



Dishwasher

Manual



BDFN...
DFN...



Dear Customer,

Please read this user manual before using the product.

Thank you for choosing this Beko product. We hope you will get the best results with our product which is made with advanced technology and premium quality materials. We therefore recommend that you read this manual and all the other documents supplied carefully before using this product.

Be sure to follow the guidelines and instructions in the user manual. So you can protect yourself and your product from potential dangers.

Please keep this user manual. If you give the product to someone else, remember to also give them the user manual.

The following symbols are used in the user manual and on the packaging:



Danger that can lead to injury or even death.

OPINION Danger that may lead to damage to the product or its environment.



Important information or useful tips for use



Please read this user manual.

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1- Safety instructions

- This section contains safety instructions that help guard against the risk of personal injury or property damage.
- Our company is not responsible for any damage that may occur when these instructions are not followed.

 Installation and repair procedures should always be performed by the manufacturer, an authorized service agent, or a qualified person specified by the importer.

 Use only original parts and accessories.

 Do not repair or replace any part of the product unless expressly specified in the user manual.

 Don't bring any technical modification to the product.

Intended use

 This product is designed for use in homes and indoor locations. For example :

- staff kitchen area in shops, offices or other working environments;
- country houses;
- areas used by customers in hotels, motels and other types of accommodation;

- bed type hotels and breakfast", boarding houses.

 This product should only be used for household type dishes.

 This product is not suitable for commercial or collective use.

- The service life of your product is 11 years. During this period, original spare parts will be available for ensure the proper functioning of the device.

Safety of children, vulnerable people and pets

 This device can be used by children aged 8 and over and by people with disabilities. reduced physical, sensory or mental capacity or lack of experience or knowledge, if they are properly supervised or if instructions relating to the safe use of the device have been given to them and if the risks incurred have been apprehended. Children should not play with the device. Cleaning and maintenance by the user must not be carried out by

children without supervision.

-  Children under 3 years of age should be kept away from the product unless continuously supervised.
-  Electrical appliances are dangerous for children and pets. Children and pets should not play with the product, climb on it, or enter inside.
-  Remember to close the product door when leaving the room it is in. Children and pets can become trapped inside the product and suffocate.
-  Cleaning and maintenance work should not be carried out by children unless supervised by someone.
-  Keep packaging materials out of reach of children. There is a risk of injury and suffocation.
-  Keep all detergents and additives used with the product carefully, out of reach of children.
-  For child safety, cut the power cable and break the locking mechanism so that it

is unusable before disposing of the device.

Electrical Safety

-  The product must be unplugged during installation, maintenance, service, repair and relocation procedures.
-  If the supply cable is damaged, it must be replaced by a qualified person appointed by the manufacturer, an authorized service agent or the importer in order to avoid any potential danger.
-  Do not trap the power cable under or behind the product. Do not place heavy objects on the power cable. The electric cable must not be bent excessively, pinched or come into contact with a heat source.
-  Do not use extension cords, multiple sockets or adapters to operate the product.
-  The socket must be easily accessible. If this is not possible, the electrical installation to which the product is connected must contain a device that complies with electrical regulations and can disconnect all poles from the network.
-  Do not touch the plug with wet hands.

-  Remove the plug from the socket by grasping the plug, not the cable.

Transport security

-  Before transporting the product, unplug it and disconnect its drain and water supply fittings.

Completely drain the water remaining in the appliance.

-  The product is heavy, do not move it alone.

REMARK Avoid moving the appliance by holding it by the door or by the control panel.

REMARK If you need to move the device, place it in an upright position and hold it by the sides. Tilting the product forward may wet its electronic components and damage them.

REMARK Take care that the pipes are not bent, compressed or crushed when placing the product in its place after the installation or cleaning procedures.

Facility Security

- Before installing the appliance, review the information contained in the user's manual and the installation instructions and make sure that the electrical, water supply and

evacuation are appropriate. If it's not the case, contact a qualified technician and plumber to have the necessary arrangements made. These procedures are the responsibility of the customer.

- Before proceeding with the installation, check whether the product has any defects. If the product is damaged, do not have it installed.
- Do not install the product in environments where the temperature is below 0 °C.

-  Do not place the product on carpets or similar surfaces. This can cause a fire hazard as the product will not be vented from below.

-  Place the product on a clean, flat and solid surface and balance it using the adjustable feet. If the feet are not correctly adjusted, the door will not be completely closed and hot steam will escape from the appliance. This could cause serious burns and injuries, and damage your furniture.

-  Do not install the product near heat sources (heating, stove, etc.) or under the cooking zone of a hob.

- If the product is to be placed inside a cabinet/cupboard/module, be sure keep the cabinet/cupboard/module doors open during the operation in cases where there are no openings to ensure sufficient air circulation.

 Plug the product into a grounded power outlet, protected by a fuse whose current ratings comply with the product nameplate. Have a qualified electrician perform the grounding installation. Do not use the product unless it is properly grounded in accordance with local/national regulations.

 Connect the product to an outlet that complies with the voltage and frequency values indicated on the plate product signage.

 Do not plug the product into outlets that are loose, dislocated, broken, dirty, greasy, or likely to come in contact with water, such as locations where water may leak from the plan of work.

REMARK You have to use the new hose set supplied with the product. Do not reuse the old hose set. Do not add an extension to the pipes.

REMARK plug it in water inlet hose directly to the water tap. The pressure from the valve should be 0.03 MPa (0.3 bar) minimum and 1 MPa (10 bar) minimum. maximum. If the water pressure is higher than 1 MPa (10 bar), a pressure relief valve must be fixed in the middle.

 Route the electrical cable and hoses so that they cannot trip over anyone.

Operational safety

- Only dishwasher-safe detergents, rinse aids and additives can be used.

 Never use chemical solvents inside the device. They carry a risk of explosion.

 The washing water contained in the product is not potable.

 Dishwasher detergents have a high alkali content and can be very dangerous when ingested. Avoid letting them come into contact with the skin and eyes and hold them

children away from the product when its door is open. Make sure the detergent tank is empty after each end of the wash cycle.

-  When you shoot the upper and lower baskets completely, the appliance door supports the entire weight of the baskets. Do not put other loads on the door, otherwise the appliance may tip over.

-  The maximum washing capacity of the product is indicated in the section titled "**Technical specifications**".

-  To avoid possible injury, always place sharp and pointed cutlery, such as forks or bread saws upside down with their tips pointing down or horizontal in the basket. Covered.

-  Open the product door carefully if you must do so while the product is running. Be careful of hot steam that may escape or hot water that may spill out.

-  Do not start the product if it is broken or damaged. Unplug the product (or switch off the fuse to which it is connected), close the tap

water and contact the authorized service agent.

-  Do not place flame sources (lit candles, cigarettes, etc.) on or near the product. Do not keep combustible/flammable substances near the product.

-  Do not climb on the product.
 - Unplug the product and turn off the tap if you are not using the product for a long time.

Maintenance and cleaning safety

-  Do not wash the device by spraying or pouring water on it.
-  Do not use sharp or abrasive tools to clean the product. Do not use household cleaners, detergent, gas, gasoline, thinner, alcohol, varnish, etc.

REMARK do not forget replace the product filter after cleaning it. Otherwise, the pumps will clog and the product will be damaged.

Inside lighting

-  Depending on your product model, contact the authorized service agent when it is time to change the LED/bulb used for lighting.

2- Instructions environmental

Compliance with the WEEE Directive and disposal of waste from the device

This product complies with the European Parliament WEEE Directive (2012/19/EU).

This product bears a classification symbol for Waste Electrical and Electronic Equipment (WEEE).



This symbol indicates that this product must not be disposed of with other waste household at the end of its life. The

used appliances must be returned to the official collection point for the recycling of electrical appliances and electronics. To find out where to find these collection systems, please contact the local authorities or the retailer where the product was purchased. Each household plays an important role in the recovery and recycling of obsolete appliances. Proper disposal of used appliances helps prevent Negative consequences potential for the environment and human health.

Compliance with the RoHS Directive

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

Description of conditioning



The product packaging is made from recyclable materials,

In accordance with our National environmental regulations. Don't throw away the items packaging with household waste and other waste. Drop them off at one of the item collection points

of packing which will be indicated to you by the local authority of which you depend.

Notes for survey establishments:

Data required for performance testing can be provided upon request. Requests can be sent to the following address:

dishwasher@standardloading.com

Do not forget to indicate the code, stock and serial numbers of the product to be tested in your email, as well as your contact details. Product code, stock and serial numbers are provided on the label affixed to the side of the door. **Compliance with standards and test data / EC declaration of conformity**

CE The stages of design, production and sale of this product are in compliance with the safety rules of all European Union regulations.
2014/35/EU, 2014/30/EU, 93/68/EC, IEC 60436 / EN 60436

i You can find the model information as it is registered in the product database on the following website by searching for your model identifier (*) found on the energy label.

<https://eprel.ec.europa.eu/>



XXXXXXXXXX (*)



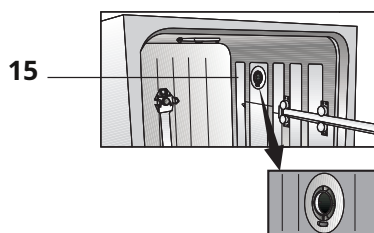
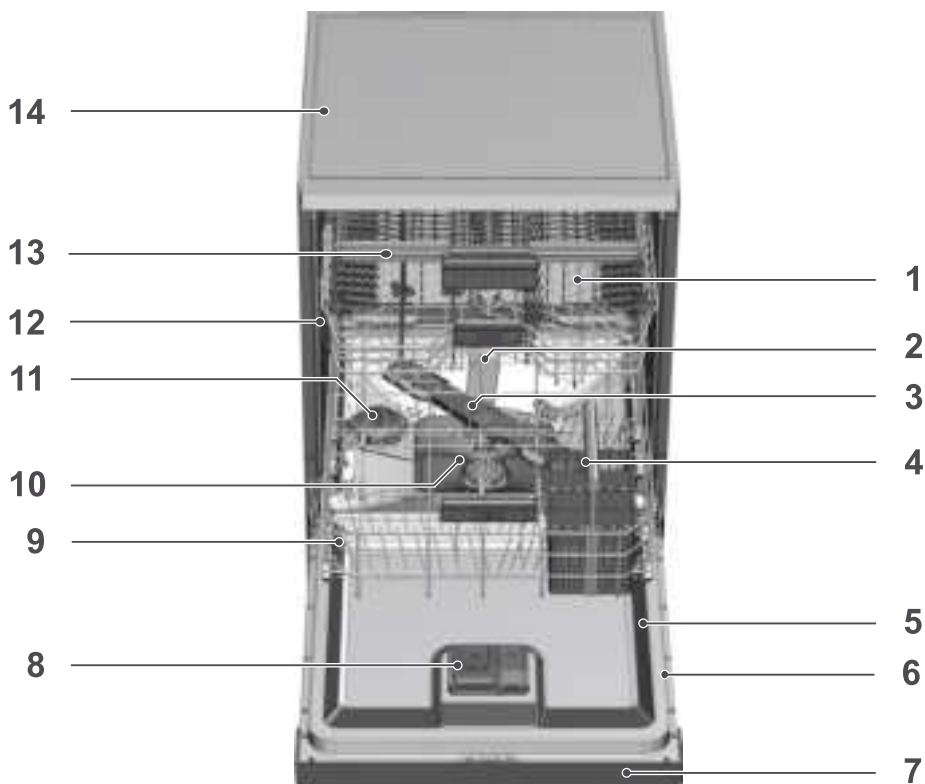
Technical specifications

Maximum washing capacity (check the energy label and the table of program data and average consumption values in the quick guide.)
Height (check installation document for installation)
Width: 60
Depth: 57
Power input: 220-240V, 50 Hz *
Total power 1800-2100W*
Thermal power: 1,800 W*
Total current: 10A*
Pump power: 90 - 125 W *
Drain pump power: 30 W *
* For detailed electrical values see plate signage on the door of the machine.
Water pressure 0.3 -10 bar (= 3 – 100 N/cm ² = 0.03-1.0 Mpa)

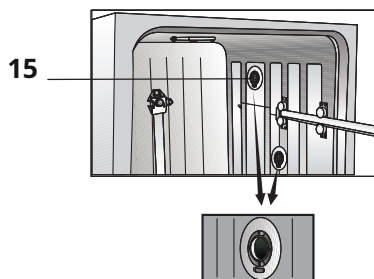
- i** Technical specifications are subject to change without notice, for the purpose of improving product quality.
- i** The diagrams presented in this manual are indicative and may not correspond exactly to your product.
- i** The values presented on the product labels or in the documentation supplied with the product, have been obtained in the laboratory by applying the corresponding standards. These values may vary depending on usage and environmental conditions of the product.

3- Your dishwasher

Presentation



1. Upper basket
2. Upper spray arm
3. Lower spray arm
4. Cutlery basket (varies by model)
5. Door
6. Rating label
7. Control panel.
8. Detergent dispenser
9. Lower basket



10. Filters
11. Salt reservoir cover
12. Upper rack rail
13. Upper cutlery basket (varies by model)
14. Tabletop (varies by model)
15. Ventilation drying system (depending on the model)

4- Installation

 First of all, read the section

" Safety instructions " !

Installation procedures should always be performed by the manufacturer, an authorized service agent or a qualified person specified by the importer. To make your machine ready for use, please check that the electricity, drainage and water supply system are adequate before calling an authorized service. If not, contact a qualified technician and plumber to have the arrangements

necessary are taken.

 The preparation of the location as well as the electrical, water tap and waste water installations at the installation site are the responsibility of the customer.

 The installation and electrical connections of the appliance must be carried out by the authorized service agent. The manufacturer will not be held liable for damage resulting from processes carried out by unauthorized persons.

 Before proceeding with the installation, check whether the product has any defects. If the product is damaged, do not have it installed. Damaged products pose risks to your safety.

 Check that the water inlet and drain hoses are not kinked, pinched, or crushed when replacing the product after installation or cleaning procedures.

 The front of the unit cannot be removed on freestanding models or under countertops. In such a case, the warranty will be void.

When placing the appliance, be careful not to damage the floor, walls, piping, etc. Avoid moving the appliance by holding it by the door or the panel.

Suitable installation location

 In the area where the product is installed, there should be no lockable, sliding or hinged doors that would limit the full opening of the product door.

 Be sure to choose a location that will allow you to load and unload dishes quickly and comfortably.

- Place the product on solid, level ground with sufficient load-bearing capacity! The appliance must be installed on a flat surface so that the door is closed correctly and securely.
- Avoid installing the product in places where the temperature is likely to drop below 0 °C.

- Install the product on a hard floor. Do not place the product on carpet or similar surfaces.

 Do not install the product on the power cable.

- Be sure to choose a location that will allow you to load and unload dishes quickly and comfortably.
- Install the product in a location close to the tap and drain pipe. Choose the location taking into account that it cannot be changed once the connections have been made.

Connecting the water supply

i We recommend installing a filter at the water inlet to prevent dirt (sand, clay, rust) from your home's water network or installation from damaging the machine or the washing up.

Permissible water temperature: up to 25°C (60°C for products fitted with Aquasafe+; please see Aquasafe+ section)

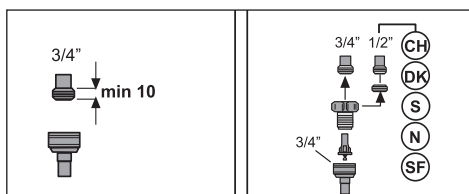
It is not recommended to connect the dishwasher to open water heaters or continuous flow water heaters.

REMARK Do not use an old or used water inlet hose with your new product. Use the new water inlet hose supplied with the product. Do not add an extension to the pipes.

REMARK Connect the water inlet hose directly to the water tap. The pressure from the valve must be 0.3 bar minimum and 10 bar maximum. If the water pressure is higher than 10 bar, a pressure relief valve must be fitted in the middle.

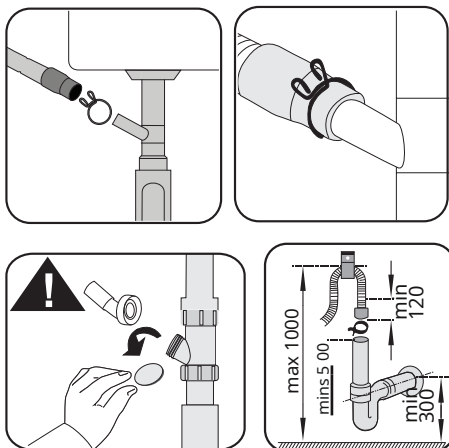
REMARK Water supply and drain hoses must be securely attached and remain in good condition.

REMARK Fully open the taps after making the connections to check for water leaks.



Connecting the exhaust duct

The water drain hose can be directly connected to the drain pipe or the sink drain. Refer to the installation manual supplied with your machine for detailed information.



i The drain hose must be connected to the sewer and must not be connected to surface water.

Leg adjustment

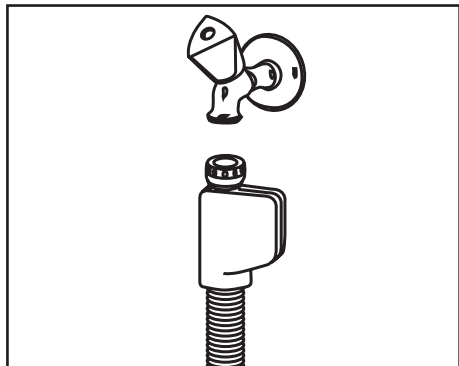
If the product door cannot be closed tightly or the product rocks when you push it lightly, you need to adjust its feet. Adjust the feet of the product as shown in the installation manual supplied with the product.

⚠ Steam may escape if the dishwasher door is not adjusted correctly. The hot steam could cause serious burns and injuries, and damage your furniture.

Aquasafe+

(varies by model)

The Aquasafe+ system protects against water leaks that may occur at the inlet of the pipe and prevents any damage to the electrical system.



 As the entire hose contains electrical connections and components, you should not shorten or lengthen the hose with extensions.

 If the Aquasafe+ system is damaged, unplug the device and contact the authorized agent.

Electrical connection

 Connect the appliance to a socket equipped with earthing and protected by a fuse respecting the values indicated in the table of "technical characteristics". Our company is not responsible for any damage that may occur if the product is used without grounding in accordance with local regulations.

- The connection must comply with the regulations in force in your country.
- The power cable plug must be easily accessible after installation.
- Plug the product into a grounded power outlet protected by a 16 amp fuse.
- The voltage specified must be equal to that of your electrical network.

 Do not make connections using extension cords or multiple sockets.

 Damaged power cables must be replaced by the authorized service agent.

5- Preparation

 First of all, read the “Safety instructions” section!

Tips for saving energy

The following information will help you use the product in an environmentally friendly and energy efficient way.

Remove all caked on food residue from the dishes before placing them in the appliance.

 Manual pre-rinsing of dishes results in increased water and energy consumption and is not recommended.

 Washing dishes in a household dishwasher generally uses less energy and water than hand washing when the household dishwasher is used according to the manufacturer's instructions.

Operate the product after filling it completely.

To select a programme, see the “Program data and average consumption values” table in the Quick guide.

Do not add 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 water entering the appliance to a level that will allow the dishes to be washed at the required quality.

 The hardness of the water in your supply should be softened if it is above 7°dH. Otherwise, the hardness-causing ions will accumulate on the dishes and may decrease the washing, rinsing and drying performance of the machine.

System setting water softening

The washing performance increases if the water softening system is set correctly.

 Read the “Quick Guide - Adjusting the Water Softening System” before this section!

Regeneration of the water softening system can be carried out in all programs during the drying step. When regeneration takes place, the duration, energy and water consumption of the program increase.

For the regeneration process; the frequency of the regeneration cycle, the maximum additional time, the water and energy consumption are indicated in the table below in

depending on the water consumption of the Eco 50°C programme, when the dishwasher operates under standard conditions with a water supply of 14 dH with the Eco 50°C programme:

Water consumption (liters) of the program Eco 50°C	Regeneration after ... rounds	Additional Duration (mins)	Water consumption (litres) additional	Energy consumption additional (kWh)
12.3-14.7	5	5	3.0	0.05
9.6-12.2	6	5	3.0	0.05
9.0-9.5	7	5	3.0	0.05
8.0-9.0	8	5	3.0	0.05
7.0-7.9	9	5	3.0	0.05

To find out how much water your dishwasher uses with the Eco 50°C programme, see the table of program data and average consumption values in the quick guide.

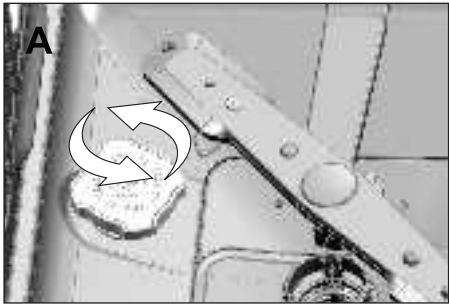
Adding salt

The water softening system needs to be regenerated in order for the appliance to provide the same performance at all times. Dishwasher salt is used for this purpose.

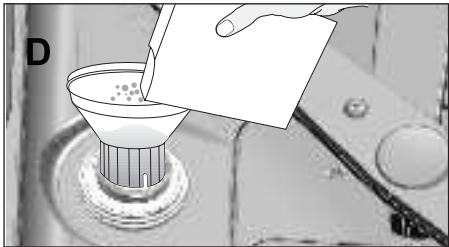
- i** Only use softening salts intended specifically for the dishwasher.
- i** It is recommended to use softening salts formed from granules

or powders in the water softening system. Do not use salts that do not dissolve completely in water such as table salt or coarse salt in the appliance. If you do, system performance may deteriorate over time.

- i** The salt reservoir fills with water when you start the appliance. Therefore, add salt before using the machine.
1. Start by taking out the lower basket to add the salt softener.



3. Add 1 liter of water to the salt reservoir of the appliance only when



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

5. Replace the lid and screw it tight when the tank is full.

i It is necessary to add salt just before switching on the appliance. Therefore, the excess salt water will be drained immediately, thus preventing any risk of corrosion of the device. If you do not want to start washing immediately, run the appliance empty with the shortest programme.

i Different brands of salt on the market have different particle sizes and water hardness can vary. Dissolving the salt in the water can therefore take several hours. The Salt light may stay on for a while after adding salt to the appliance.

Detergent

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

A Use only detergents designed specifically for a dishwasher. We advise you not to use detergents containing chlorine and phosphate as these agents are harmful to the environment.

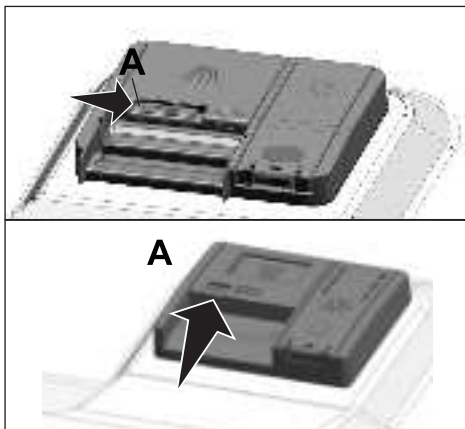
Adding detergent

i Carefully read the warnings on the detergent package for best washing and drying results. Contact the detergent manufacturer for further questions.

A Do not put solvents in the detergent dispenser. There is a risk of explosion!

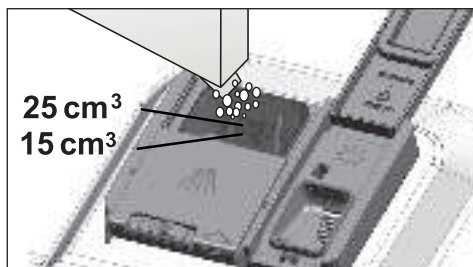
Place detergent in the detergent dispenser just before turning on the machine as shown below.

1. Push the lever to the right to open the detergent dispenser cover (A). (varies by model)

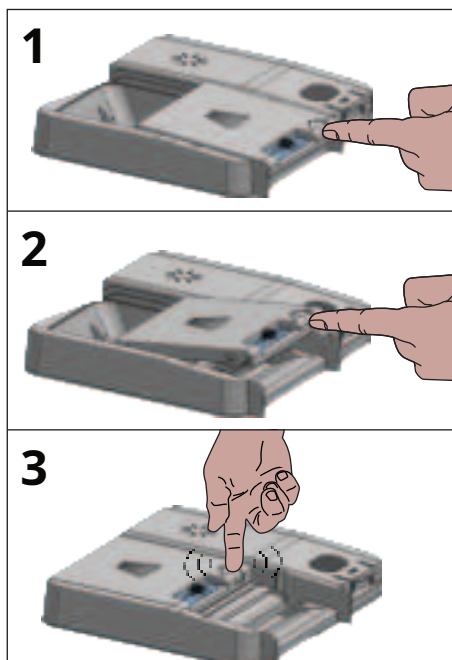


2. Put the recommended amount of powder, liquid/gel or tablet detergent into the tank.

i The detergent dispenser contains level indicators to help you use the correct amount of powder detergent. When full, the detergent dispenser can hold 45cc of detergent. Fill the detergent dispenser up to the 15 cm³ or 25 cm³ level depending on how full the machine is and/or how dirty the dishes are. One tablet is enough if you use tablet detergent.



3. Push the detergent dispenser cover to close it. A You will hear a "click" when the lid will be closed.

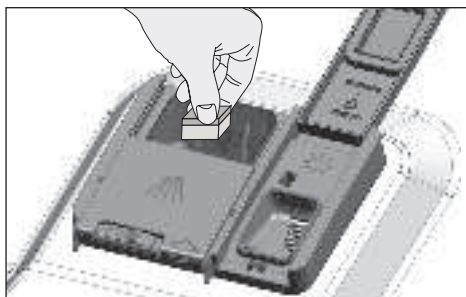


- i** Use powder or liquid/gel detergent in short programs without prewash, as the solubility of tablet detergent changes with temperature and time.

Tablet detergents

In addition to the classic tablet detergents, there are also tablet detergents on the market which have the effect of a regenerating salt and/or a rinse aid. Some types of these detergents contain special components such as stainless steel or glass protectors. These tablets show their effectiveness up to a certain degree of water hardness (21 °dH). Regenerating salt and rinse aid should also be used with the detergent if the water hardness level is above the level mentioned.

- i** The best washing results in the dishwasher are obtained by using detergent separately,



- i** Follow the detergent manufacturer's instructions on the packaging when using tablet detergents.
- i** Contact the detergent manufacturer if your dishes are damp and/or if you notice lime deposits, especially on glasses, after washing with tablet detergent.

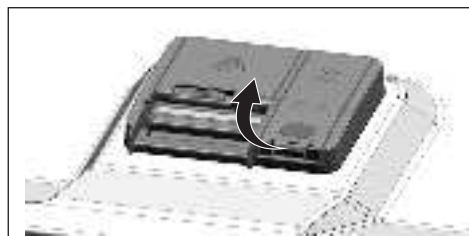
When switching from powder detergent to tablet detergent:

1. Check that the salt and rinse aid reservoirs are full.
2. Set the water hardness to its maximum level and run the machine empty.
3. After the empty wash cycle, read the user manual and adjust the water hardness level according to the water supplied to you.
4. Make the appropriate flush settings.

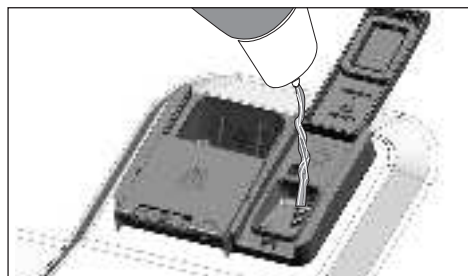
Rinse aid

i The rinse aid used in dishwashers is a special formula used to improve drying efficiency and prevent limescale on washed items. Therefore, be sure to use rinse aid in the rinse aid container and rinse aids made specifically for dishwashers.

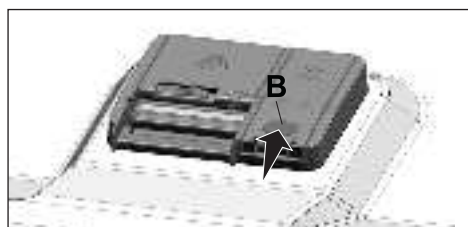
1. Open the lid of the rinse aid container using the lever.



2. Fill the reservoir to the



3. Lightly press point (B) on the tank lid to close it.



4. If there are stains on the cutlery after washing, the level should be increased, and if there is a blue trace after wiping it with your hand, it should be decreased. It is set to level 3 as factory setting.

- i** Adjusting the rinse aid is described in “Adjusting the amount of rinse aid” in the machine operation section.
- i** Wipe the rinse aid that has overflowed out of the tank. Rinse aid that has accidentally overflowed will cause foaming and possibly decrease washing performance.

Items not to be washed in the dishwasher

- Never wash dishes with cigarette ashes, remnants of candles, varnish, dye, chemicals, etc. in your dishwasher.
- Do not wash cutlery and knives with wooden or bone handles, glued parts, or non-heat resistant parts, such as copper or pewter dishes in the dishwasher.

i The decorative patterns of the porcelain elements, as well as those made of aluminum or silver, may be discolored or become dull after washing in the dishwasher, as can happen when washing by hand. Certain types of delicate glass and crystals may become dull over time. We strongly recommend that you check whether the tableware you buy is suitable for washing, especially in the dishwasher.

Arrangement of dishes in the dishwasher

Depending on the capacity of your dishwasher, you can use your dishwasher optimally from the point of view of energy consumption and washing and drying performance only if you arrange the dishes in an orderly manner.

- Remove all food remains present on the dishes (bones, crumbs, etc.) before putting them in the appliance.
- Arrange thin, narrow pieces in the center sections of baskets, if possible.

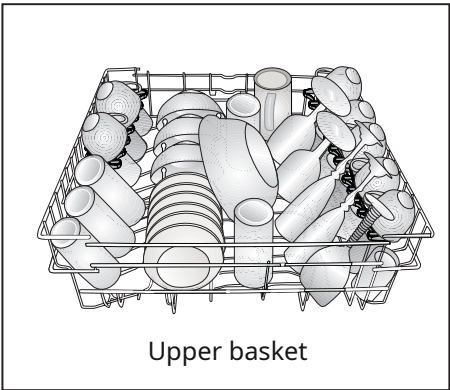
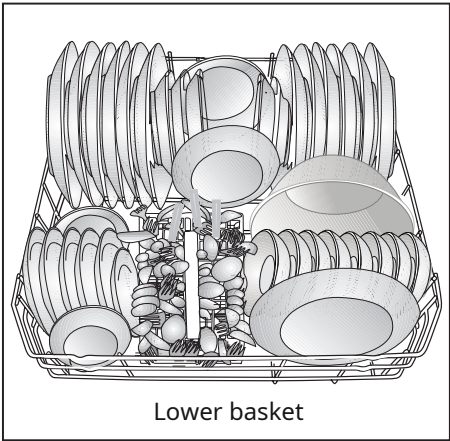
- Place heavily soiled and large items in the lower rack and smaller, delicate and light items in the upper rack.
- Place hollowware such as bowls, glasses and pans upside down in the dishwasher. The accumulation of water in the containers is thus avoided.



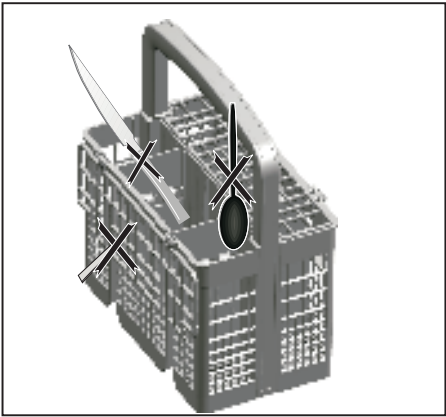
To avoid possible injury, always place sharp and pointed cutlery, especially forks or bread knives upside down with their point down or horizontal in the cutlery basket .

First unload the dishes from the lower basket, then those from the upper basket.

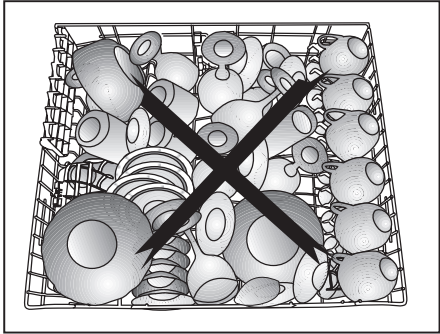
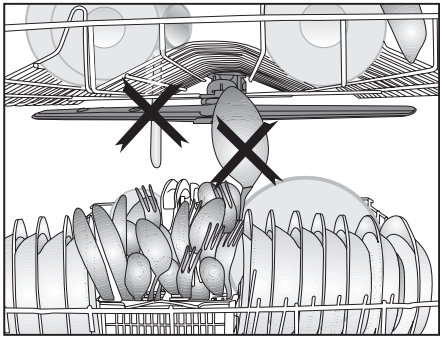
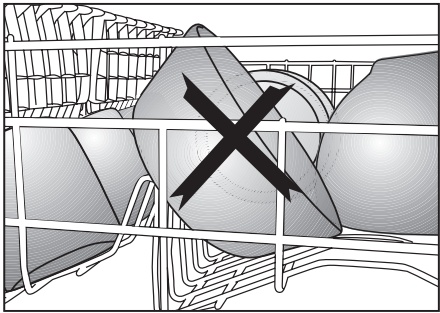
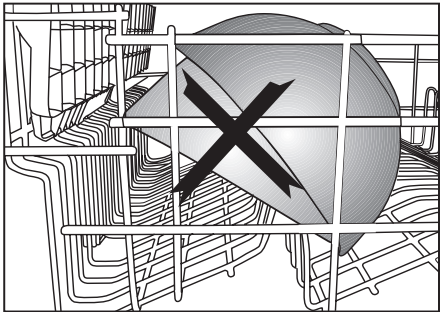
Dishwasher Loading Suggestions



Incorrect loading of the dishwasher



Incorrect loading of the dishwasher

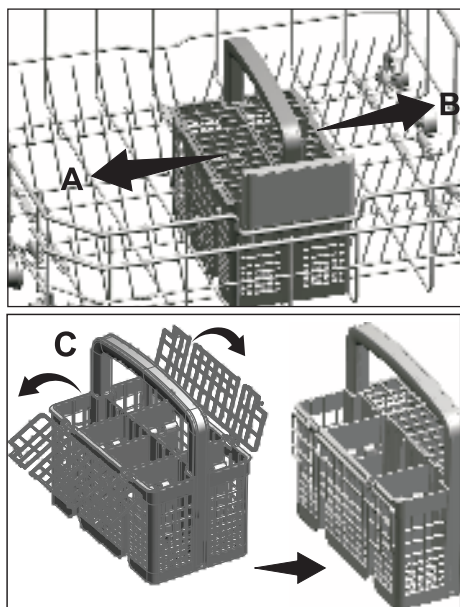


Cutlery basket

(depending on the model)

The cutlery basket is designed to clean your cutlery such as knives, forks, spoons, etc. in a cleaner way.

As the cutlery basket is removable (A, B), you can create a wider space when placing your dishes in the

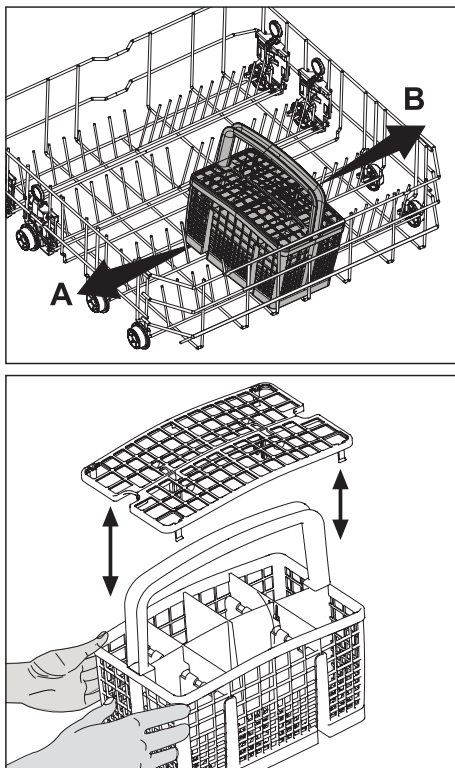


Cutlery basket

(depending on the model)

The cutlery basket is designed to clean your cutlery such as knives, forks, spoons, etc. in a cleaner way.

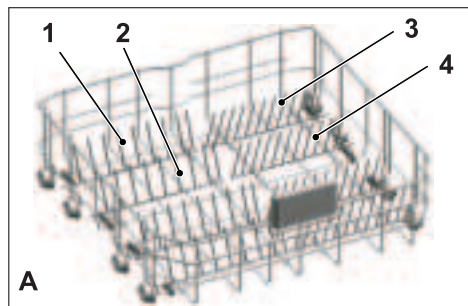
As the cutlery basket is removable (A, B), you can create a wider space when placing your dishes in the lower basket, and free up space for your dishes of different sizes.



Folding pins of the lower basket

(depending on the model)

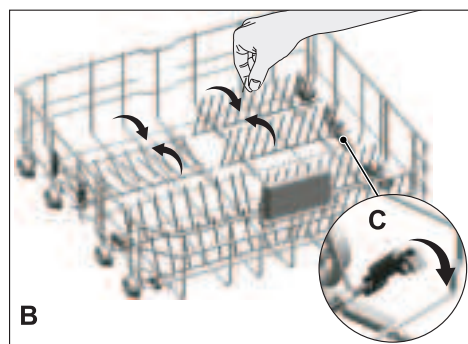
The folding pins (A) located in the lower basket of the machine are designed to facilitate the storage of bulky items such as saucepans, salad bowls, etc. You can create larger spaces by folding each of the pins separately or all at once.



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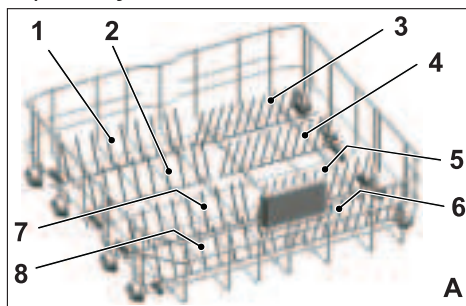


i Putting the pins in a horizontal position by holding them by the ends can cause them to bend. Therefore, it would be suitable to arrange the midpoints in a horizontal or vertical position by holding them by their sleeves and pushing them in the direction of the arrow.

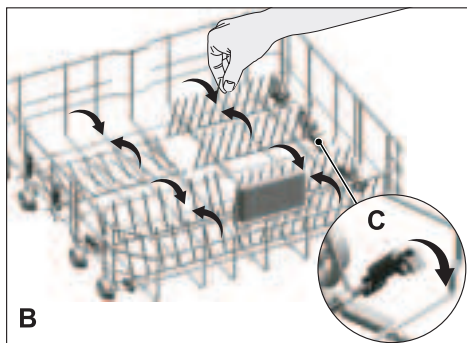
Folding pins of the lower basket

(depending on the model)

The folding pins (A) located in the lower basket of the machine are designed to facilitate the storage of bulky items such as saucepans, salad bowls, etc. You can create larger spaces by folding each of the pins separately or all at once.



To put the folding pins in a horizontal position, hold them in the middle and push them in the direction of the arrows (B). To put the pins back in a vertical position, simply straighten them. The flip-up pins will snap back into the latch (C).



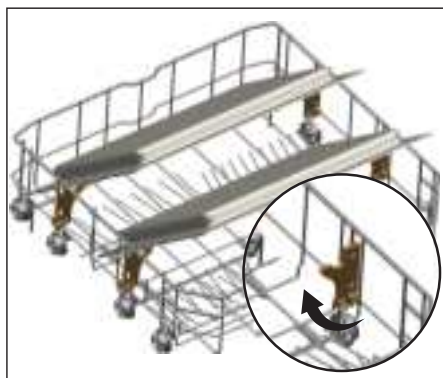
- i** Putting the pins in a horizontal position by holding them by the ends can cause them to bend. Therefore, it would be suitable to arrange the middle pins in a horizontal or vertical position by holding them by their sleeves and pushing them in the direction of the arrow.

Drip tray support

(depending on the model)

Use the supports to wash the trays located at the bottom of the basket.

Refer to the Additional Functions section to select the appropriate program or function.



Special Glass Holder

(depending on the model)

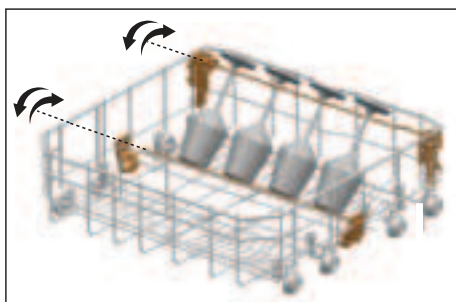
The Special Glass Rack found in the lower basket of your machine guarantees safe washing of your fragile glasses.



Retractable stemware holder

(depending on the model)

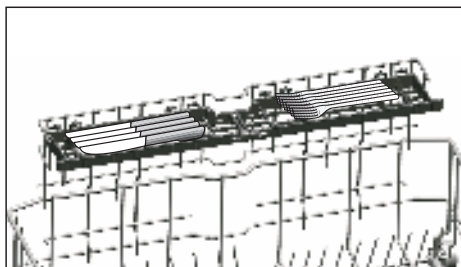
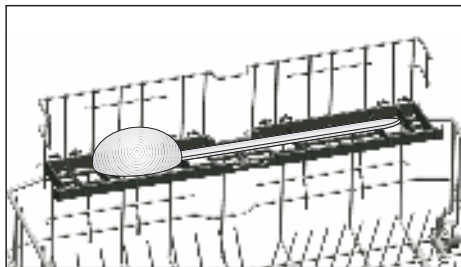
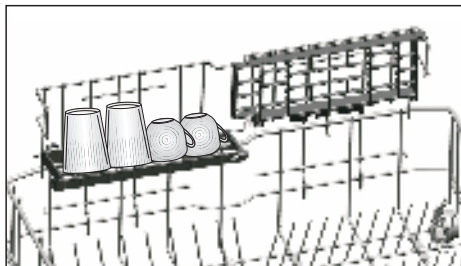
Retractable Stemware Rack found in the lower rack of your machine ensures safe washing of your oversized glasses and tall glasses.



Multi-function/height-adjustable lower basket support

(depending on the model)

This accessory located in the lower basket of the appliance allows you to easily wash items such as extra glasses, large ladles and bread knives.



i You can use the racks as needed by moving them up or down, or close them to create more space in your lower basket.

i Make sure that the spray arm does not touch the dishes placed on the

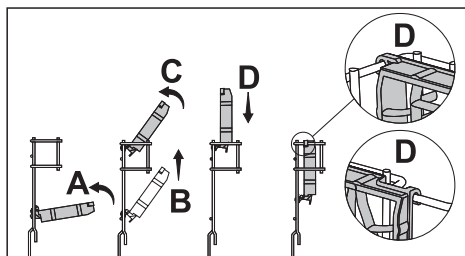
brackets.

To close the supports: 1. Fold the support (A).

2. Slide the bracket up (B).

3. Put the stand in upright position (VS).

4. Slide the stand down and lock it with the latches (D).

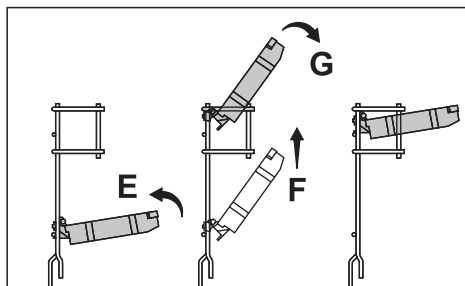


i You can open the brackets by following the same procedure in reverse.

To adjust the size of the supports: 1. Fold the support (E).

2. Slide the bracket up (F).

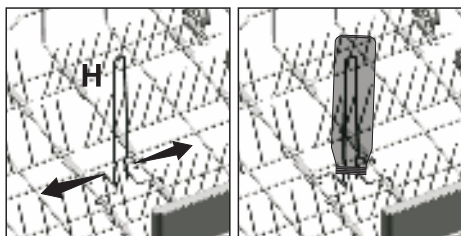
3. Open the support to the desired level (G).



Lower basket bottle rod

(depending on the model)

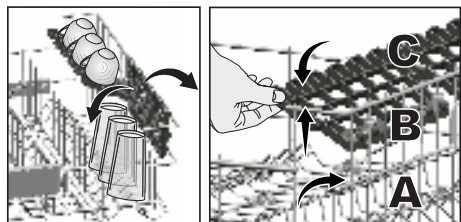
The bottle stem is designed for easier washing of long items with wide openings. You can remove the bottle rod from the basket when it is not in use by pulling it from the sides (H).



Height-adjustable upper basket support

(depending on the model)

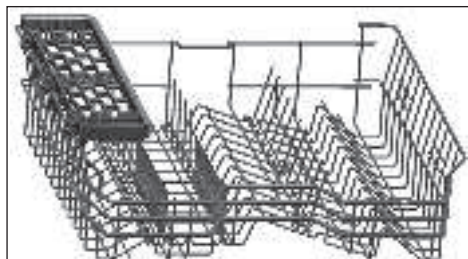
Use the lower and upper parts of the adjustable height supports in the upper basket of the appliance by sliding them up and down according to the height of glasses, cups, etc. (A,B,C).



Upper basket multifunction support

(depending on the model)

This accessory located in the upper basket of the appliance allows you to easily wash items such as very large ladles and bread knives.



You can lift the upper rack multi-purpose rack to remove it if you don't want to use it.



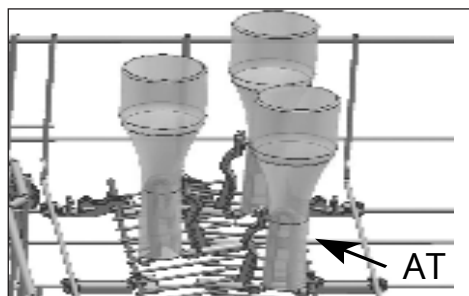
If you want to reuse the upper basket's multi-function holder, you can easily attach it to the side section of your upper basket.



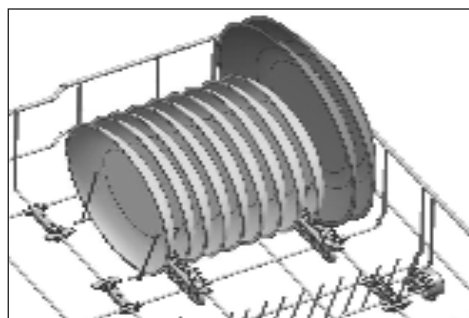
Bottle holder and dish holder on the lower basket

(depending on the model)

The bottle and the dish rack (A) located at the level of the lower basket are designed to facilitate the washing of dirty kitchen utensils whose openings are narrow and greater in height. After putting the bendable wires in a horizontal position, you can place your bottles on the bottle holders. Secure your bottles by clamping them with the bottle holder clip as shown in the figure below.



And when you put the collapsible wire upright, you can place your dishes without removing the supports.



i If you place the wires in a horizontal position, holding them by their ends, you risk bending them. It is therefore recommended to put the wires horizontally or vertically by holding them from below.

Adjusting the height of the upper basket

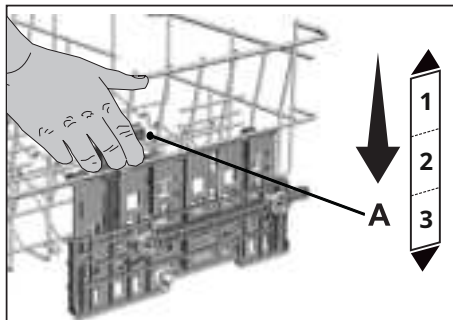
(depending on the model)

The upper rack height adjustment mechanism is designed so that you can create large spaces in the upper or lower machine compartment by adjusting the rack up or down, depending on whether it is empty or low. mechanism, you can use your basket in three different positions including lower, middle or upper.

To lower the basket, proceed as follows when the basket is in its highest position;

1. Hold the upper basket wires and lift the mechanism handle upwards as shown in figure (A).
2. Lower the basket to the next lower position.
3. Release the basket when it hooks to the next lower position.

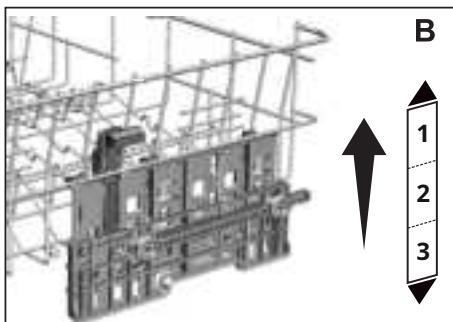
Repeat the same operation if the height is not sufficient.



1. To raise the basket, hold the basket wires and pull the basket up with both hands when it is in its lowest position (B)
2. Release the basket when it hooks to the next position

top by making a “click” that can be heard from the right and left mechanisms.

Repeat the same operation if the height is not sufficient.

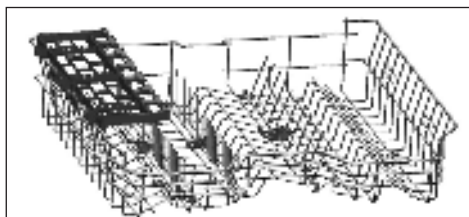


- i** The movement mechanism may not work properly when the upper basket is overloaded or when the load is unbalanced. And it can go to the next lower position in heavier conditions.
- i** Make sure the adjusters on the right and left of the upper rack are aligned.

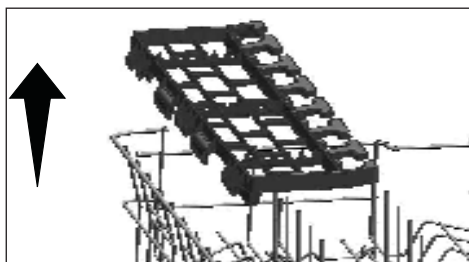
Upper basket multifunction serving rack

(depending on the model)

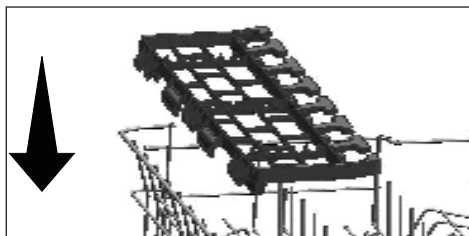
Thanks to the multifunction service rack in the upper basket of your appliance, you can load and wash long dishes and long kitchen utensils. Also, the wine glass storage compartments available on the front of this accessory make it easier to place appropriately sized stemware in the upper rack.



You can remove the multifunctional serving rack from the upper rack by lifting it up when you don't want to use it.



You can easily reinstall the Upper Rack Multi-Function Serving Rack to the side of your upper rack for use again.

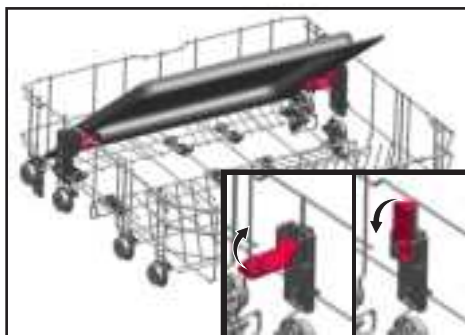


Tray washing support

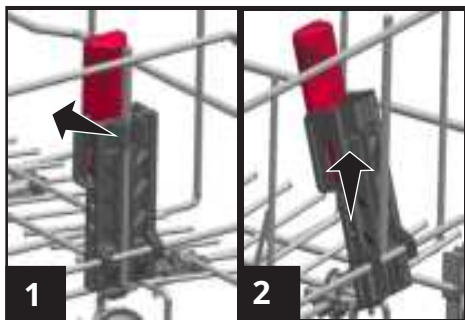
(depending on the model)

You can use the tray washing racks if you want to wash a tray on your lower rack.

Refer to the Additional Functions section to select the correct program and function. You can fold this part when not in use for easy disposal



You can also remove this part if necessary, as shown in figures 1 and 2.

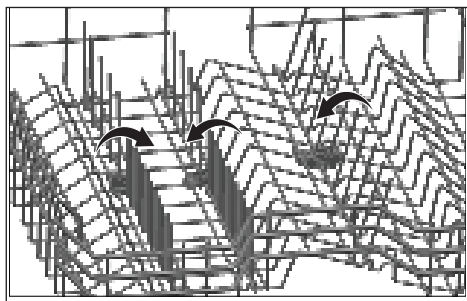


i Tray wash racks should be removed as shown in Figures 1 and 2 for performance control testing which should be performed in accordance with standards.

Folding pins of the upper basket

(depending on the model)

You can use folding pins when you want to create more space for your dishes in the upper basket of your machine. To put the folding pins in a horizontal position, hold them in the middle and push them in the direction of the arrow indicated on the figure.



- i** Putting the pins in a horizontal position by holding them by the ends can cause them to bend. Therefore, you must hold the pimples by their sleeves while bringing them back to the horizontal or vertical position.

Empty basket height adjustment

(depending on the model)

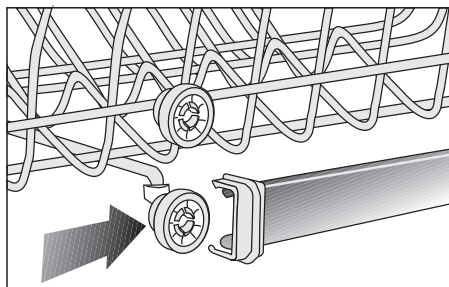
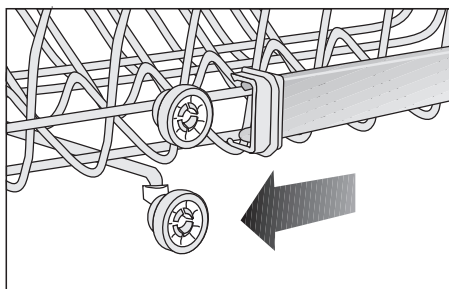
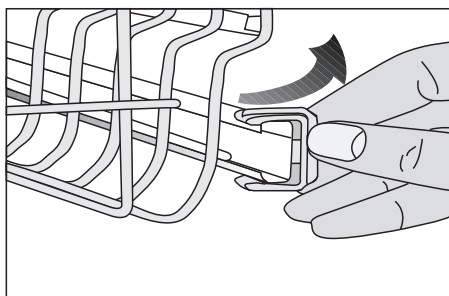
In this model, the adjustment of the height of the upper basket can be by means of the wheels mounted at two different heights.

Release the latches attached to the right and left runners of the upper rack by pushing them outwards

the basket completely.

Put the basket on the runners to the desired r

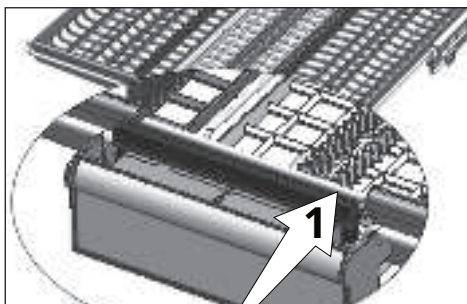
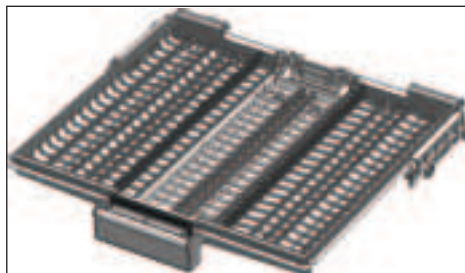
ez the latches in position e.



Upper cutlery basket

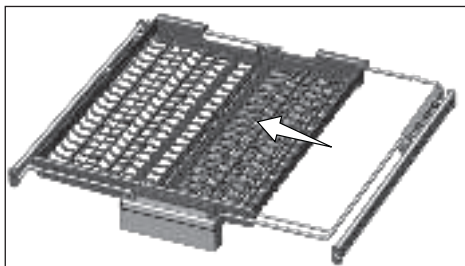
(depending on the model)

The upper cutlery basket is designed to clean your cutlery such as forks, spoons, etc. by placing them between the bars of the basket.



In models with partial movement function, when you push the bar (1) on the handle, the central tray of the basket moves to the lower position and the system unlocks. Thus, the trays on the right and left can be used as moving parts.

The free space left by the side trays makes it possible to load long pieces into the upper basket.

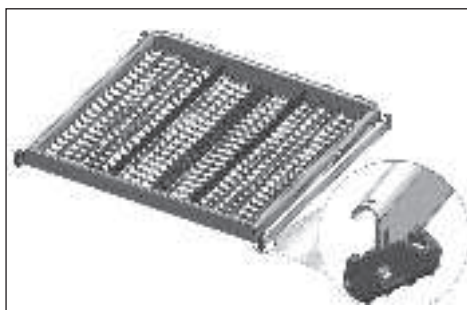


When the central tray is in the lower position, you can load long and tall objects such as coffee cups, ladles, etc. on the tray. When the side trays rest on two side walls, you can pull the handle to allow the middle tray to lift up and lock the system.

Upper cutlery basket

(depending on the model)

The upper cutlery basket is designed to clean your cutlery such as forks, spoons, etc. by placing them between the bars of the basket.



6- Operation of the device



First of all, read the "Safety instructions" section!



Read "Quick Guide" before this section.



Avoid touching the screen of the machine with wet hands.

Power on / Power off voltage

When you press the button "On/Off", in the "On" position, the screen lights come on. In the "Off" position, on the other hand, they turn off.

Program Selection / Program Cancel Buttons

Select the program you wish to run from the "Program selection keys" and press the key.

Press the "Start / Pause / Cancel" button for 3 seconds to cancel the current program.

After the 3 - 2 - 1 countdown, the display shows 0:01 and the undo process begins. The operation will be completed after 2 minutes and your machine will beep to indicate this.

Function buttons

When you press the function buttons while selecting a program or delay, if the selected program supports the selected function, a positive beep sounds. When the selected function indicator is on, it means the function is selected.

To cancel function selection, press the function button again until the function indicator turns off.

Preparing the device

1. Open the dishwasher door.
2. Load your dishes as described in the user manual.
3. Make sure the lower and upper thrusters spin freely.
4. Add an adequate amount of detergent to the compartment provided.

Program selection

1. Turn on your device by pressing the Power key.
2. Check the low salt and low rinse aid indicators, then add salt and/or rinse aid if necessary.
3. Select the appropriate wash program for your dishes by taking into account the information on the program and on the table of average consumption values.
4. When you press the Start/Pause/Cancel button on your machine, the selected program will start.

Additional functions

The wash programs in your machine are designed to achieve the best possible wash, taking into account the type of soil, the degree of soiling and the characteristics of the dishes to be washed.

Auxiliary functions allow you to save time, water and energy.



Auxiliary functions may cause changes in program duration.

- i** The additional functions are not suitable for all wash programs. The indicator of the additional function not compatible with the program will not be active.

Function of

(varies depending on

Used for f

without the load

1. Load the
your friend
2. Put the
touch
3. Select
press
The indication
on the poster
s-function
4. Close the
throw the p

- i** With the half-load function, you can save water and energy by using the lower and upper baskets of the appliance.

SteamGloss function

(varies by model)

Provides better drying results.

AquaActive Function

(varies by model)

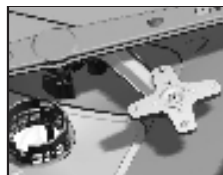
This feature operates the lower propeller at higher pressure and speed for better cleaning of dishes (eg pans, trays) soiled with stubborn, dry stains.

All in 1 tablet function

(varies by model)

This function provides better drying performance with multi-purpose detergents (2in1, 3in1, 4in1, 5in1, etc.) depending on the degree of hardness of the water supplied.

- i** If you used the tablet detergent function during the previous programme, the function



(varies depending on model) The AquaIntense spray arm located under the lower spray arm allows you to wash your

heavily soiled dishes that you put in the right compartment of the lower basket. You get a better result when you put the dirtiest dish in the front of the right compartment.

- i** Do not attempt to remove the AquaIntense spray arm

TrayWash Function

(varies by model)

Select the 70°C intensive program and press the Function button to start this function.

Hygiene Care function

(depending on the model)

Designed for use when dishwashing requires greater hygiene. This feature increases the wash and rinse temperatures in the selected cycle and extends the duration of these steps in the cycle. Plus, an extra rinse cycle is run to wash and rinse your dishes with more hygiene.

Fast+ function

(varies by model)

This function shortens the duration of the selected wash cycle and reduces water consumption by activating a wash under higher pressure.

Super Rinse function

(varies by model)

Depending on the type of detergent used, if you use a soluble detergent, it will remove stains from dishes and allow for optimal rinsing performance.

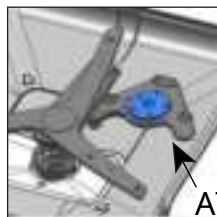
AntiOdor Function

(varies by model)

Press the Anti-Odor button on the panel to activate the Anti-Odour function. While this function is active, the system is activated intermittently and prevents the formation of bad odors due to putrefaction. If the above function is selected, it will be activated while the appliance is off and the Anti-Odor light will flash. A fan noise may follow, which is completely normal. Until the Select function is deactivated, the system will be active automatically and intermittently.

Deep wash function

(depending on the model)



The bottle/jar washing wheel (A) located under the lower wheel allows better wash your bottles and your dishes with a high level of soiling,

which are placed on the right side of the lower basket according to the program selected.

-  Deep Wash Do not attempt to remove the wheel part!
-  Select this function to extend the program duration.
-  The program can be used as jar or bottle washing functions depending on your selection.

EverClean Filter

(varies by model)

Thanks to this function, your micro filter will be cleaned by a special system at the end of the wash and it will be prepared for the next use of the machine. This cleaning process increases the cleaning interval of the micro filter from 2 weeks to 3 months, thereby boosting washing performance. The use of this function is recommended for all wash cycles, as it allows you to obtain better results.

SelfDry function

To activate the SelfDry automatic door opening function:

1. Simultaneously press and hold the F3 and F4 function keys SelfDry when the door is closed to activate the function.
2. SelfDry The indicator lights up and the automatic door opener function is activated.

 SelfDry The function can be activated or deactivated in Program Selection mode.

To cancel the SelfDry Function:

1. Simultaneously press and hold the F3 and F4 function keys SelfDry when the door is closed to deactivate the function.
2. SelfDry The indicator turns off and the function deactivates.

Timer function **Timer**

function (depending on the model)

In case of economical electricity tariff in your area, you can use the timer function to make the

dishes at the corresponding times. You can delay the start time of the selected program up to 24 hours. 1. With the door closed, press the delay button after selecting the washing program and other additional functions.

2. When you press the Delay button, "1h" is displayed on the info line and the Delay indicator starts flashing.
3. Set the time you want by pressing the delay button. Each time you press the button, the time increases in one hour increments up to 24 time. A long press on the delay button triggers the continuous increment of the hour.
4. Press the Start/Pause/Cancel button. The program will start automatically when the waiting period is over.

Changing parameters with the delay function is enabled As long as the delay function is active, you cannot change the washing programme, additional functions or the delay.

i Once the program has started, the program and auxiliary functions cannot be set/changed.

To cancel the delay function: With the door closed, press the Program Select/Cancel Button for 3 seconds. As soon as the delay function is deactivated, you return to the program selection mode.

Child lock function (key)

(depending on the model)

You can prevent other people from affecting or changing the program flow and delay while the appliance is running.

To activate child lock:

1. Simultaneously press and hold program buttons P4 and P5 to activate the child lock (key) function, when the door is closed.
2. The child lock indicator (key) must be lit for the key lock to be activated.

i Child lock prevents changing selected functions and disables the Start/Hold/Cancel key.

i The child lock does not lock the appliance door.

i The child lock is automatically deactivated if you switch off your device using the Power key. **To cancel child lock:**

1. Simultaneously press and hold program buttons P4 and P5 to deactivate the child lock function (key), when the door is closed.
2. The child lock (key) indicator must be off for the key lock to be cancelled.

Operating indicator light projected on the ground

Buzzer indicating that the machine is being washed (varies by model)

The machine emits a light signal projected on the floor during washing. This light signal turns off at the end of the wash.

i The operating indicator light is automatically activated when a washing program starts and remains activated until the end of the program.

i The operation indicator light cannot be canceled by the user.

Inside lighting

(depending on the model)

In the appropriate models, a lamp illuminates the interior of your machine when the door is open.

1. Simultaneously press the On/Off button and the Start button. program P2 for 3 seconds. Then enter the settings menu after turning on your machine using the On/Off key. Depending on your device model, you can enter the settings menu by pressing the P3 key for 3 seconds.

2. Switch to position "L": on the screen by pressing the P2 button. Select the desired position using the program key P3. The interior lighting function is deactivated in the "L:0" position and activated in the "L:1" position.

3. To save, exit the settings menu by pressing the On/Off button on your machine for 3 seconds. Your settings will be saved automatically.

Program start

Close the door to start your machine after selecting the program and additional functions.

i The device softens the water according to the hardness of the tap water. The

Washing time may vary during the execution of the program depending on the ambient temperature, the temperature of the mains water and the amount of dishes.

i Avoid opening the door while the appliance is operating. Be careful, as steam may escape when you open the appliance door.

i To ensure that the water remaining on the dishes and inside the appliance is completely emptied and the water softener is removed after the rinsing operation, your appliance resumes operation in the drying cycle after a moment of silence.

Canceling (Resetting) the program

With the door closed, press the program select/cancel button for 3 seconds. The display shows 0:01 after a countdown from 3 - 2 - 1. Wait for the discharge to complete.

Discharging is complete within 2 minutes and your machine will give an audible warning when it is complete.

i It may happen that detergent or a quantity of rinse aid remains inside the appliance and/or on the dishes being washed depending on the step in progress when the program is cancelled.

Salt level warning indicator ()



Check the low salt warning indicator on the display to determine if the softener salt available in your machine is adequate. You must add salt to the salt compartment when the low level warning indicator

in salt on the screen starts to light up.

-  Adjusting the water hardness level is described in the Water softening system section.

Rinse aid level warning indicator **()**

Check the low rinse aid level warning indicator on the display to determine if the rinse aid available in your machine is adequate. Rinse aid should be added to the rinse aid compartment when the low rinse aid level warning indicator on the display begins to illuminate.

Adjusting the amount of rinse aid

1. Simultaneously press the On/Off button and the Start button. program P2 for 3 seconds. Then enter the settings menu after turning on your machine using the On/Off key. Depending on your device model, you can enter the settings menu by pressing the P3 key for 3 seconds.
2. Switch to the "P" position on the screen by pressing the P2 key.
3. Set an appropriate level by selecting one of the positions "P:0", "P:1", "P:2", "P:3" or "P:4" with the P3 program key.
4. To save, exit the settings menu by pressing the On/Off button on your machine for 3 seconds. Your settings will be saved automatically.

Does not apply rinse aid in position P:0 during the wash programme.

- Apply 1 dose of rinse aid in position P:1.
- Apply 2 doses of rinse aid in position P:2.
- Apply 3 doses of rinse aid in position P:3.
- Apply 4 doses of rinse aid in position P:4.

Water supply is cut off warning

If the mains water supply is interrupted or the water inlet tab of the machine is not open, water will not flow into the machine and the E:02 icon will flash on the program indicator. As long as the error persists, the washing program is stopped and it is checked whether or not water flows through the machine at certain intervals. When the water is flowing, the E:02 icon turns off after a while and the wash cycle resumes.

Water overflow warning

If there is excessive water flow into the machine or a leak in any part, the machine will detect an overflow and the E:01 icon will flash on the program indicator. As long as the overflow continues, the safety algorithm works and tries to evacuate the water in the machine. Once the overflow stops and the safety procedure is completed, the E:01 icon will turn off. If the E:01 icon does not go out, the error is permanent and you must call for service.

Tank Cleaning

(varies by model)

It is recommended to clean and maintain the machine every 1-2 months. This operation must be done when the machine is empty.

For an effective result, it is recommended to use cleaning products specially adapted to the machine.

-  Do not use the machine's cleaning program for washing dishes. Since this program operates at high temperatures, it is harmful to the dishes.

7- Maintenance and cleaning

-  First of all, read the “Safety instructions” section!
-  Unplug the product and turn off the tap before beginning cleaning procedures.
-  Do not use abrasive substances for cleaning.
-  Clean the filter and spray arms at least once a week to keep the machine working properly.

The life of the product is extended and frequently encountered problems are reduced if it is cleaned regularly.

Washing the outer surface of the product

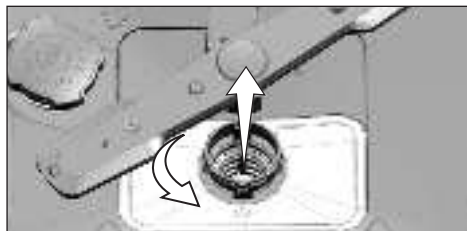
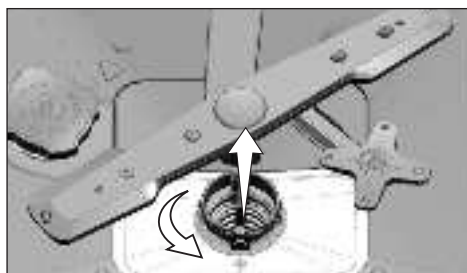
REMARK Wash the exterior surface and door handles of the product gently with a mild detergent and a damp cloth. Wipe the “control panel” with a damp cloth.

Washing the inside of the device

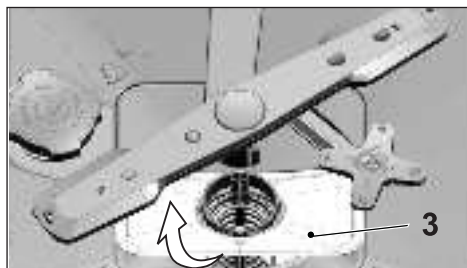
- Every month clean the inside of the machine by running the machine in the program operating at the highest possible temperature with detergent or special cleaning agents for the machine. This operation will remove residues and limescale from inside the machine.
- If there is still water in the machine, drain the water following the procedure described in the section “Cancelling a programme”. If the water cannot be drained, remove the filters as specified in the “Cleaning the Filters” section and check if deposits have accumulated at the bottom of the machine, blocking the water channel. Clean if necessary.

Filter cleaning

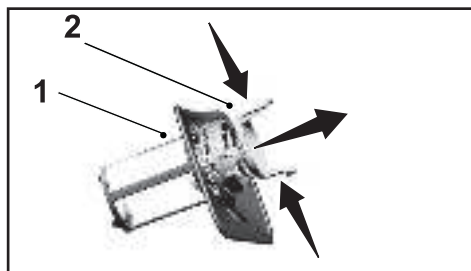
Clean the filters at least once a week for the device to work properly. Check for food residue on the filters. If there are food residues on the filters, remove them and clean them well under running water. 1. Turn the micro-filter assembly (1) and coarse filter assembly (2) anti-clockwise and remove it from its location. (varies



2. Remove the metal/plastic filter (3)



3. Press the two catches of the coarse filter inwards and separate the coarse filter from the assembly.



4. Clean the three filters under the tap using a brush.
5. Place the metal/plastic filter.
6. Place the coarse filter in the micro filter. Make sure it is installed properly. Turn the coarse filter in clockwise until you hear a "click".

i Do not use the dishwasher without a filter.

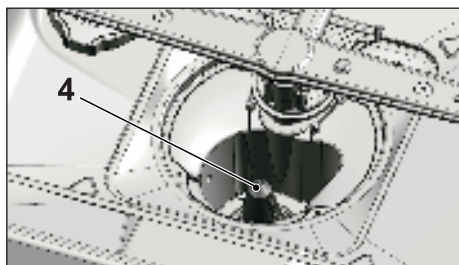
i Improper placement of filters will reduce washing efficiency.

Micro-filter cleaning mechanism

(varies by model)

i The cleanliness of the filter is increased by 80% thanks to the micro-filter cleaning system that your machine has.

i If your machine is equipped with an automatic filter cleaning function, do not remove the micro-filter cleaning mechanism (4) for the to clean.

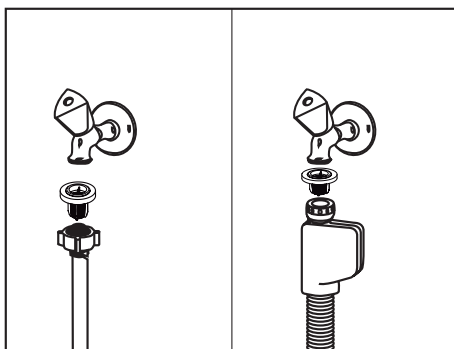


Cleaning the pipe filter

Damage to the appliance caused by impurities from mains water or your own water installation (e.g. sand, dust, rust, etc.) can be avoided by the filter attached to the water inlet valve. Regularly check the filter and the hose and clean them if necessary.

1. Close the tap and remove the hose.
2. After taking out the filter, wash it under running water.
3. Replace the cleaned filter in its place in the pipe.
4. Attach the hose to the faucet.

(varies by model)

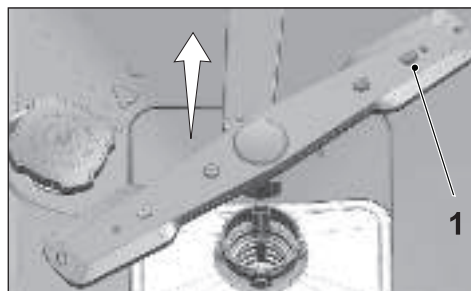


Cleaning the spray arms

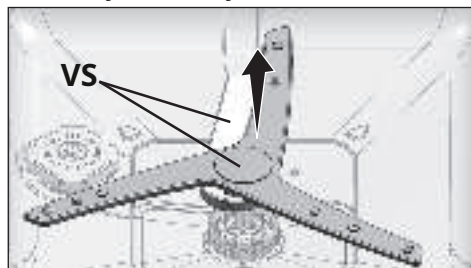
Clean the spray arms at least once a week to keep the device working properly.

Lower spray arm

Check whether the holes in the lower spray arm (1) are blocked. If they are, remove the spray arm to clean it. You can lift the lower spray arm to remove it. (varies by model)



Check if the holes in the lower spray arm assembly are clogged. If they are, remove and clean the spray arm assembly (varies by model)



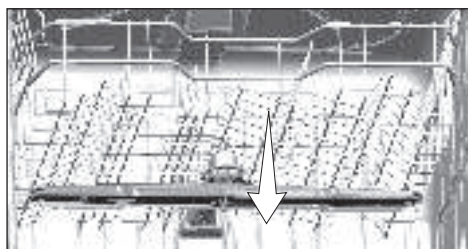
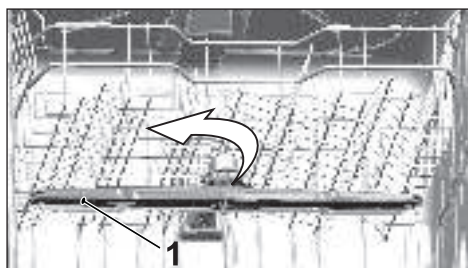
To remove and clean the lower wash arm assembly, hold the points (C) shown in the figure with one hand and pull upwards to remove. After cleaning, follow these steps in reverse order to reinstall the assembly



i Do not attempt to rotate the spray arm by holding it by its ends. Attempting to rotate the ends may cause the gear system within the spray arm to break.

Upper wash arm

Check whether the holes in the upper spray arm (1) are blocked. If they are, remove the arm to clean it. Turn its nut to the left to remove the upper spray arm. Make sure the nut is tight when installing the upper spray arm.



8- Troubleshooting

The device does not start.

- The electric cable is disconnected. >>> Check if the power cable is connected.
- The fuse has blown. >>> Check the fuses in your house.
- The water is off. >>> Check that the water inlet tap is open.
- The appliance door is open. >>> Check that you have closed the appliance door.
- The On/Off button is not engaged. >>> Check that you have turned on the device by pressing the On/Off button.

The dishes do not come out of the machine clean

- The dishes are not sorted in order in the machine. >>> Load the dishes as described in the user manual.
- The selected program is not suitable. >>> Select a program with a higher temperature and a longer cycle.
- The wash arms are blocked. >>> Before starting the programme, rotate the upper and lower spray arms with your hand to ensure that they rotate freely.
- The holes in the spray arms are clogged. >>> The holes in the lower and upper spray arms can be clogged with food residues, such as lemon pips. Regularly clean the spray arms as illustrated in the "Cleaning and maintenance" section.
- The filters are clogged. >>> Check if the filter system is clean. Periodically clean the filter system as shown in the "Cleaning and Maintenance" section.
- Filters are not placed correctly. >>> Check the filter system and make sure it is installed correctly.
- The baskets are overloaded. >>> Do not overload the baskets beyond their capacity.
- The detergent is stored under unsuitable conditions. >>> If you use powder detergent, do not store the detergent package in humid places. Store it in a closed container if possible. To facilitate storage, we recommend using detergent tablets.
- There is not enough detergent. >>> If using powder detergent, adjust the amount of detergent according to how dirty your dishes are and/or program definitions. We recommend using tablet detergents for best results.
- There is not enough rinse aid. >>> Check the rinse aid indicator and add rinse aid if necessary. Increase the rinse aid setting if there is enough rinse aid in the machine.

- Detergent dispenser cover left open. >>> Make sure the detergent dispenser lid is securely closed after adding detergent.

The dishes are not dry at the end of the cycle

- The dishes are not sorted in order in the machine. >>> Place the dishes in such a way that water does not accumulate between the plates.
 - There is not enough rinse aid. >>> Check the rinse aid indicator and add rinse aid if necessary. Increase the rinse aid setting if there is enough rinse aid in the machine.
 - The machine is unloaded just at the end of the program. >>> Do not unload your machine right after the washing process is finished. Open the door slightly and wait for the contained steam to escape for a while. Take the dishes out when they have cooled down enough to be touched without risk. Begin unloading with the lower basket. Thus, water remaining on the dishes in the upper basket is prevented from dripping onto the dishes in the lower basket.
 - The selected program is not suitable. >>> Since the rinse temperature is low in the short programmes, the drying performance will be too. Select longer programs for higher drying performance.
 - The surface quality of cookware is deteriorated. >>> Desired washing performance cannot be obtained on cookware with deteriorated surface and it is not hygienically desirable to use such utensils. Water cannot flow easily over deteriorated surfaces. It is not recommended to wash such utensils in the dishwasher.
-  It is normal for drying issues to occur with Teflon cookware. This is related to the structure of Teflon. Since the surface tension of Teflon is different from that of water, the water drops remain like beads hanging on the Teflon surface.

Tea, coffee or lipstick stains remain on the dishes.

- The selected program is not suitable. >>> Select a program with a higher temperature and a longer cycle.
- The surface quality of cookware is deteriorated. >>> Tea or coffee stains or other traces of dye may not be removed by the dishwasher if they have penetrated into deteriorated surfaces. The desired washing performance cannot be obtained on cookware whose surface is deteriorated and it is undesirable from a hygienic point of view to use such utensils. It is not recommended to wash such utensils in the dishwasher.
- The detergent is stored under unsuitable conditions. >>> If you use powder detergent, do not store the detergent package in humid places. Store it in a closed container if possible. To facilitate storage, we recommend using detergent tablets.

Limescale remains on dishes and glass looks dull

- There is not enough rinse aid. >>> Check the rinse aid indicator and add rinse aid if necessary. Increase the rinse aid setting if there is enough rinse aid in the machine.
- Water hardness setting is low or salt level is insufficient >>> Measure supply water hardness and check water hardness setting.
- There are salt leaks. >>> Be careful not to spill salt around the salt filling hole when adding salt. Always make sure the lid of the salt container is properly closed after filling. Run the pre-wash program to remove the salt scattered in the appliance. As the remaining salt granules under the lid will be dissolved during the prewash and loosen the lid, check the lid again at the end of the programme.

There is a peculiar smell in the machine



A new machine has a specific smell. It will fade after a few washes.

- The filters are clogged. >>> Check if the filter system is clean. Periodically clean the filter system as shown in the “Cleaning and Maintenance” section.
- Dirty dishes stay in the dishwasher for 2-3 days. >>> If you do not start the appliance immediately after putting the dishes in, remove the remains on the dishes and run a Prewash program without detergent every 2 days. In these cases, do not completely close the door of the machine to prevent odors from arising. You can also use commercially available odor removers or machine cleaners.

Rust, discoloration or surface deterioration damages dishes

- There are salt leaks. >>> Salt can cause deterioration and oxidation of metal surfaces. Be careful not to spill salt around the salt filler hole when adding salt. Always make sure the lid of the salt container is properly closed after filling. Run the pre-wash program to remove the salt scattered in the appliance. As the remaining salt granules under the lid will be dissolved during the prewash and loosen the lid, check the lid again at the end of the programme.
- Salty food remnants remained on the dishes for a long time. >>> If cutlery soiled by this kind of food is left in the machine, the dirt must be removed by pre-washing or the dishes must be washed immediately.
- The electrical installation is not earthed. >>> Check that the dishwasher is connected to the ground line. Otherwise, static electricity created on the product will cause arcs on the surfaces of metal parts by forming pores, removing the protective layers from the surface and causing discoloration.

- Heavy duty detergents like bleach are used. >>> The protective coating of metal surfaces is damaged and loses its effectiveness over time when it comes into contact with detergents such as bleach. Do not wash your dishes with bleach.
- Metal elements, such as knives, are used outside of their normal function. > > > The protective coating on the corners of knives can be damaged when they are used for purposes such as opening tin cans. Do not use metal cooking utensils beyond their intended use.
- Cutlery is poor quality stainless steel. >>> Corrosion of such products is inevitable, they should not be washed in the dishwasher.
- Already corroded kitchen utensils are washed in the dishwasher. >>> Rust from a corroded item can pass onto other stainless steel surfaces and cause corrosion on those surfaces as well. Such items should not be washed in the dishwasher.

Detergent remains in the detergent dispenser.

- The detergent dispenser was wet when detergent was added. >>> Make sure the detergent drawer is completely dry before filling it.
- Detergent is added long before washing. >>> Be sure to add the detergent can before washing starts.
- The detergent dispenser lid cannot be opened during washing. > > > Place the dishes so that they do not prevent the detergent dispenser lid from opening and water from entering the machine through the spray arms.
- The detergent is stored under unsuitable conditions. >>> If you use powder detergent, do not store the detergent package in humid places. Store it in a closed container if possible. To facilitate storage, we recommend using detergent tablets.
- The holes in the spray arms are clogged. >>> The holes in the lower and upper spray arms can be clogged with food residues, such as lemon pips. Regularly clean the spray arms as illustrated in the "Cleaning and maintenance" section.

The decorations and ornaments of the kitchen utensils are erased.

-  Decorated glasses and porcelain should not be washed in the dishwasher. The manufacturers of glass and porcelain items also recommend that such kitchen utensils not be washed in the dishwasher.

The dishes are scratched.

-  Cookware that contains aluminum or is made of aluminum should not be washed in the dishwasher.
- There are salt leaks. >>> Be careful not to spill salt around the salt filling hole when adding salt. Scattered salt can cause scratches. Always make sure the lid of the salt container is properly closed after filling. Run the prewash program to remove

the salt scattered in the appliance. As the remaining salt granules under the lid will be dissolved during the prewash and loosen the lid, check the lid again at the end of the programme.

- Water hardness setting is low or salt level is insufficient >>> Measure supply water hardness and check water hardness setting.
- The dishes are not sorted in order in the machine. >>> When placing the glasses and other glass dishes in the basket, do not lean them against other dishes but against the corners or supports of the basket or the support rod for the glasses. The impact of glasses with each other or with other dishes due to the impact of water during washing can break them or scratch their surface.

A film similar to a milk stain remains on the glasses and does not disappear when wiped off with the hand. A bluish / rainbow appearance can be distinguished when the glass is turned towards the light.

- Too much rinse aid is used. >>> Reduce the rinse aid setting. Clean up rinse aid that overflows when adding rinse aid.
- Corrosion occurs on glass due to soft water. >>> Water hardness setting is low or salt level is insufficient >>> Measure supply water hardness and check water hardness setting. If your water is soft (<5dH), do not use salts. Choose programs that wash at higher temperatures (eg 60-65°C). You can also use commercially available glass cleaners.

Foam forms in the machine.

- Dishes are hand washed with hand wash detergent but not rinsed before being placed in the machine. >>> Hand dishwashing products do not contain anti-foaming agents. It is not necessary to hand wash the dishes before placing them in the machine. Removing the bulk of the dirt with a paper towel or a fork is sufficient.
- Rinse aid overflowed into machine when added. >>> Be careful not to overflow the rinse aid into the machine when filling it. Clean up the spilled product with a paper towel.
- The lid of the rinse aid container is left open. >>> Make sure the rinse aid reservoir lid is closed after adding rinse aid.

Kitchen utensils are broken.

- The dishes are not sorted in order in the machine. >>> Load the dishes as described in the user manual.
- The baskets are overloaded. >>> Do not overload the baskets beyond their capacity.

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

- The filters are clogged. >>> Check if the filter system is clean. Periodically clean the filter system as shown in the "Cleaning and Maintenance" section.

- The drain hose is clogged/blocked. >>> Check the drain hose. If necessary, remove the drain hose, unblock it and reattach it as shown in the user manual.
-  If you cannot solve the problem by following the instructions in this section, consult your supplier or Authorized Agent. Never attempt to repair a defective product yourself.