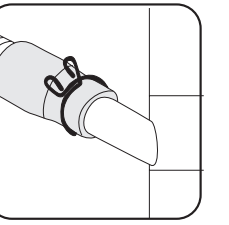


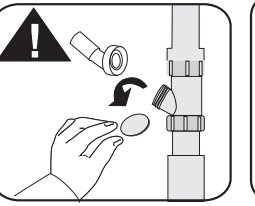
For your safety, close the water inlet tap completely after the washing programme is over.

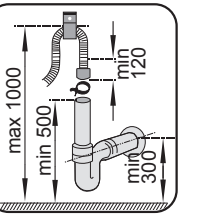
Connection to the drain

Water discharge hose can directly be connected to the drain hole or sink's drainage. The length of this connection must be min. 50 cm and max. 100 cm from the floor. A discharge hose longer than 4 meters causes dirty washing.
Attach the water discharge hose to the drainpipe without bending it. Tightly fix the water discharge hose to the drainpipe in order to prevent any dislocation of the water discharge hose during operation of the product.









Drainpipe must be connected to the sewage system and it should not be connected to any surface water.

Adjusting the feet

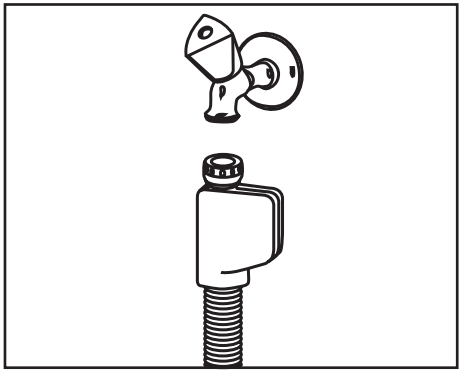
If the door of the product cannot be closed properly or if the product swings when you push it slightly, then you need to adjust the feet of the product. Adjust the feet of the product as illustrated in the installation manual supplied with the product.

Dishwashers door must be aligned properly otherwise hot steam can escape! Danger of serious burns, other injury or may damage furniture.

Aquasafe+

(depends on model)
The Aquasafe+ system protects against water leaks that may occur at the hose inlet.Water contact with the valve box of the system must be avoided to prevent damage to the electrical system. If the Aquasafe+ system is damaged, unplug the product and call the Authorised Service Agent.

As the hose set contains electrical connections and assemblies, never shorten or lengthen the hose with extension hoses.



Electrical connection

Connect the product to a grounded outlet protected by a fuse complying with the values in the "Technical specifications" table. The manufacturer shall not be liable for any damages that will arise when the product is used without grounding in accordance with the local regulations.

- Connection must comply with national regulations.
- Power cable plug must be within easy reach after installation.

Unplug the product after the washing programme is over.

- The voltage and allowed fuse or breaker protection are specified in the "Technical specifications" section. If the current value of the fuse or breaker in the house is less than 16 Amps, have a qualified electrician install a 16 Amp fuse.
- The specified voltage must be equal to your mains voltage.
- Do not make connections via extension cables or multi-plugs.

Damaged power cables must be replaced by the Authorised Service Agent.

If your dishwasher is equipped with internal illumination, lamp should only be replaced by the Authorised Service Agent in case of failures that may occur on the lamp.

If the product has a failure, it should not be operated unless it is repaired by the Authorised Service Agent! There is the risk of electric shock!

Initial use

Before starting to use the product, make sure that all preparations are made in accordance with the instructions in sections "Important safety instructions" and "Installation".

- To prepare the product to do the dishes, perform first operation in the shortest programme with detergent while the machine is empty. During the initial use, fill the salt reservoir with 1 litre of water prior to filling it with salt.

There might be a small amount of water left in the product after factory quality control tests. This has no harm on the product.

4 Preparation

Tips for energy saving

Following information will help you use the product in an ecological and energy-efficient manner.
Wipe away any coarse food remnants on the dishes before putting them in the product.
Operate the product after filling it completely.
When selecting a programme, consider the table of "Programme data and average consumption values".
Do not put more detergent than suggested on the detergent package.

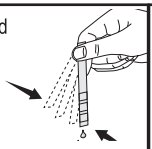
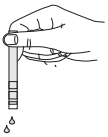
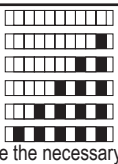
Water softening system

The product is equipped with a water softening system which reduces the hardness of incoming water. This system softens the supply water to a level that will allow washing the dishes with the required quality.

	The mains water hardness must be softened if it is over 7°dH. Otherwise, hardness ions will accumulate on the dishes that are washed and may affect the washing, rinsing and drying performances of the machine.

Adjusting the water softening system

Washing, rinsing and drying performance of your dishwasher will improve when the water softening system is adjusted correctly.
To adjust the system, first learn the water hardness in your region and adjust as indicated below.

a	b	c	d	e	f
					
Unpack the test strip.	Open the tap and let the water flow for approx. 1 minute.	Dip in the test strip into the water for 1 second.	Take out the strip from the water and shake it.	Wait for 1 minute.	Make the necessary adjustment according to the test strip.

After detecting the water hardness:

1. After switching on your machine, press and hold the Menu key for 3 seconds.

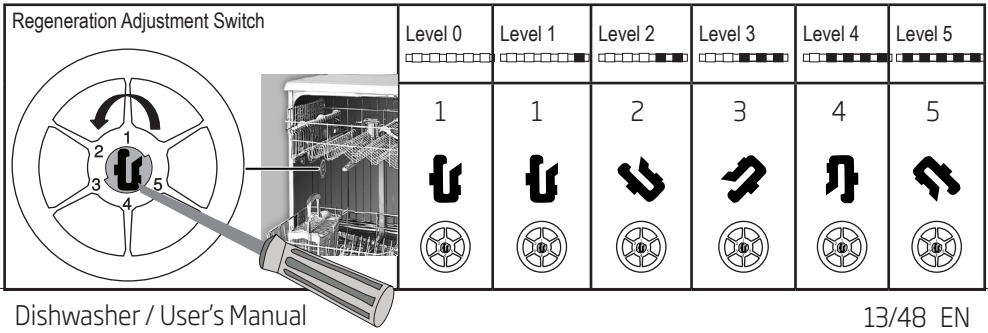
	Some models require pressing Menu key once to enter settings menu.

2. Using <- and +> keys, proceed until the water hardness setting indicator becomes on ("r" position will be displayed).
3. Using the Selection key, adjust water hardness level according to the hardness of the supply water. For correct setting please see "Water hardness level setting table".
4. Press On / Off key to save the setting.

Water hardness level adjustment table

Hardness Level	English Water Hardness °dE	German Water Hardness °dH	French* Water Hardness °dF	Water Hardness Level Indicator
Level 0	0-5	0-4	0-8	Press the Selection key to switch the water hardness level to position 1. (r1)
Level 1	6-9	5-7	9-13	
Level 2	10-15	8-12	14-22	Press the Selection key to switch the water hardness level to position 2. (r2)
Level 3	16-19	13-15	23-27	Press the Selection key to switch the water hardness level to position 3. (r3)
Level 4	20-24	16-19	28-34	Press the Selection key to switch the water hardness level to position 4. (r4)
Level 5	25-62	20-50	35-90	Press the Selection key to switch the water hardness level to position 5. (r5)

Perform the same hardness level adjustment that you have set on the control panel also with the regeneration adjustment switch. For example, if you have adjusted to "3" in the control panel, also set the regeneration adjustment switch to 3.



If the hardness level of the water that you use is above 50°dH or if you are using well water, than it is recommended to use filter and water purification devices.If the hardness level of the water that you use is below 7°dH, there is no need to use salt in your dishwasher. In this case, the Salt Indicator light on the control panel of your dishwasher will light continuously.
If the water hardness is set to level 1, the Salt Indicator will light continuously although it is not necessary to use salt. If you use salt under this condition, salt will not be consumed and the lamp will not illuminate.

When moving, you will need to set the water hardness level of your dishwasher again according to the information above, depending on the water hardness of the place you have moved to.
If the water hardness level of your machine is adjusted previously, your machine will display the most recent hardness level adjustment.

Adding salt

Water softening system needs to be regenerated in order for the product operates with the same performance continuously. Dishwasher salt is used for this purpose.

Use only special softening salts produced particularly for the dishwashers in your machine.

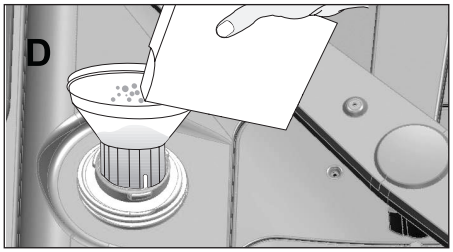
It is recommended to use granule- or powder-formed softening salts in the water softening system. Do not use salts that do not completely dissolve in water such as table salt or rock salt. Otherwise the performance of the system may deteriorate in time.

Salt reservoir will be filled with water when you start the product. For this reason, add salt before operating the machine.

1. Firstly, take the lower basket out to add softening salt.
2. Turn the salt reservoir lid counter-clockwise to open it (A).



3. Add 1 litre of water to salt reservoir of your machine only in initial use.
4. Fill the salt reservoir with salt by using the salt funnel (D). To speed up dissolution rate of salt in water, stir it with a spoon.



You can put about 2 kg of softening salt into the salt reservoir.

5. Replace the lid and tighten it when the reservoir is full.

You need to add salt right before starting the machine. Thus, the overflowing salty water will be flushed immediately, preventing the risk of corrosion in machine. In cases where you would not start washing immediately, run your machine empty in the shortest program.

Since different salt brands in the market have different particle sizes and since the water hardness may vary, dissolution of the salt in water may take a couple of hours. Therefore, Salt Indicator remains on for a while after adding salt into the machine.

Detergent

You can use powder, liquid/gel or tablet detergents in the machine.

Only use in the machine the detergents produced particularly for use with dishwashers. We recommend you not use detergents that contain chlorine and phosphate as they are harmful for the environment.

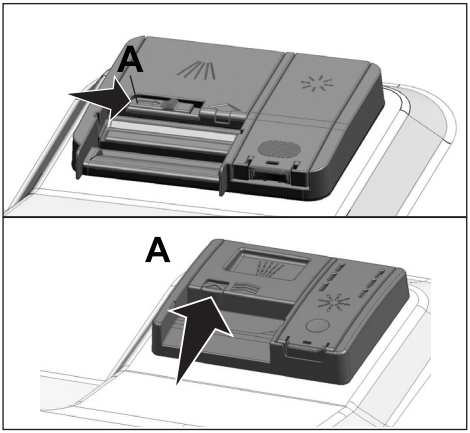
Adding detergent

Pay attention to the warnings on the detergent packaging to get better washing and drying results. Contact the manufacturer of the detergent for further questions.

Do not put solvents into the detergent dispenser. There is the risk of explosion!

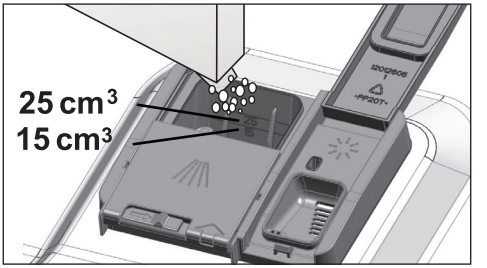
Put the detergent into the detergent dispenser just before operating the machine as illustrated below.

1. Push the latch to right to open the detergent dispenser lid (A). (depends on model)

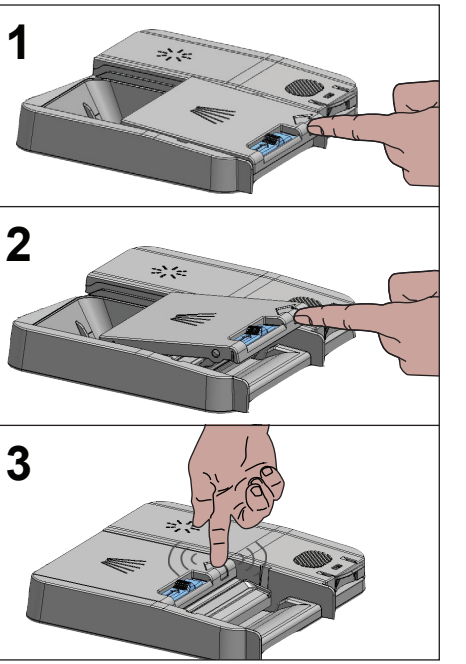


2. Put suggested amount of powder, liquid/gel or tablet detergent in the reservoir.

Inside the detergent dispenser there are level markings that help you use appropriate amount of powder detergent. When brimful, detergent dispenser will contain 45 cm³ of detergent. Fill detergent up to 15 cm³ or 25 cm³ level marks in the detergent dispenser according to fullness of the machine and/or soiling degree of the dishes. One tablet is enough if you are using detergent tablets.



3. Push the lid of the detergent dispenser to close it. A "click" will be heard when the lid is closed.

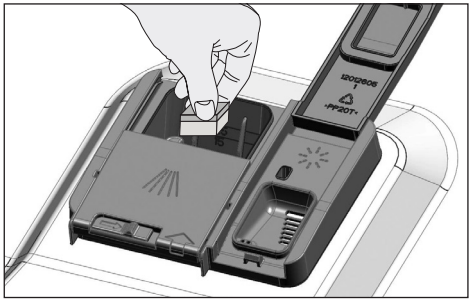


Use powder or liquid/gel detergent in short programmes without prewash since the solubility of the tablet detergent changes depending on the temperature and time.

Tablet detergents

In addition to the conventional tablet detergents, there are also commercially available detergent tablets that show water softening salt and/or rinse aid effect. Some types of these detergents contain special-purpose components such as glass and stainless steel protectors. These tablets show their effects up to a certain water hardness level (21°dH). Water softening salt and rinse aid must also be used together with the detergent if the water hardness level is above the mentioned level.

The best washing performance in dishwashers is obtained by using detergent, rinse aid and water softening salt individually.



Observe the instructions of the detergent manufacturer on the package when using tablet detergents.

Contact the detergent manufacturer if your dishes are wet and/or if you notice limescale spots particularly on your glasses after the washing programme is over when using a tablet detergent.

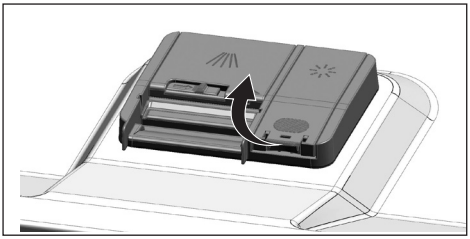
When you switch to powder detergent from tablet detergent:

1. Make sure that salt and rinse aid reservoirs are full.
2. Set the water hardness to the highest level and perform an empty run.
3. After the empty washing cycle, review the user manual and readjust the water hardness level so as to suit the water supply.
4. Make the appropriate rinse aid settings.

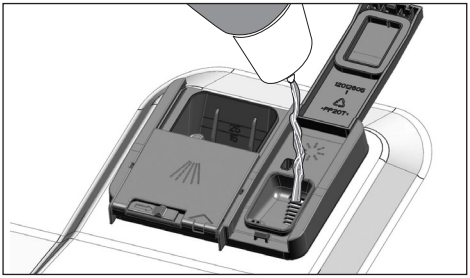
Rinse aid

The rinse aid used in dishwashers is a special combination that aims to increase drying efficiency and prevent water or lime stains on the washed items. For this reason, care must be paid to have rinse aid in the rinse aid reservoir and to use rinse aids produced specially for dishwashers only.

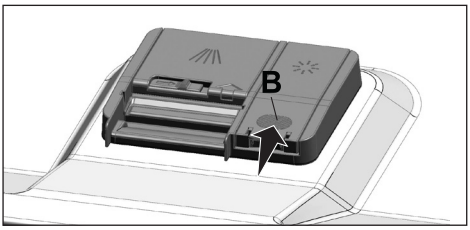
1. Open the lid of the rinse aid reservoir with the help of the latch.



2. Fill the reservoir until “MAX” level.



3. Slightly press the point (B) of the reservoir lid to close it.



4. If there are stains on tableware items after washing, level must be increased and if there is a blue trace after wiping them by hand, it must be decreased. This is set to position 3 as factory default.

	The rinse aid adjustment is described under "Adjusting the amount of rinse aid" in the section for operating the machine.

	Wipe clean any spilled rinse aid outside the reservoir. Rinse aid that spilled accidentally will cause foaming and it will eventually decrease washing performance.

Items not suitable for washing in the dishwasher

- Never wash dishes soiled by cigarette ash, candle remnants, polish, dyestuff, chemicals, etc. in your dishwasher.
- Do not wash silverware and cutlery with wooden or bone stems, glued pieces, or pieces that are not resistant to heat, as well as copper and tin-plated containers in the dishwasher.

	Decorative prints of chinaware as well as aluminium and silver items may get discoloured or tarnished after washing in the dishwasher just as it happens in handwashing as well. Some delicate glass types and crystals may become dull in time. We strongly recommend you to check if the tableware you are going to purchase is suitable for washing especially in the dishwasher.

Placing the dishes into the dishwasher

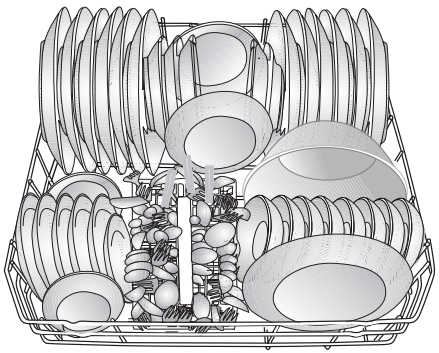
You can use your dishwasher in the optimum way with respect to energy consumption and washing and drying performance only if you place the dishes in an orderly way.

- Wipe away any coarse food remnants (bones, seeds, etc.) on the dishes before placing them in the dishwasher.
- Place thin, narrow pieces in the middle sections of baskets if possible.
- Place the heavily soiled and bigger items in the lower basket and smaller, delicate and light items in the upper basket.
- Place the hollowed dishes such as bowls, glasses and pans upside down in the dishwasher. Thus, accumulation of water in deep hollows is prevented.

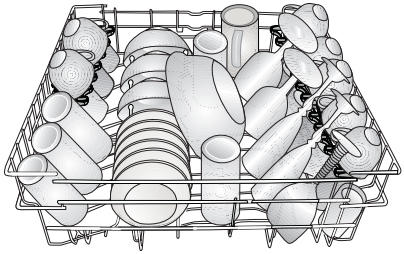
	To prevent possible injuries, always place the sharp and pointed dishes such as service fork, bread knife, etc. upside down so as their pointed ends will face down or they will lie horizontally in the dish basket.

Unload dishes in the lower basket first and then the dishes in the upper basket.

Suggestions for loading the dishwasher

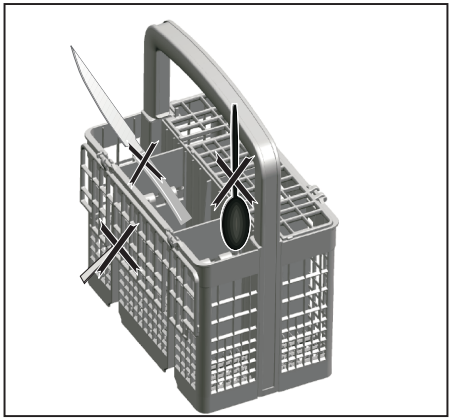


Lower basket

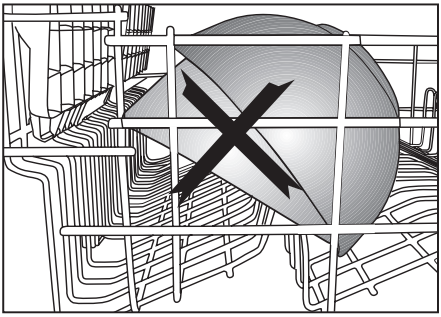


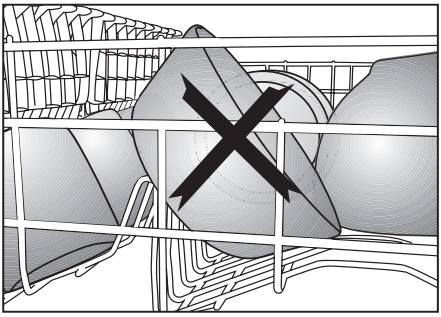
Upper basket

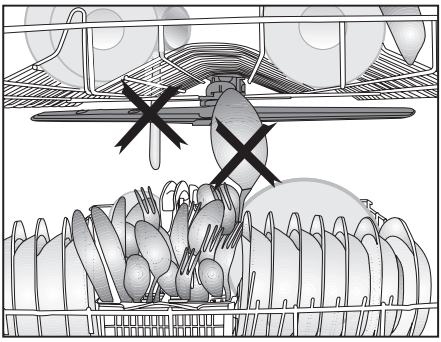
Improper Loading Of Dishware

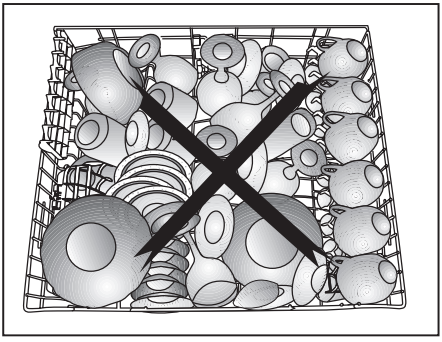


Improper Loading Of Dishware



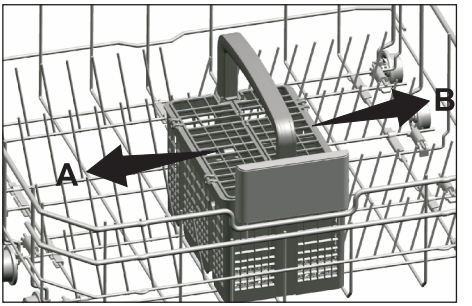


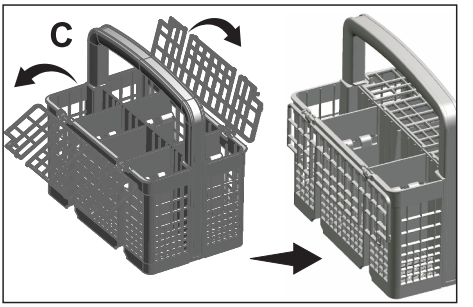




Cutlery basket

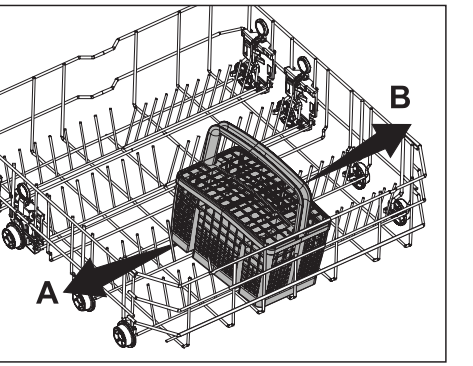
(depends on model)
Cutlery basket is designed to wash your dishes such as knife, fork, spoon, etc. in an efficient manner.
Since the cutlery basket can be moved (A, B), you can create more space while placing your dishes in the lower basket and free up space for your dishes of different sizes.

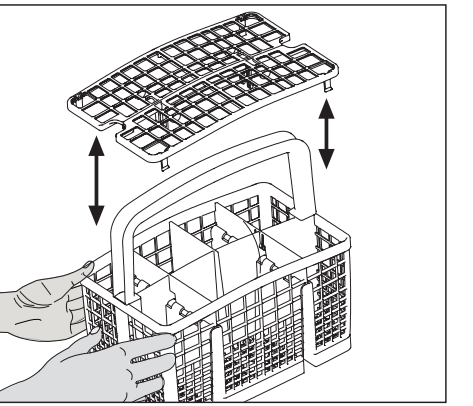




Cutlery basket

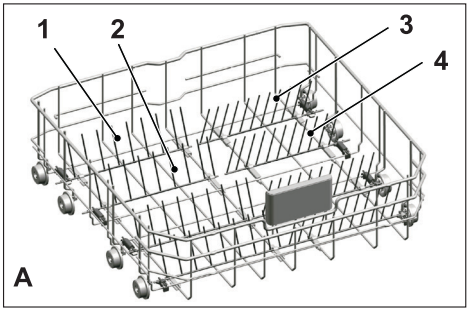
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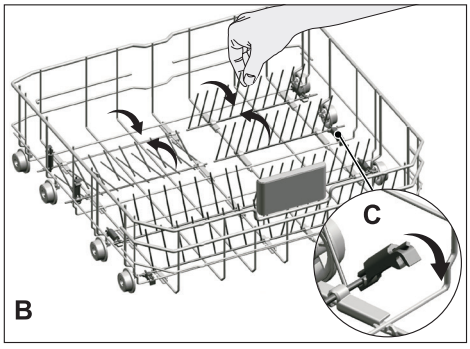


Collapsible lower basket tines

(depends on model)
There are foldable tines (A) located at the lower basket of the machine are designed for an easier placement of large pieces such as pans, bowls, etc. You can create larger spaces by folding each tines individually or all of them at once.



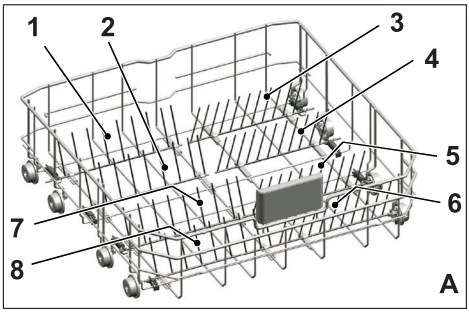
To bring the collapsible tines into horizontal position, grab the tines from mid position and push them in the directions of arrows (B). To bring the tines back to vertical position, just lift them up. Collapsible tines will click into the latch again (C).



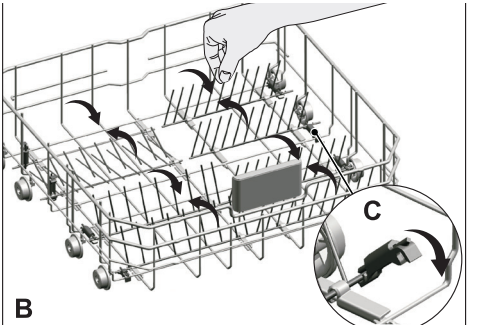
Bringing the tines to the horizontal position by holding them from the tips may cause them to bend. Therefore, it will be appropriate to bring the tines in the middle to horizontal or vertical position by holding them from their stems and pushing in the direction of arrow.

Collapsible lower basket tines

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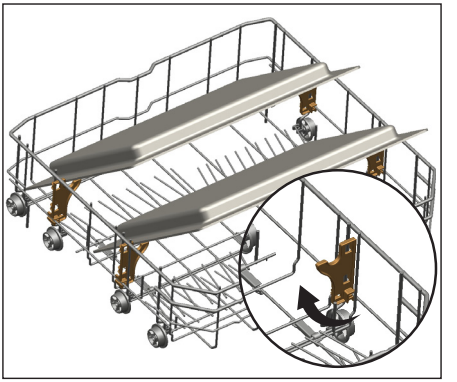
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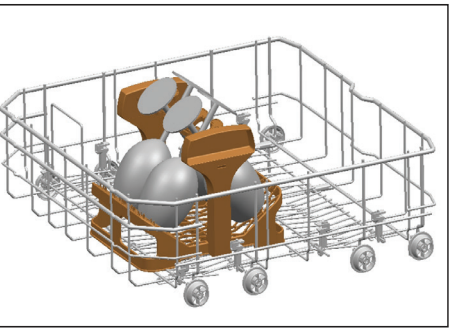
Tray Wash Supports

(depends on model)
Use the supports to wash trays in the bottom basket.
See the Auxiliary functions section for appropriate programme and function selection.



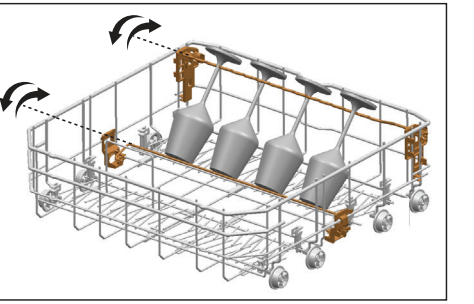
SoftTouch Accessory

(depends on model)
The SoftTouch Accessory found in the lower basket of your machine enables a safe washing for your fragile glasses.



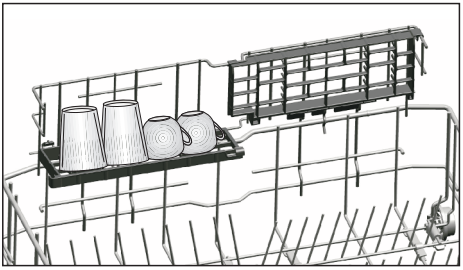
Lower Basket Glass Holder

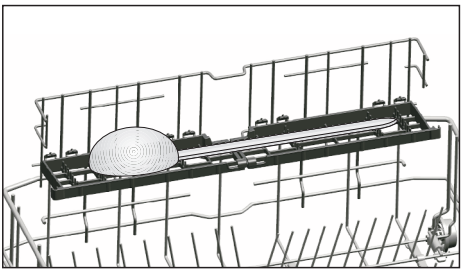
(depends on model)
Lower Basket Glass Holder found in the lower basket of your machine enables a safe washing for your oversized and tall glasses.

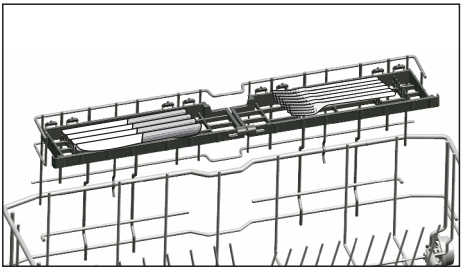


Lower basket multipurpose / height adjustable service rack

(depends on model)
This accessory located at the lower basket of your machine allows you to easily wash pieces such as extra glasses, long ladles and bread knives.



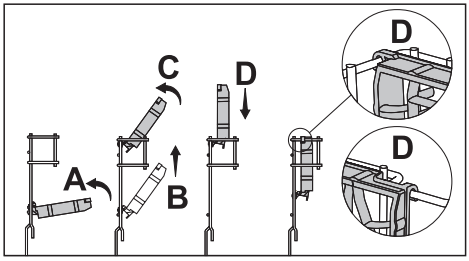




You may use the racks as required by moving them to lower or upper position, or close them to create a wider space in your lower basket.

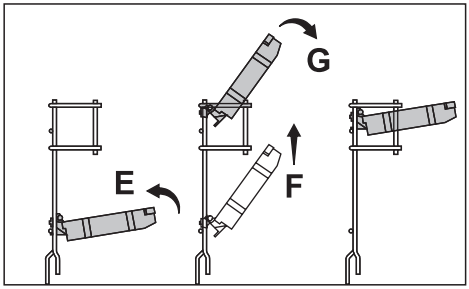
Make sure that the impeller does not touch the dishes you placed on the racks.

To close the racks:
1. Fold the rack (A).
2. Slide the rack up (B).
3. Put the rack in vertical position (C).
4. Slide the rack down and lock it by the tabs (D).



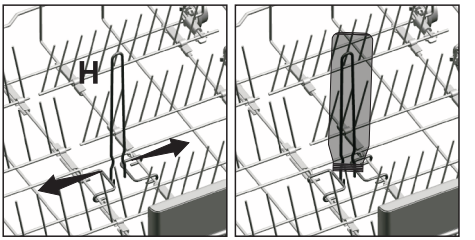
You may open the racks in the same process in reverse order.

To adjust the height of the racks:
1. Fold the rack (E).
2. Slide the rack up (F).
3. Open the rack at the desired level (G).



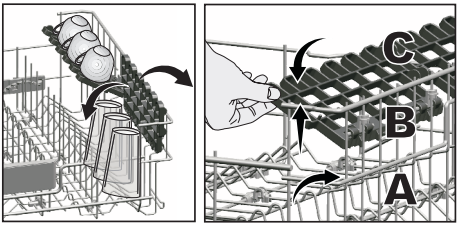
Lower basket bottle wire

(depends on model)
The bottle wire is designed for easier washing of long pieces with wide mouths. You may take out the bottle wire from the basket when not in use by pulling it out from both sides (H).



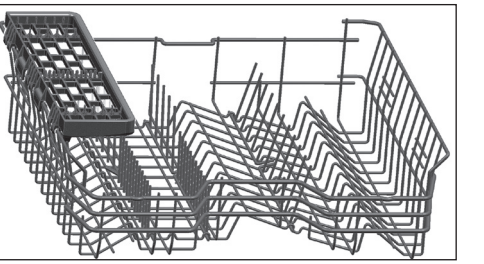
Upper basket height adjustable rack

(depends on model)
Use the lower and upper parts of the height adjustable racks in the upper basket of the machine by sliding them down or up according to the heights of the glasses, cups or etc. (A, B, C).

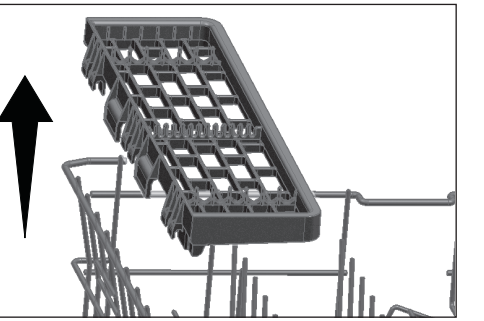


Upper basket multipurpose service rack

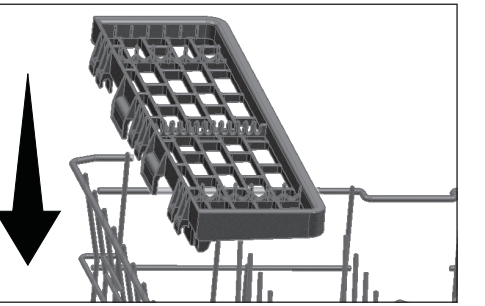
(depends on model)
This accessory located at the upper basket of your machine allows you to easily wash pieces such as extra long ladles and bread knives.



You can lift up the upper basket multipurpose service rack to remove it if you do not want to use it.



If you want to use the upper basket multipurpose service rack again, you can easily attach it to the side section of your upper basket.



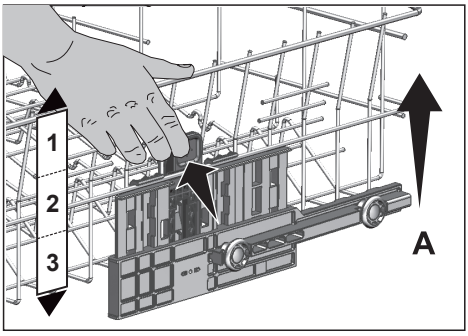
Adjusting the height of the upper basket

(depends on model)
The upper basket height adjustment mechanism has been designed for you to create large spaces in the lower or upper sections of your machine depending on your needs by adjusting the height in the upper or lower direction while your basket is empty or loaded.

Thanks to this mechanism, you can use your basket in three different positions, namely lower, middle and upper positions (1, 2, 3).

1. To raise your basket, hold the upper basket wires with both hands while the basket is in the lowermost position and pull them up (A).
2. You will hear a "Click" from the right and left mechanisms, indicating that the basket has reached the next level. Release the basket.

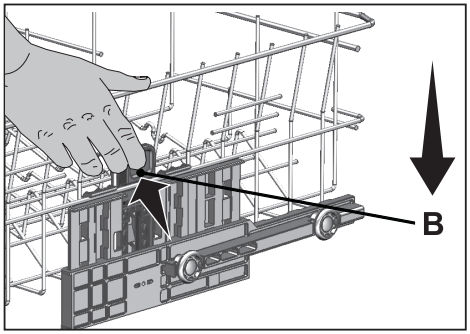
Repeat the process if the height is not sufficient.



To lower the basket, while it is in the uppermost position;

1. Hold the upper basket wires with both hands, slightly lift up the basket and simultaneously push and release the latches shown in the figure (B).
2. Lower the basket from its current position to the lower one.
3. Release the basket after it has reached one level down.

Repeat the process if the height is not sufficient.

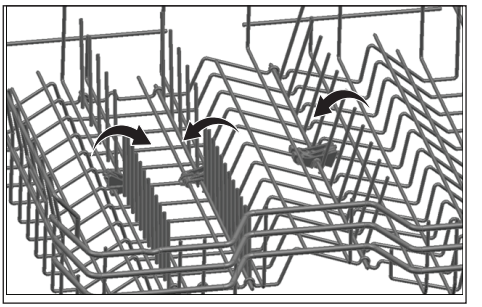


The movement mechanism may not function properly if the upper basket is overloaded or if the weight distribution is not balanced. In heavier conditions, there is the risk of falling one level down.

Make sure that the adjustment mechanism has the same positions on the right and left sides of the upper basket.

Collapsible upper basket wires

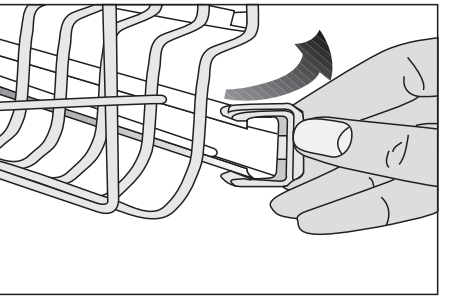
(depends on model)
You can use collapsible wires when you need a larger space for your dishes in the upper basket of your machine.
To bring the collapsible wires into horizontal position, grab the wire from the middle position and push them in the direction of arrow in the figure. Place your larger dishes into the area created. To bring the wires back to vertical position, just lift them up.

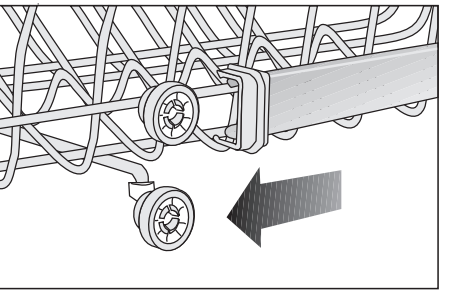


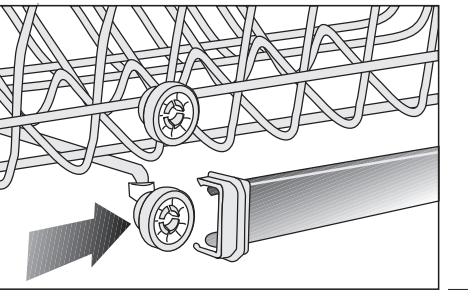
Bringing the wires to the horizontal position by holding them from the tips may cause them to bend. Therefore, hold the wires from their stems while bringing them to the horizontal or vertical positions.

Height setting with empty basket

(depends on model)
In this model, the height setting of the upper basket may be changed using the wheels which are mounted at two different heights.
Release the latches on both the right and left tracks of the upper basket by pushing them outwards.
Pull the basket out completely.
Place the basket back into the tracks at the desired height.
Push the latches back into the correct position.

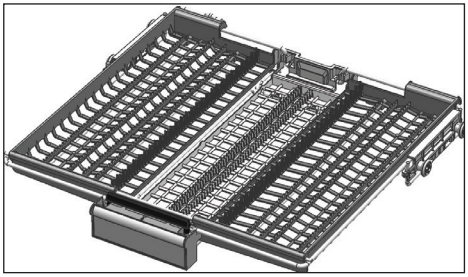


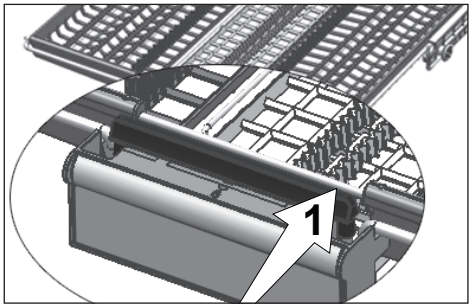




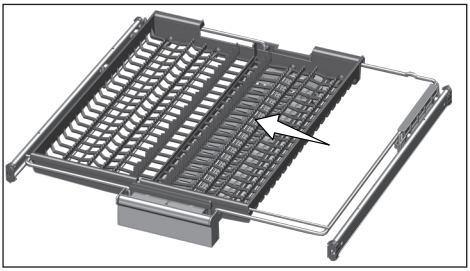
Ceiling cutlery basket

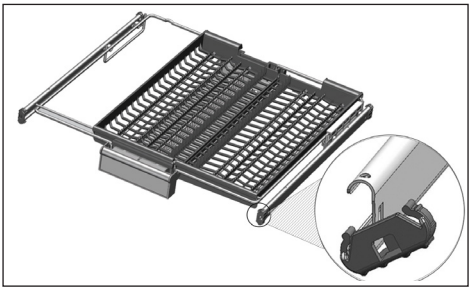
(depends on model)
Ceiling cutlery basket is designed to wash your cutlery items such as forks, spoons and etc. by placing them between the bars on the basket.





In models with partial movement feature, pushing the bar (1) on the handle enables the central tray of the basket to get to the lower position and the system gets unlocked. Thus right and left side trays can be used as moving parts.
The free space enabled by the side trays allows long parts to be loaded in the upper basket.

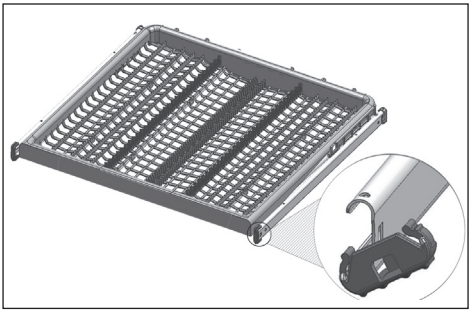




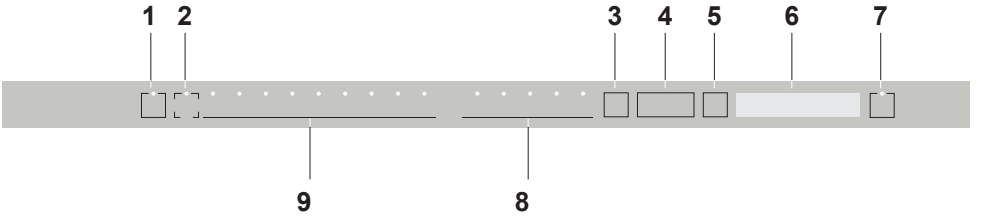
When the central tray is in the lower position, you can load long/high items such as coffee cups, ladles, etc. on the tray. When the side trays lean on two side walls, the handle can be pulled to allow the central tray to rise and the system to be locked.

Ceiling cutlery basket

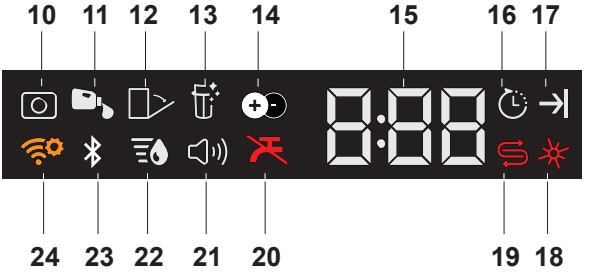
(depends on model)
Ceiling cutlery basket is designed to wash your cutlery items such as forks, spoons and etc. by placing them between the bars on the basket.



5 Operating the product



1. On / Off Key
2. Bluetooth Function (Remote
3. Menu Key
4. Time Delay Selection / Menu Direction Selection Keys
5. Selection / Confirmation Key
6. Display
7. Start / Pause / Cancel Key
8. Function Selection Keys
   - F1 TrayWash Function
   - F2 Fast+ Function
   - F3 SteamGloss Function
   - F4 Super Rinse Function
   - F5 Half Load function
9. Programme Selection Keys



10. Tablet Detergent Indicator (depends on the model)
11. Liquid Detergent Dosing Indicator (depends on the model)
12. Auto Door Open Indicator (depends on the model)
13. Filter Cleaning Function Indicator (depends on the model)
14. IonGuard Function Indicator (depends on the model)
15. Delay Time / Programme Time Indicator
16. Delayed Start Indicator
17. End of Programme Indicator
18. Rinse Aid Indicator
19. Salt Indicator
20. Water Cut-off Indicator
21. Sound Settings Menu Indicator
22. Water Hardness Settings Menu Indicator
23. Control)
24. Bluetooth Indicator

On/Off Key

When you press the On/Off key, the indicator lights illuminate on the display for ON position. The lights turn off in OFF position.

Programme Selection / Programme Cancel key

Select the desired programme using the "programme selection keys" and press the button.
To cancel the running programme, open the door of the machine and press and hold the Programme Start/Pause/Cancel key for 3 seconds.
After the 3 - 2 - 1 countdown, 0:01 is displayed, close the door of the product and wait for the draining process complete. Draining is completed in 2 minutes and the machine gives an audible warning when it is completed.

Function Keys

If you press any of the Function keys during programme selection or time delay selection, an affirmative key signal will be heard provided that the relevant function is supported by the selected programme. Function will be deemed selected when the indicator of the selected function is lit.
To cancel the selected function, keep the function key pressed until the function indicator disappears.

Preparing the machine

1. Open the door of the dishwasher.
2. Place the dishes in accordance with the instructions in the user manual.
3. Make sure that the upper and lower impellers rotate freely.
4. Put adequate amount of detergent into the detergent dispenser.

Programme selection

1. Press the On/Off button to turn on your machine.
2. Check the Salt and Rinse Aid indicators and add salt and/or rinse aid if needed.
3. Refer to the table of "Programme data and average consumption values" to determine a washing programme suitable for your dishes.
4. Selected programme will start when you close the door of your machine.

Programme Data and Average Consumption Values Table									
Programme number	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Programme name	Auto	AquaFlex	Intensive	Eco *	GlassCare	Quick&Shine	Mini	Prewash	Downloaded Program
Cleaning temperature	40-65 °C	-	70 °C	50 °C	40 °C	60 °C	35 °C	-	-
Degree of Soiling	Determines the soiling degree of the dishes and sets the temperature and amount of the washing water as well as the washing time automatically. Suitable for all types of dishes.	It is the most suitable washing programme for daily mixed dishes including plastic items. While delicate glass items are washed in the upper basket, pans and trays can be washed in the lower basket.	Suitable for heavily soiled dishes, pots and pans.	Suitable for washing dishes with normal amount of soil. It is the most efficient program in terms of combined power and water consumption. This is used for assessing the compliance with EU's eco-design directive.	Special programme for gentle cleaning of delicate glassware.	Daily washing programme for normally soiled dishes in the fastest way.	Suitable for lightly soiled daily dishes that are scraped or pre-cleaned.	Suitable for removing the remnants on the soiled dishes that will be kept waiting in the machine for a few days, and thus, for preventing the bad odour buildup.	Please check the HomeWhiz app for programmes you can download through wireless connection.
	Medium to high	Medium	High	Medium	Low	Medium	Low	-	-
Prewash	+	+	+	+	+	-	-	+	-
Wash	+	+	+	+	+	+	+	-	-
Dry	+	+	+	+	+	+	-	-	-
Duration (min)	110-173	203	170	245	120	58	30	15	
Water (l)	9,4-12,4	19	16,8	9,5	13,6	10,6	10,8	4	
Energy (kWh)	0,90-1,45	1,53	1,51	0,84	1,20	1,18	0,80	-	

The consumption values shown in the table were determined under standard conditions. Differences may therefore occur under practical conditions. * Reference programme for testing institutes. The tests in accordance with EN 50242/60436 must be carried out with a full water softener salt dispenser and a full rinse aid reservoir, and using the test programme. **** It should be tested under a load of 12 place setting. Consumption values are measured under a standard load of 12 place setting.

Loading Capacity: 15

Auxiliary functions

Washing programmes of your dishwasher are designed to obtain the best cleaning effect, considering the type of the soiling, soiling degree and properties of the dishes to be washed.
Auxiliary functions allow you save from time, water and power.

	Auxiliary functions may cause changes in the programme duration.

	Auxiliary functions are not suitable for all washing programs. Indicator of the auxiliary function that is not compatible with the programme will not be active.

Super Rinse Function

Depending on the type of the detergent used, if a detergent dissolving issue is encountered it will remove the resulting stains from the dishes and enables the optimum rinsing performance.

Half Load function

It is used to operate the machine without loading it completely.

1. Load your dishes in the machine as you like.
2. Turn the machine on with On/Off key.
3. Select the desired programme and press the Half Load key.

While the function is active, the selection indicator on the selected function key will become on.

4. Close the door of the machine to start the programme.

	With the Half Load function you can save both water and power while using the lower and upper baskets of the machine.

TrayWash Function

Select Intensive 70°C programme and press function key to run this function.

SteamGloss Function

It provides superior drying performance.

Fast+ Function

It shortens the time of the washing cycle selected and decreases water consumption by enabling washing under higher pressure.

Floor illumination Warning to show that machine is in washing phase

(depends on the model)
Your machine reflects a light to the floor during the washing process. This light turns off after the washing process is complete.

	Floor illumination is activated automatically when the washing programme starts and remains lit until the end of the programme.

	Floor illumination cannot be cancelled by the user.

Functions in Settings Menu

(depends on the model)
Under the settings menu of your product, there are some additional functions that depend on the model.
To access these functions, press and hold the Menu key for 3 seconds. Press <- and +> keys to move to the desired function or setting.

	In some models pressing the Menu key only for once will allow you to enter the Settings menu.

Use the selection key to change the desired function or setting and switch off your machine to save the Settings.

Submenu Functions:
(depends on the model)
SelfDry Function Off/On



Tablet Detergent Function Off/On



EverClean Function Off/On



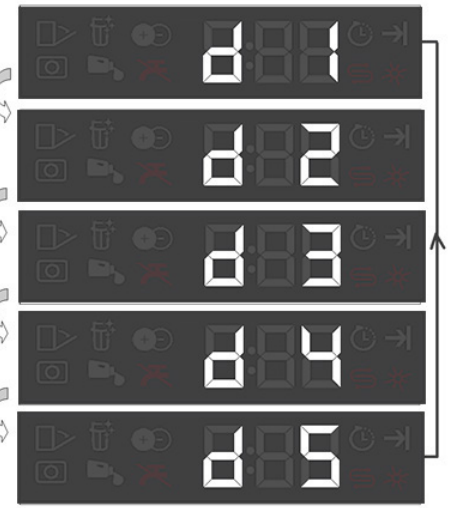
IonGuard Function Off/On



Automatic Liquid/Gel Detergent Function Off/On



Detergent use setting:
Level 1: 10 ml lower than the default value
Level 2: 5 ml lower than the default value
Level 3: Use the default liquid detergent amount determined by the program.
Level 4: 5 ml higher than the default value
Level 5: 10 ml higher than the default value



Changing Warning Sound Volume

1. After switching on your machine, press the Menu key for 3 seconds.

	In some models pressing the Menu key only for once will allow you to enter the Settings menu.

2. Press <- and +> keys to move to the "S:" position on the display.
3. Each pressing on the Selection key will change the warning sound volume as "S:0" off, "S:1" medium and "S:2" high.
4 Switch off the machine with the On/ Off key to save the changes.

Interior Lighting

(depends on the model)
Some models have interior lighting to illuminate the interior when the door is opened.

1. After switching on your machine, press the Settings Menu key for 3 seconds.

	In some models pressing the Menu key only for once will allow you to enter the Settings menu.

2. Press <- and +> keys to move to the "L:" position on the display. Select the position you want with the Selection key. Interior lighting is off in "L:0" position and on in "L:1" position.
3. Switch off the machine with the On/ Off key to save the changes.

Tablet detergent function

(depends on model)
Allows to obtain a better drying performance from the multi-purpose detergents called as all in one detergents such as 2in1, 3in1, 4in1, 5in1 and etc., depending on the hardness level of the tap water.

	If you have used the Tablet features during the last washing programme you used, Tablet function will remain active in the next washing programme you will select.

	Tablet Detergent function may cause change in the programme duration.

EverClean Filter

With this function, your micro filter will be cleaned by a special system at the end of washing cycle and it is made ready for use for the next usage of the machine. This cleaning process increases the cleaning period of the micro filter from 2 weeks to 3 months and thus boosts the washing performance. Employing this function in every washing cycle is recommended in order to get the most out of it.

Scheduling the washing time

Time Delay

If an economical electricity tariff is applied in your region, you can use the Time Delay function to wash your dishes during appropriate hours.
You can delay the start of the selected programme until 24 hours.

1. Press the Time Delay function key after selecting the washing programme and other auxiliary functions.
2. Once you press the Time Delay key, Display Information Line will show "0:30" and Time Delay indicator will start flashing.
3. Set the desired time by pressing the Time Delay key. Time will increase with increments of 30 minutes up to 6 hours and after that in 1 hour increments up to 24 hours every time you press the key.
4. Close the door of your machine after setting the Delayed Start. Once the delay time is over, the selected programme will start automatically.

Changing the settings while Time Delay function is active

While the Time Delay function is activated, you cannot make changes in the washing programme, auxiliary functions or the duration of delay time.

	Programme and auxiliary functions cannot be set/ changed after the programme has started.

To cancel the Time Delay function

Open the door of the product Press and hold the Programme Selection / Programme Cancel keys for 3 seconds. After the 3 - 2 - 1 countdown, 0:01 is displayed, close the door of the product and wait for the draining process complete. Draining is completed in 2 minutes and the machine gives an audible warning when it is completed.

	You can select and start a new programme following the cancellation of Time Delay function.

	Time Delay function cannot be set after the programme starts.

Starting the programme

Close the door of your machine to start it after selecting the programme and auxiliary functions.

	Your machine performs water softening depending on the hardness level of the supply water. Washing time can change while the programme is running depending on the ambient temperature where your machine is installed, temperature of the supply water and amount of the dishes.

	Pay attention not to open the door of the machine when it is running. There may be a rush of vapour when you open the door of your machine; be careful.

	The machine will remain silent in pause mode for some time in order to remove the water from the machine and on the dishes completely and to have the water softener cleaned, and then it will resume running in drying mode.

Cancelling the programme

Open the door of the product Press and hold the Programme Selection / Programme Cancel keys for 3 seconds. After the 3 - 2 - 1 countdown, 0:01 is displayed, close the door of the product and wait for the draining process complete. Draining is completed in 2 minutes and the machine gives an audible warning when it is completed.

There might be residues of detergent or rinse aid in the machine and/or on the pieces being washed depending on the step the programme you have cancelled was in.

Salt indicator (⥲)

Please check the salt indicator on the display to see whether there is adequate amount of softening salt in the dishwasher or not. You need to refill the salt reservoir with salt whenever salt indicator appears on the display of your machine.

Adjusting the water hardness level is explained in Water Softening System section.

Rinse Aid indicator (✳)

Please check the rinse aid indicator on the display to see whether there is adequate amount of rinse aid in the dishwasher or not. You need to refill the rinse aid reservoir with rinse aid whenever rinse aid indicator appears on the display of your machine.

Adjusting the amount of rinse aid

1. After switching on your machine, press the Menu key for 3 second.

Some models require pressing Menu key once to enter settings menu.

2. Using <- and +> keys, proceed to "P:" on the display.
3. Set to the appropriate level with the Selection key.
4. Press On / Off key to save the setting.

No rinse aid dispensed in P:0 wash position.

1 dose of rinse aid is dispensed in P:1 position.
2 doses of rinse aid are dispensed in P:2 position.
3 doses of rinse aid are dispensed in P:3 position.
4 doses of rinse aid are dispensed in P:4 position.

End of programme

When the programme you have selected comes to an end, an audible warning signal will warn you to turn off your machine. This audible signal will warn you with certain intervals before it turns off.

End of Programme indicator will light up when the washing programme is over.

1. Open the door of the machine.
2. Press On/Off key to turn off your machine.
3. Close the tap.
4. Unplug the machine from the socket.

For energy saving, the machine is automatically turned off following the completion of the programme or if the programme is not started.

Leave your dishes in the machine for about 15 minutes to allow them cool down after they are washed. Your dishes will dry in a shorter time if you leave the door of your machine ajar during this period. This process will increase the drying effectiveness of your machine.

Water cut-off warning

If mains water is cut or water inlet tap is turned off the machine cannot take water in and E:02 icon will flash on the programme indicator. As long as the problem continues, washing programme is paused and the water inlet is checked regularly by the machine; when the water is restored E:02 icon will disappear after a while and the washing programme resumes.

Overflowing warning

If the machine intakes too much water or there is leakage at any of the components then the machine will detect this and E:01 icon will flash on the Programme indicator. As long as the overflowing continues safety algorithm will be active and try to discharge the water. If overflowing stops and safety is assured, E:01 icon will disappear. If E:01 does not disappear, there is a permanent fault. In this case the authorised service should be contacted.

HomeWhiz and Remote Control Function

HomeWhiz allows you to use your smart device to control the dishwasher and get information about its status. Thanks to the HomeWhiz application, you can use your smart device to carry out various processes on the dishwasher. Moreover, there are some features that can only be used with the HomeWhiz function.

To use the Bluetooth function of your dishwasher, you need to visit the application store of your smart device to install the HomeWhiz application.

Make sure that your smart device is connected to the internet to install the application.

If you are using the app for the first time, please follow the on-screen instructions to complete the user registration.

Once you've completed the registration, you can use all HomeWhiz-supported appliances in your house through this account.

In the HomeWhiz app, you can tap "Add/ Remove Appliance" to see the products paired with your account. You can perform the user pairing processes of these appliances on this page.

After installing the application, the HomeWhiz function will enable your dishwasher to send you push notifications through your smart device.

Your product will run once it is paired with your smart device through Bluetooth. Checks performed on the application will be enabled through this pairing. For this reason, the Bluetooth signal between the product and the smart device must be strong enough.

WARNING: All safety measures in the "Important instructions for safety and environment" section of the user manual are also applicable for using the product remotely via the HomeWhiz function.

Installing HomeWhiz

For the application to work, there should be a connection between your device and the HomeWhiz application. To ensure that this connection is established, follow the steps below

for installation on your product and the HomeWhiz application.

- If you are adding an appliance for the first time, tap "Add/Remove Appliance" in the HomeWhiz application. After this step, tap "Tap here to setup new appliance". Follow the steps below as well as the instructions in the HomeWhiz App to complete the process.
- To start the installation, make sure that your dishwasher is off. Press and hold the On/Off and Bluetooth function keys simultaneously for three seconds to switch the dishwasher to HomeWhiz installation mode.
- When the appliance is in the HomeWhiz installation mode, you will see an animated image on the display, and the Bluetooth icon will flash until your dishwasher is paired with the smart device. In this mode, only the On/Off key will be enabled. All other keys will be disabled.
- On the screen in the application, select the desired dishwasher and tap Next.
- Follow the on-screen instructions until the HomeWhiz application prompts you to select the product you wish to connect to.

- If your dishwasher is successfully paired with the device, the display will turn on automatically. The Bluetooth icon will light steadily and you will hear a melody coming from the device, indicating that the installation process has been successful.
- Return to the HomeWhiz app and wait until the installation is complete. Once it is complete, name your dishwasher. Now, you can tap the display to see the product you have added to the HomeWhiz Application.

	If you cannot carry out the installation successfully within five minutes, the dishwasher will turn off automatically. In this case, you will have to start over the installation process. If the problem persists, please contact the Authorised Service Provider.

	WARNING: To install the HomeWhiz App, your smart device must be connected to internet. Otherwise, the HomeWhiz app will not let you complete the installation process successfully. If you are having a problem with your internet connection, please contact your internet service provider.

	The HomeWhiz application may ask you to enter the product number stated on the product label. You can find the product number on the type label of the dishwasher.

Installation of a dishwasher connected to someone else's account

If the dishwasher you want to use has been registered in the system with someone else's account before, you will need to establish a new connection between the HomeWhiz application and the device.

- Install the HomeWhiz application on the new smart device you wish to use.
- Create a new account on the HomeWhiz application and sign in with it.
- Follow the steps in the HomeWhiz Installation section to complete the installation process.

	Since the HomeWhiz and Remote Control functions of your product only work with the pairing method through the Bluetooth technology, your product can be run by only one HomeWhiz application at a time.

	WARNING: Only one smart device can be paired with the dishwasher. If you want to pair it with another smart device, you will have to remove the previous pairing. After that, you can carry out the installation process with the new device.

Using the Remote Control function

After the installation of the HomeWhiz app, Bluetooth will be enabled automatically. If you turn your dishwasher off while the Bluetooth is enabled, it will reconnect automatically when the dishwasher is turned on again. If the paired device goes out of the range, Bluetooth connection will turn off automatically. For this reason, you

will need to re-enable Bluetooth if you want to use the Remote Control function.
You can check the Bluetooth symbol on the screen to watch the status connection. If the symbol is steadily on, that means you have Bluetooth connection. If the symbol is flashing, the product is trying to connect.
If the symbol is off, that means you have no connection.

⚠	WARNING: If the Bluetooth connection is enabled on your product, the Remote Control function can be selected. If the Remote Control function cannot be selected, check the connection status. If connection cannot be established, repeat the initial installation steps.

If you want to control your dishwasher remotely, you should press the Bluetooth function key on the control panel of your dishwasher to activate it.
When the product is accessed, you will see a screen similar to the one below.



While remote control is
active, from the dishwasher, you can only manage and switch off the dishwasher and follow up its status. On the application, you can carry out all procedures except for child lock.
You can check if the Remote Control function is enabled or disabled by checking the function indicator located on the key.
If the Remote Control function is disabled, you can carry out all procedures on the dishwasher; you can use the application only to follow the status of the machine.
If the Remote Start function cannot ne enabled, you will hear a warning upon pressing the key. This might occur for example if the device is on and there is no device paired with Bluetooth. E.g. when the Bluetooth is
disabled or the product's door is open.
When you enable this function on the dishwasher, said function will remain enabled except for certain cases and allow you to control your dishwasher via Bluetooth. When the Bluetooth function is disabled:

- When your dishwasher has no power.
- When a different program is selected, the product is turned off or its door is opened.

ⓘ	Software updates downloaded on mobile devices through the application software are installed securely through Bluetooth upon user approval.
ⓘ	Your Bluetooth-supported product has information regarding the user cycle, and it keeps this information in a safe environment to offer good service.
ⓘ	Just follow the instructions below to use the product: - Install the HomeWhiz app on your mobile device. - Enable Bluetooth on your mobile device. - Enable Bluetooth on your dishwasher. - Register your dishwasher in the app.

Troubleshooting

If you are having a problem with controlling or connection, please follow the steps below. After applying a step, check if the problem persists. If the problem persists, follow the steps below.

- Check if your smart device is connected to the relevant home network.
- Re-start the product application.
- Disable and enable Bluetooth on the user control panel.
- If the connection cannot be established following the instructions above, repeat the initial setup settings on the appliance.

If the problem persists, contact the authorised service.

Changing the Downloaded Program

You can use the HomeWhiz application to change the Downloaded Programme, which is the last program on the product.
You can check the Table of Program Data and Average Consumption Values to see what the downloaded programs might be and the default Downloaded Program.

To change the Downloaded Program:

- Connect to your product on the HomeWhiz application.
- Turn on the Remote Control function for the product.
- Go to the settings page of the product on the HomeWhiz application.
- On the settings page of the product, proceed to the Download Program page.
- On the Download Program page, select a program to download on your product.
- Select the desired program on the Download Program page, and press Download Program on the HomeWhiz application.
- While the program is being downloaded, you will see an animation on the program and HomeWhiz application.
- Once the download procedure is complete, you can select and install the Downloaded Program on the product or the HomeWhiz application.

	You can check the Table of Program Data and Average Consumption values to see the programs you can download on your product.

	If you download another program on the product, your previous selection will be cancelled.

	You can download as many programs as you wish on the product, and change the Downloaded Program whenever you want. You just need to make sure that your smart device and product are connected to the internet and the Remote Control function of the product is turned on.

7 Maintenance and cleaning

Service life of the product extends and frequently faced problems decrease if it is cleaned at regular intervals.

	Unplug the product and turn off the tap before attempting any cleaning procedures.
	Do not use abrasive substances for cleaning.
	Clean the filter and impellers at least once a week in order for the machine operates efficiently.

Cleaning the outer surface of the product

Wipe the outer surface and door gaskets of the product gently with a mild cleaning material and damp cloth. Wipe the "Control panel" only with a slightly damp cloth.

Cleaning the interior of the machine

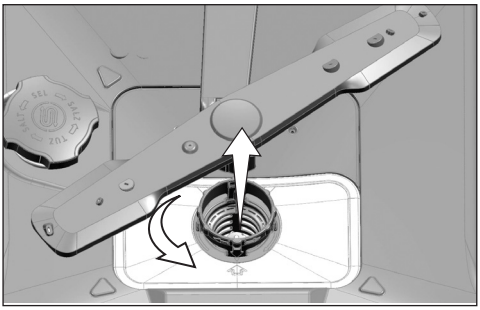
- Clean the interior of the machine and the tank by running a programme with or without detergent based on the degree of soil.
- If water has remained in the machine, drain the water by performing the procedures under the topic "Canceling a programme". If the water cannot be discharged, remove the filters as specified in the "Cleaning the filters" section and check if there are any leftover deposits that have accumulated at the bottom of the machine, blocking the water path. Clean if necessary.

Cleaning the filters

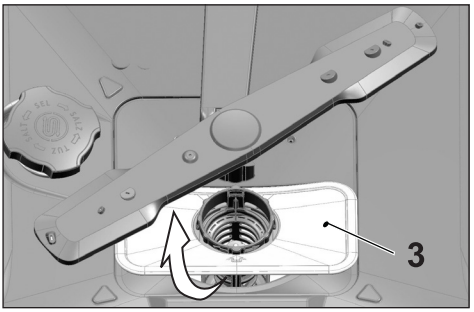
Clean the filters at least once every three months in order for the machine operates efficiently. Check if food residues are left on the filters. If there are food residues on filters, take them out and clean well under running water.

	Filter cleanliness is increased by 80% with the micro filter cleaning system available on your machine.

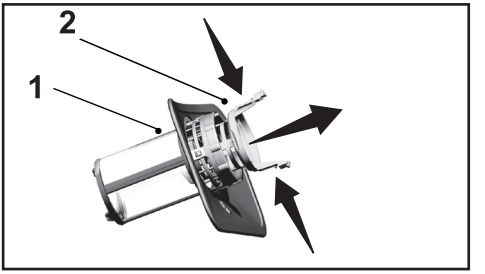
1. Turn the micro filter (1) and coarse filter (2) assembly counter clockwise and pull it out from its seating.



2. Press the two pawls on the coarse filter inwards and separate the coarse filter from the assembly.

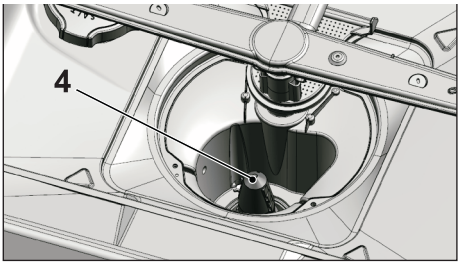


3. Pull out the metal/plastic filter (3) from the seating.



4. Clean all three filters under tap water by means of a brush.

⚠	Do not remove the micro filter cleaning mechanism (4) for cleaning.



5. Place the metal/plastic filter.
6. Place the coarse filter into the micro filter. Make sure that it is properly seated. Turn the coarse filter clockwise until a "click" sound is heard.

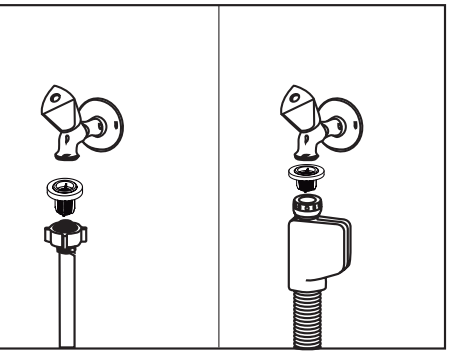
ⓘ	Do not use the dishwasher without filter.
ⓘ	Incorrect placement of the filters will reduce washing efficiency.

Cleaning the hose filter

Damages on the machine that may be caused by impurities coming from the urban supply water or your own water installation (such as sand, dirt, rust, etc.) can be prevented by means of the filter attached to the water inlet hose. Check the filter and the hose regularly and clean them if necessary.

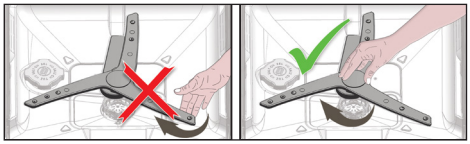
1. Turn off the tap and remove the hose.
2. After taking out the filter, clean it under running tap water.
3. Place the cleaned filter back to its seat in the hose.
4. Install the hose to tap.

(depends on model)



Cleaning the impellers

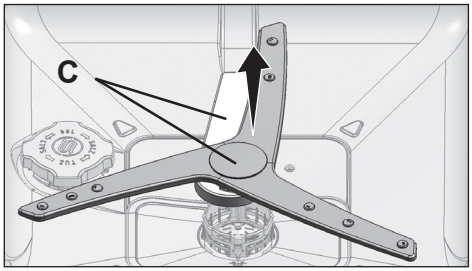
Clean the impellers for the machine to work efficiently.



Do not try to rotate the impeller by holding its ends. Trying to rotate the end sections may cause the gear system within the impeller to break.

Lower impeller assembly

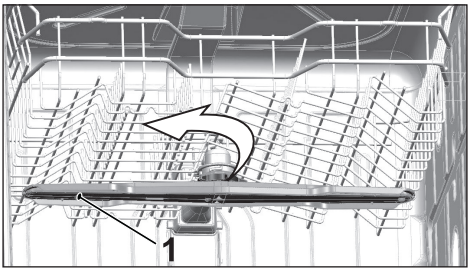
If the washing performance decreases, check if the holes on the lower impeller assembly are clogged. If they are clogged, remove and clean the impeller assembly.

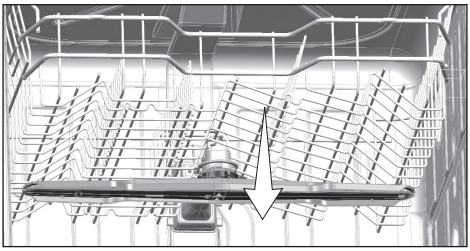


To remove and clean the lower impeller assembly together, hold by one hand from the (C) points shown in the figure and pull up to remove. After cleaning, follow these steps in reverse order to reinstall the impeller assembly.

Upper impeller

Check if the holes on the upper impeller (1) are clogged. If they are clogged, remove and clean the impeller. Turn its nut to left to remove the upper impeller.
Make sure that the nut is tightened well when installing the upper impeller.





8 Troubleshooting

Machine does not start.

- Power cable is unplugged. > > > Check if the power cable is plugged in.
- Fuse is blown. > > > Check the fuses in your house.
- Water is cut. > > > Make sure that the water inlet tap is open.
- Door of the machine is open. > > > Make sure that you have closed the door of the machine.
- On / Off button is not pressed. > > > Make sure that you have turned on the machine by pressing the On / Off button.

Dishes are not washed clean

- Dishes are not placed orderly in the machine. > > > Load the dishes as described in the user manual.
- Selected programme is unsuitable. > > > Select a programme with a higher temperature and cycle time.
- Impellers are stuck. > > > Prior to starting the programme, turn the lower and upper impellers by hand to make sure that they rotate freely.
- Impeller holes are clogged. > > > Lower and upper impeller holes might be clogged with food remnants such as lemon pips. Clean the impellers regularly as illustrated in section "Cleaning and Care".
- Filters are clogged. > > > Check if the filter system is clean. Clean the filter system regularly as illustrated in section "Cleaning and Care".
- Filters are installed incorrectly. > > > Check the filter system and make sure that it is installed correctly.
- Baskets are overloaded. > > > Do not overload the baskets in excess of their capacity.
- Detergent is stored under unsuitable conditions. > > > If you are using powder detergent, do not store the detergent package in humid places. Keep it in a closed container if possible. For ease-of-storing, we recommend you to use tablet detergents.
- Detergent is not sufficient. > > > If you are using powder detergent, adjust the amount of detergent according to the soiling degree of your dishes and/or programme definitions. We recommend you to use tablet detergents for optimum results.
- Rinse aid is not sufficient. > > > Check the rinse aid indicator and add rinse aid if necessary. Increase the rinse aid setting if there is enough amount of rinse aid in the machine.
- Detergent dispenser lid is left open. > > > Make sure that the detergent dispenser lid is closed tightly after adding detergent.

Dishes are not dry at the end of cycle

- Dishes are not placed orderly in the machine. > > > Place your dishes in a way that no water will accumulate in them.

- Rinse aid is not sufficient. >>> Check the rinse aid indicator and add rinse aid if necessary. Increase the rinse aid setting if there is enough amount of rinse aid in the machine.
- Machine is unloaded right after the programme is over. >>> Do not unload your machine right after washing process is completed. Slightly open the door and wait for evacuation of the steam inside for a while. Unload the dishes after the pieces cool down to a touchable level. Start unloading process from the lower basket. Thus, dropping of water remained on a piece at upper basket onto the pieces at lower basket is prevented.
- Selected programme is unsuitable. >>> Since rinsing temperature is low at programmes with short duration, drying performance will also be low. Select programmes with longer duration for a higher drying performance.
- Surface quality of the kitchen utensils is deteriorated. >>> Desired washing performance can not be obtained on kitchen utensils with deteriorated surfaces and it is not suitable to use such utensils in terms of hygiene as well. Also, water can not flow easily on deteriorated surfaces. It is not recommended to wash such kitchen utensils in dishwasher.



It is normal that drying complaints can be experienced with Teflon kitchen utensils. It is associated with the structure of Teflon. Since the surface tensions of Teflon and water are different, water droplets will remain as beads on the Teflon surface.

Tea, coffee or lipstick stains remain on dishes.

- Selected programme is unsuitable. >>> Select a programme with a higher temperature and cycle time.
- Surface quality of the kitchen utensils is deteriorated. >>> Tea and coffee stains or other dye spots may not be cleaned in dishwasher when they have penetrated in deteriorated surfaces. Desired washing performance can not be obtained on kitchen utensils with deteriorated surfaces and it is not suitable to use such utensils in terms of hygiene as well. It is not recommended to wash such kitchen utensils in dishwasher.
- Detergent is stored under unsuitable conditions. >>> If you are using powder detergent, do not store the detergent package in humid places. Keep it in a closed container if possible. For ease-of-storing, we recommend you to use tablet detergents.

Lime traces remain on dishes and glassware gains a misty appearance

- Rinse aid is not sufficient. >>> Check the rinse aid indicator and add rinse aid if necessary. Increase the rinse aid setting if there is enough amount of rinse aid in the machine.
- Water hardness setting is low or salt level is insufficient >>> Measure the hardness of the supply water appropriately and check the water hardness setting.
- Salt leakage exists. >>> Pay attention not to spill salt around the salt filling hole while adding salt. Make sure that the salt reservoir lid is tightly closed after finishing

the filling process. Run the prewash programme to remove the salt that spilled inside the machine. Since the salt granules that will remain under the lid will dissolve during prewash, causing the lid loosen, check the lid once again at the end of the programme.

There is a different odour in the machine



A new machine has a peculiar odour. It will fade out after a couple of washes.

- Filters are clogged. > > > Check if the filter system is clean. Clean the filter system regularly as illustrated in section "Cleaning and Care".
- Dirty dishes are kept in dishwasher for 2-3 days. > > > If you are not going to start the machine right after you have put the dishes into it, remove the remnants on the dishes and run the Prewash programme without detergent every 2 days. In such cases, do not close the door of the machine completely in order to avoid odour build up in machine. You can also use commercially available odour removers or machine cleaners.

Rust, discoloration or surface deterioration occurs on dishes

- Salt leakage exists. > > > Salt may cause deterioration and oxidation on metal surfaces. Pay attention not to spill salt around the salt filling hole while adding salt. Make sure that the salt reservoir lid is tightly closed after finishing the filling process. Run the prewash programme to remove the salt that spilled inside the machine. Since the salt granules that will remain under the lid will dissolve during prewash, causing the lid loosen, check the lid once again at the end of the programme.
- Salty food remnants have remained on dishes for a long time. > > > If cutlery soiled with such foods will be kept waiting in machine, dirt must be removed by prewash or dishes must be washed without being kept waiting.
- Electric installation is not grounded. > > > Check if your machine is connected to the actual grounding line. Otherwise, the static electric created in the product causes arcs on the surfaces of metal items creating pores, removing the protective cover on the surface and causing discoloration.
- Intensive cleansers such as bleaches are used. > > > Protective cover on metal surfaces gets damaged and looses its efficiency in time when it gets in contact with cleansers such as bleach. Do not wash your dishes with bleach.
- Metal items particularly knives are used for purposes other then their intended uses. > > > Protective cover on the edges of knives may get damaged when they are used for purposes such as opening cans. Do not use metal kitchen utensils out of their intended uses.
- Cutlery are made of low quality stainless steel. > > > Corrosion on such items is inevitable; they should not be washed in dishwashers.
- Kitchen utensils that are already corroded are washed in dishwasher. > > > Rust on a corroded item can migrate to other stainless steel surfaces and cause corrosion on those surfaces as well. Such items should not be washed in dishwashers.

Detergent remains in detergent dispenser.

- Detergent dispenser was damp when adding detergent. > > > Make sure that the detergent dispenser is dried well prior to filling it with detergent.
- Detergent is added long before the washing process. > > > Pay attention to add detergent shortly before start-up of the washing.
- Opening of the detergent dispenser lid is prevented during washing. > > > Place the dishes in a way that will not prevent the detergent dispenser lid from opening and the water going into the machine from impellers.
- Detergent is stored under unsuitable conditions. > > > If you are using powder detergent, do not store the detergent package in humid places. Keep it in a closed container if possible. For ease-of-storing, we recommend you to use tablet detergents.
- Impeller holes are clogged. > > > Lower and upper impeller holes might be clogged with food remnants such as lemon pips. Clean the impellers regularly as illustrated in section "Cleaning and Care".

Decorations and ornaments on kitchen utensils are being erased.



Decorated glasses and decorated lustre porcelains are not suitable for washing in the dishwasher. Manufacturers of some glassware and porcelain tableware items do not recommend washing such kitchen utensils in the dishwashers either.

Dishes are scratched.



Kitchen utensils that contains or are made of aluminium should not be washed in dishwasher.

- Salt leakage exists. > > > Pay attention not to spill salt around the salt filling hole while adding salt. Spilled salt can cause scratches. Make sure that the salt reservoir lid is tightly closed after finishing the filling process. Run the prewash programme to remove the salt that spilled inside the machine. Since the salt granules that will remain under the lid will dissolve during prewash, causing the lid loosen, check the lid once again at the end of the programme.
- Water hardness setting is low or salt level is insufficient > > > Measure the hardness of the supply water appropriately and check the water hardness setting.
- Dishes are not placed orderly in the machine. > > > When placing the glasses and other glassware into the basket lean them not against other dishes but the edges or racks of the basket or the glass support tines. Striking of the glasses to each other or to other dishes due to the impact of water during washing can cause breaks, or scratches on their surfaces.

A smear remains on glasses that resembles milk stain which can not be removed when wiped by hand. A bluish / rainbow appearance occurs when the glass is pointed to light.

- Excessive rinse aid is used. > > >Lower rinse aid setting. Clean the spilled rinse aid when adding rinse aid.
- Corrosion has occurred on glass due to soft water. > > > Measure the hardness of the supply water appropriately and check the water hardness setting. If your supply water is soft (<5 dH), do not use salt. Choose programmes that wash in higher temperatures (e.g. 60-65°C). You can also use glass protective detergents that are commercially available.

Foam forms in the machine.

- Dishes are washed with hand-wash detergent by hand but not rinsed before placing them into the machine. > > > Hand-wash detergents do not contain antifoam. There is no need to hand-wash the dishes before placing them into the machine. Removing the coarse soil on the dishes under tap water, with a tissue paper or fork will be sufficient.
- Rinse aid has spilled into the machine when adding rinse aid. > > > Take care that rinse aid is not spilled in the machine when you are filling it. Clean any spilled rinse ait with the help of a tissue paper/towel.
- Lid of the rinse aid reservoir is left open. > > > Make sure that the lid of the rinse aid reservoir is closed after adding rinse aid.

Kitchen utensils are broken.

- Dishes are not placed orderly in the machine. > > > Load the dishes as described in the user manual.
- Baskets are overloaded. > > > Do not overload the baskets in excess of their capacity.

Water remains in the dishwasher at the end of the programme.

- Filters are clogged. > > > Check if the filter system is clean. Clean the filter system regularly as illustrated in section "Cleaning and Care".
- Discharge hose is clogged/blocked. > > > Check the discharge hose. If necessary, remove the discharge hose, clear the blockage and insert is as illustrated in the user manual.

If you cannot eliminate the problem although you follow the instructions in this section, consult your dealer or the Authorised Service Agent. Never try to repair a nonfunctional product yourself.