



Dishwasher

User Manual



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RECYCLED &
RECYCLABLE PAPER

Please read this manual first!

Dear Customer,

Beko thank you for choosing the product. 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.

Follow all warnings and information in the user manual. By this way, you will protect yourself and your product against possible dangers.

Keep the user manual as a reference for future use. If you handover the product to someone else, give the user manual as well. The warranty conditions, usage and troubleshooting methods for your product are provided in this manual.

Symbols and Their Explanations

Throughout this user manual the following symbols are used:

	Danger that may result in death or injury.
	Important information or useful hints about usage.
	Read the user manual.
NOTICE	Danger to the product or its surroundings that may result in material damage.

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1 Safety Instructions

This section contains safety instructions that will help protect from risk of personal injury or property damage.

Our company shall not be held responsible for any damages that may arise in case of non-compliance with these instructions.

- Installation and repair procedures must always be performed by Authorised Service Agents.
- Use only original spare parts and accessories.
- Do not repair or replace any component of the product unless it is clearly specified in the user manual.
- Do not make technical modifications to the product.

1.1 Intended Use

This product is intended for use in homes and in the following types of enclosed spaces: For example;

- Staff kitchens of shops, offices and other working environments;
- Farm houses;
- Areas for the use of guests of hotels, motels and other accommodation facilities;
- Places serving bed and breakfast, hostel-like environments.

- The product should only be used for household dish washing.

- The product is not suitable for commercial or public use.
- The lifetime of the product you have purchased is 10 years. This is the period for which the spare parts required for the operation of this product as defined.
- This product is intended for use in the home and under counter.

1.2 Child, vulnerable person and pet safety

- 8 years and older children and people with reduced physical, sensory, and mental abilities as well as unskilled or inexperienced persons can use this appliance provided that they are supervised and instructed on safe use of the appliance as well as to the related dangers.
- Children under 3 years of age should be kept away from the product unless constantly supervised.
- Children should not play with the appliance.

- Electrical products are dangerous for children and pets. Children and pets must not play with, climb on or enter into the product.
- Remember to close the door of the product when leaving the room where the product is located. Children and pets can be locked inside the product and suffocate.
- Cleaning and user maintenance must not be made by children without supervision.
- Keep the packing materials away from the children. Risk of injury and suffocation.
- Keep all detergents and additives used in the product out of the reach of children.
- For the safety of children, disconnect the power plug and break the locking mechanism before disposing of the product.
- Do not pinch the power cord under or behind the product. Do not place a heavy object on the power cord. The power cord must not be excessively bent or crushed, and must not come into contact with any heat source.
- Do not use an extension cord, multiple power outlets, or adapters to operate the product.
- Portable multiple power outlets or portable power supplies can overheat and cause a fire. Therefore, do not keep multiple power outlets behind and near the product.
- The plug must be within easy reach. If this is not possible, the electrical installation to which the product is connected must be equipped with a device (fuse, switch, circuit breaker, etc.) that complies with electrical regulations and disconnects all poles from the mains.
- Do not touch the plug with wet hands.
- When removing the plug from the socket, pull it by the plug, not by the cable.

1.3 Electrical safety

- The product must not be plugged in during installation, maintenance, cleaning, repair and transport.
- If the power cord is damaged, it must be replaced by an authorised service centre to prevent possible hazards.

1.4 Transportation Safety

- Before transporting the product, unplug the plug and disconnect the drain and water supply connections. Drain the water remaining inside the product completely.
- Do not carry the product alone as it is heavy.

NOTICE Do not hold the door or panel to move the product.

NOTICE If you have to move the product, move it in an upright position and hold it by the back. Tilting the product towards the front may cause the electronic parts inside to get wet and damaged.

NOTICE When putting the product in place after installation or cleaning, take care not to fold, pinch or break the hoses.

1.5 Installation Safety

- To make the product ready for use, check the information in the manual and installation instructions to make sure that the electrical installation, clean water installation and drainage are appropriate. Otherwise, call a qualified electrician and plumber to make the necessary arrangements. These processes are at the customer's expense.
- Before installing the product, inspect the product for any damage. Do not install the product if it is damaged.
- Do not install the product in places where the temperature drops below 0 °C.
- Do not place the product on a carpet or similar surface. It causes fire risk since it cannot get air from the bottom.
- Place the product on a clean, flat and hard floor and balance it with the help of adjustable feet. If the feet are not adjusted properly, the door may not close completely and hot vapour may escape. It may cause serious burns and injuries and may also damage your furniture.
- Do not install the product near heat sources (radiators, stoves, etc.) and do not install it under the cooking area of a hob.
- If the product is intended to be used in a cupboard/cabinet/module, keep the cupboard doors open during operation if there are no gaps to ensure sufficient air circulation.

- Connect the product to an earth-grounded socket protected by a fuse rated in accordance with the current ratings indicated on the rating plate. Have the earthing installation done by a qualified electrician. Do not use the product without earthing in accordance with local/national regulations.
- Plug the product into an outlet complying with the voltage and frequency values indicated on the rating plate.
- Do not plug the product into sockets that are loose, out of the socket, broken, dirty, greasy, at risk of contact with water (e.g. water that may leak from the workbench).

NOTICE The new hose sets supplied with the product must be used. Do not reuse old hose assemblies. Do not splice the hoses.

NOTICE Connect the water inlet hose directly to the water tap. The pressure supplied from the tap must be at least 0.03 MPa (0.3 bar) and no more than 1 MPa (10 bar). If the water pressure exceeds 1 MPa (10 Bar), a pressure reducing valve must be installed. Maximum allowable water temperature is 25°C.

- Position the power cable and hoses so that there is no risk of tripping.

1.6 Operation Safety

Only detergents, rinse agents and additives intended for dishwashers should be used.

Never use chemical solvents in the product. These substances pose a risk of explosion.

Do not drink the wash water in your product.

Dishwasher detergents contain strong alkali, which can be extremely dangerous if swallowed. Avoid contact with skin and eyes and do not allow children near the product when the lid is open. Check that the detergent tank is empty after the wash cycle is completed.

When you pull out the upper and lower baskets completely, the door of the product takes the entire load of the baskets. Do not sit or place other loads on the door, otherwise the product may tip over.



Product's Maximum Washing capacity: Indicated on the Energy Label and Quick Use Card under Cycle Table.

To avoid possible injury, always place long and pointed dishes such as serving forks, bread knives, etc. in the cutlery basket

with the pointed end downwards or horizontally on the dishwashing baskets.

If you need to open the door while the product is running, open it carefully. Be careful of hot steam and splashes of hot water.

Do not operate a faulty or damaged product. Unplug the product (or switch off the fuse to which it is connected), turn off the water tap and call for authorised service.

Do not place a flame source (burning candle, cigarette, etc.) on or near the product. Do not place flammable/explosive materials near the product.

Do not climb on the product.

Unplug the product and switch off the tap when you will not use the product for a long time.

This product is designed to operate up to 2000 m. above sea level.

2 Environmental Instructions

2.1 Compliance with WEEE Regulation and Disposal of Waste Products

This product does not contain harmful and prohibited substances specified in the "Regulation on the Control of Waste Electrical and Electronic Equipment" published by the Ministry of Environment and Urbanisation of the Republic of Turkey. It complies with WEEE Regulation.



1.7 Maintenance and Cleaning Safety



Do not wash the product by spraying or pouring water on it.



Do not use sharp or abrasive tools to clean the product. Do not use materials such as household cleaning agents, detergents, gas, gasoline, alcohol, wax, etc.



Wear gloves worn when cleaning the product.



Be careful of possible injuries when cleaning sharp surfaces on the back of the product!

NOTICE! Remember to install the filter of your machine back after cleaning it. Otherwise, the pumps may get clogged and the product may get damaged.

Interior Lighting



Contact a service when you need to replace the LED/bulb used for lighting according to the model of your machine.



This product is manufactured from high quality parts and materials that are recyclable and reusable. Therefore, do not dispose of the product with household or other waste at the end of its service life. Take it to a collection point for recycling electrical and electronic equipment. Ask the local authority in your area for these collection points. Help protect the environment and natural resources by recycling used products. Be-

fore disposing of the product, disconnect the power plug for the safety of children and break the locking mechanism of the loading door to render it inoperable.

2.2 Package Information

The packaging of the product is made of recyclable materials in accordance with our National Legislation. Do not dispose of packaging waste with household or other waste, dispose of it at the packaging collection points specified by the local authorities.

2.3 Note for Test Institutes

The information required for performance tests is available on request.

You can send your request via the e-mail address below:

dishwasher@standartloading.com

In your enquiry e-mail, be sure to include your contact details as well as the code, stock number and serial number of the product to be tested. The product code, stock number and serial number can be found on the type label attached to the side of the door

2.4 Standard conformity and test information / EC declaration of conformity

CE The development, production and sale of this product are carried out in accordance with the safety regulations of all relevant directives of the European Community.
2014/35/EU, 2014/30/EU, 93/68/EC, IEC 60436 / EN 60436

2.5 This section applies for products with Wifi feature.

Frequency Band 2.4Ghz

Max. Conduction Power : < 100mW

Declaration of conformity for CE Arçelik A.Ş. hereby declares that this appliance complies with Directive 2014/53/EU. The full text of EU Conformity Declaration is on the web site:
Products, address
support.beko.com

2.6 Energy Label

 You can access technical information about the product by scanning the QR code on the energy label with a mobile device connected to the internet.



XXXXXXXXXX (*)



3 Technical Specifications

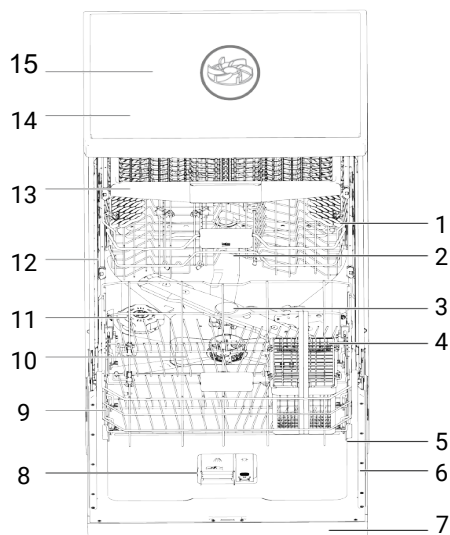
Maximum washing capacity: Indicated on the Energy Label and Quick Use Card under Cycle Table.
Height: See installation manual for height information.
Width: 45
Depth:55-60
Electricity input:220-240 V, 50 Hz
Total power:1800-2100 W
Heater power:1800 W
Total current: 10 A *
Pump power:90 W
Drain pump power: 30 W *
* For detailed electrical values see the type label on the dishwasher's door.
Water Pressure 0.3 -10 bar (= 3 – 100 N/cm ² = 0.03-1.0 Mpa)

 Technical specifications may be amended without prior notice to improve product quality.

 The figures in the manual are schematic and may not be in exact harmony with the product.

 The values provided with the appliance or its accompanying documents are laboratory readings in accordance with the respective standards. These values may differ depending on the use and ambient conditions.

4 General View



- | | |
|--|--|
| 1 Upper Basket | 2 Upper Spray Arm |
| 3 Lower Spray Arm | 4 Cutlery Basket(depends on the model) |
| 5 Door | 6 Type Label |
| 7 Control Panel | 8 Detergent Compartment |
| 9 Lower Basket | 10 Filters |
| 11 Salt Compartment Cover | 12 Upper Basket Rail |
| 13 Ceiling Cutlery Basket (depends on the model) | 14 Upper Rack (depends on the model) |
| 15 Upper Impeller (depends on the model) | |

Type label varies depending on the model.



Illustration 1:

5 Installation



Read the 'Safety Instructions' section first!

The preparation of the electrical, clean water and waste water installation of the place where the product will be placed is under the responsibility of the customer. Before calling the authorised service to make the product ready for use, if the electrical installation, clean water installation and water drainage are not suitable, call a qualified electrician and plumber to make the necessary arrangements.



Installation and electrical connections must be carried out by the authorised service. The manufacturer cannot be held responsible for any damages that may arise from the operations performed by unauthorised persons.



Before installing the product, inspect the product for any damage. Do not install the product if it is damaged. Damaged products pose a danger to your safety.



For free-standing and under-counter models, do not remove the kick plate of the appliance. This will void the warranty.

- When placing the product in place after installation or cleaning, make sure that the water inlet and drain hoses are not folded, pinched or broken.
- Be careful not to damage the floor, wall, pipes, etc. when placing the product. Do not hold the door or panel to move the product.

5.1 Correct location for installation

- There must not be any lockable, sliding or hinged doors in the place where the product is installed, which would restrict the full opening of the door.

- Place the product on a solid and level surface with sufficient load-bearing capacity! Placing the dishwasher on a level surface is essential for the door to close properly and tightly.
- Do not install the product in places where the temperature drops below 0 °C.
- Place the product on a hard floor. Do not place it on a long-pile carpet or similar surface.
- Choose a place where you can load and unload the dishes easily and quickly.
- Place the product close to the tap and drain. Choose the location of the product in such a way that you do not change it after it has been connected.



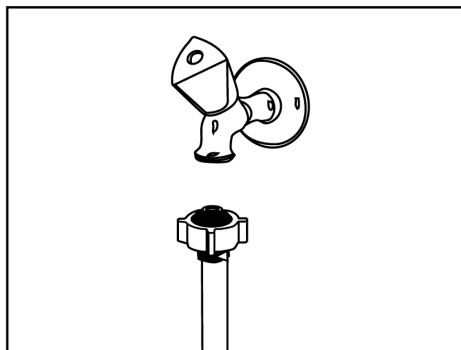
Do not place the product on the power cable. The cable may be damaged, causing a risk of electric shock or fire.

5.2 Connecting to the water supply

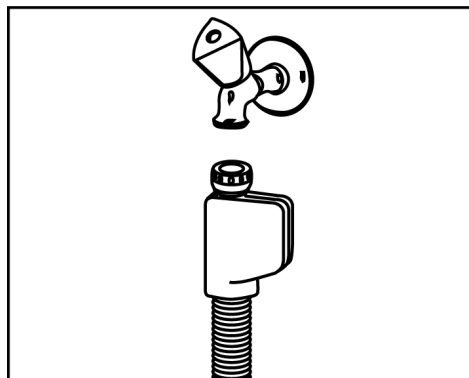
To prevent dirt (sand, clay, rust, etc.) from the city network or your water supply system from damaging the dishwasher and your dishes, we recommend installing a filter on the water inlet.

Maximum allowable water inlet temperature:

- With AquaSafe+ feature containing models, it is 60 °C.
- Up to 25 °C for other models.



AquaSafe+ feature



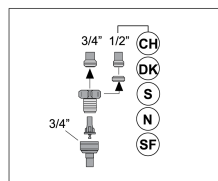
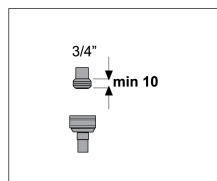
- Protect the AquaSafe+ against water leaks at the hose inlet. Water contact with the valve box of the system must be prevented. Otherwise, electrical components will be damaged.
 - Do not shorten the hose in any way or extend it with additional parts as the hose contains electrical connections and components.
 - If the system is damaged, unplug the product and call the authorised service.
- The dishwasher must not be connected to warm water appliances or running water heaters.

NOTICE Do not use an old or used water inlet hose on a new product. Use the new water inlet hose supplied with the dishwasher. Do not splice the hoses.

NOTICE Connect the water inlet hose directly to the water tap. The pressure supplied from the tap must be at least 0.3 and no more than 10 bar. If the water pressure exceeds 10 Bar, a pressure reducing valve must be installed.

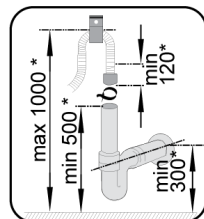
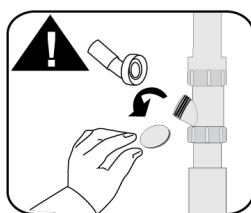
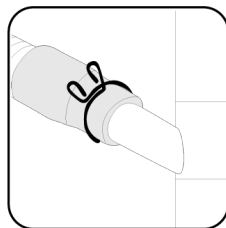
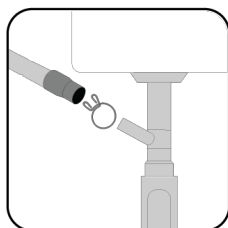
NOTICE The water supply and drain hose must be securely fastened and undamaged.

NOTE After making the connections, open the tap fully and check for water leaks.



5.3 Connecting to the water drain

The water drain hose can be connected directly to the waste water drain or to the drain of the sink. For more detailed information, refer to the installation instructions supplied with your dishwasher.



* mm

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

5.4 Adjusting the feet

If the door of the product does not close properly or shakes when you push it gently with your hand, this means that the feet are not adjusted. Adjust the feet of the product as shown in the installation manual supplied with the product.



Hot steam may escape if the dishwasher door is not adjusted properly. Serious burns can cause injury and damage your furniture.

5.5 Electricity connection



Connect the product to a grounded socket protected by a fuse in accordance with the values in the "Technical specifications" table. Our company shall not be responsible for any damages that may occur if the product is used without grounding in accordance with local regulations.

- The connection must comply with national regulations.

- The plug of the power cord must be easily accessible following the installation.
- Connect the product to a grounded socket protected by a 16 ampere fuse.
- The specified voltage must be equivalent to your mains voltage.



Do not connect with extension cords or multiple sockets.



A damaged power cord must be replaced by authorised service.

6 Preliminary



Read the "Safety Instructions" section first!



If the tap water hardness is over 7°dH, it should be softened. Otherwise, hardness ions will accumulate on the washed items and may affect the washing, polishing and drying performance of the machine.

6.1 What to do to save energy

The following information will help you use the product in an ecological and energy-saving way.

Clean all the coarse waste on the dishes before placing them in the machine.



It is not recommended to pre-clean the dishes before loading them into the machine as this will cause energy and water consumption.



Washing dishes with a dishwasher consumes less energy and water than washing them by hand.

After the machine is fully filled, start it. When choosing a program, pay attention to the "Program Information and Average Consumption Values Table".

Do not use more detergent than recommended on the detergent packaging.

6.2 Water softening system

The machine has a special water softening system that reduces the hardness of the mains water. This system softens the water to the required level to wash the dishes to the desired quality.

Adjusting the water softener system

When the water softening system is adjusted correctly, washing efficiency will increase.

Read the section on adjusting the water softener system first.

The regeneration of the water softening system can be carried out in all programs during the drying step. When the regeneration process is performed, the duration, energy and water consumption of the program increase. For the regeneration process; when the dishwasher is operated with a water supply of 14 dH under standard conditions in the Eco 50°C program, the frequency of the regeneration process, maximum additional time, water and energy consumption depending on the water consumption of the Eco 50°C program are given in the table below.

Eco 50°C water consumption (l)	... cycle then renewal	Additional time (min)	Additional water consumption (l)	Additional energy consumption (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

For water consumption in the Eco 50°C program of your dishwasher, please refer to the Program Information and Average Consumption Values Table given in the Program Table.

6.3 Setting the Water Softening System

Setting the water softening system correctly will improve your dishwasher's washing, rinsing, and drying performance.

NOTICE! To set the system, first find out your water hardness level from the authorised service in your region and set it as follows.

1. After turning on your dishwasher, press and hold the Delay and Start Wait Cancel buttons respectively.
2. Turn LEDs 9 and 3 on by using the delay key.
3. You may set the water hardness level with the function keys.
4. Save by pressing On / Off key.

Hardness Level	English Hardness °dE	German Hardness °dH	French Hardness °dF	Water Hardness Level Indicator
0. Level 	0-5	0-4	0-8	The 1st Program LED illuminates at Level 0.
1. Level 	6-9	5-7	9-13	The 1st Program LED illuminates at Level 1.
2. Level 	10-15	8-12	14-22	The 2nd Program LED illuminates at Level 2.
3. Level 	16-19	13-15	23-27	The 3rd Program LED illuminates at Level 3.
4. Level 	20-24	16-19	28-34	The 4th Program LED illuminates at Level 4.
5. Level 	25-62	20-50	35-90	At Level 5, Program LED 1,2,3,4 illuminates.

Table 1: Water Hardness Level Setting Table

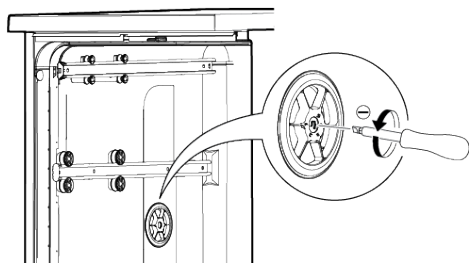
Make the same hardness level you set on the control panel with the regeneration adjustment switch. For example, if the setting on the control panel is 3, set the regeneration setting switch to 3.

- If the hardness of the water you use is above 50°dH (French hardness) or if you use well water, it is recommended to use filters and water purifiers.

- If the hardness of the water you use is below 7°dH, you do not need to use salt in your dishwasher. In this case, the "Low Salt Indicator Light" on your dishwasher control panel will be on continuously.
- If your water hardness setting is at level 1, the "Low Salt Indicator Light" will remain on continuously even though you do not need to use salt. If you do add salt in this position, the salt will not be consumed and the lamp will not come on.

- i** In case of relocation, you need to adjust the water hardness setting of your dishwasher again according to the water hardness of the place you move to, taking into account the information given above. If the water hardness setting of your dishwasher has been adjusted before, the last water hardness setting will be displayed on the screen of your dishwasher.

Mechanical Water Hardness Adjustment



The glassware care setting is used to alter the hardness of the pre-softened wash water in the dishwasher. Make the adjustment according to the water hardness setting. Make the adjustment using a wide, flat screwdriver. Use the screwdriver to turn the mechanical glassware care adjustment switch. Simply turn the mechanical switch to the same position as the water hardness setting.

For example,

Set the Mechanical Glassware Care adjustment switch to position 3 for water hardness setting "r3"

Set the Mechanical Glassware Care adjustment switch to position 4 for water hardness setting "r4"

6.4 Filling the salt

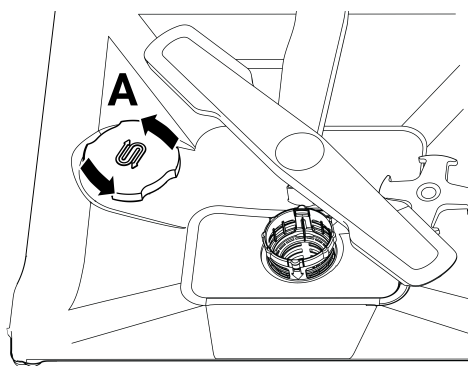
In order for the machine to operate at the same performance continuously, the water softening system needs to be renewed. Dishwasher salt is used for this purpose.

- i** Use only special softening salt produced for use in dishwashers.

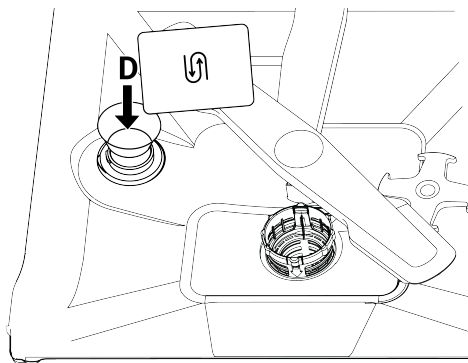
- i** It is recommended to use granulated or powdered softening salts in the water softening system. Do not use table salt, rock salt, etc. that do not fully dissolve in water. Otherwise, the performance of the system may deteriorate over time.

- i** The salt compartment fills with water when you turn the machine on, so fill the salt compartment before starting the machine.

1. To add softening salt, first remove the lower basket.
2. Open the salt compartment cover by turning it counterclockwise (A).



3. Add 1 litre of water to the salt compartment only when using your machine for the first time.
4. Fill the salt container with salt (D). Stir with a spoon to speed up the dissolution of the salt in the water.



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

5. Once the compartment is full, replace the cap and turn it.

i Salt should be added just before starting the machine. In this way, the overflowing salt water is cleaned immediately and the risk of corrosion inside the machine is prevented. If you are not going to wash immediately, run your machine empty and without detergent in the shortest program.

i Depending on the different brands of salt in the market and the water hardness, it may take several hours for the salt to dissolve in water. Therefore, after the salt is filled into the machine, the "Salt Deficiency Warning Indicator" will continue to light for a certain period of time.

6.5 Detergent

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

! Use only detergents designed for use in dishwashers. We recommend that you do not use detergents containing chlorine or phosphates, as they are harmful to the environment.

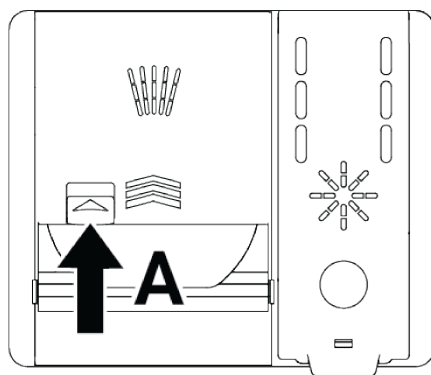
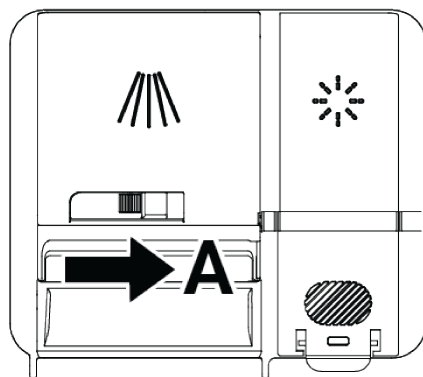
Filling the detergent

To obtain good washing and drying results, pay attention to the warnings given on the detergent packaging. For additional questions, please contact the detergent manufacturer.

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

Put the detergent into the detergent compartment just before starting the machine as follows.

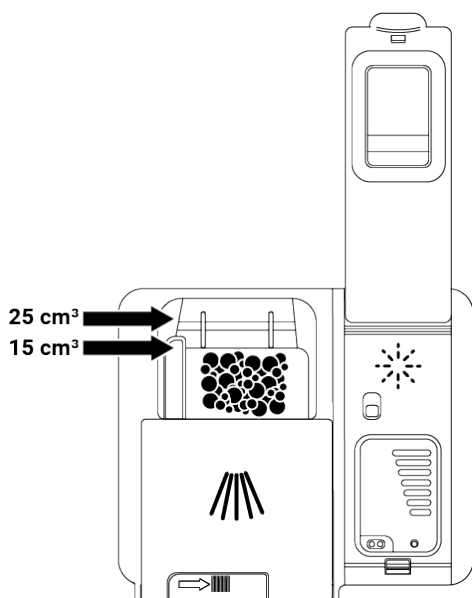
1. Open the detergent compartment cover by pushing the latch to the right (A). (depending on model)



2. Put the specified amount of powder, liquid/gel or tablet detergent into the compartment.

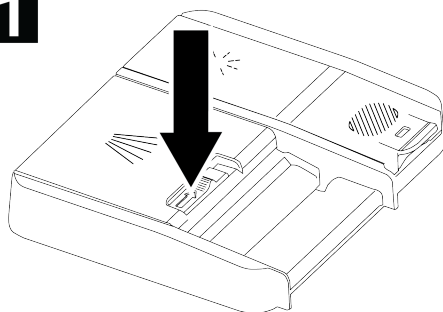


There are level lines inside the detergent compartment to help you use the right amount of powder detergent. When the detergent compartment is full, it takes 45 cm^3 of detergent. Depending on the filling level of the machine and / or the dirtiness of your dishes, fill the detergent compartment up to the 15 cm^3 or 25 cm^3 level lines. In case of tablet detergent, one tablet is sufficient.

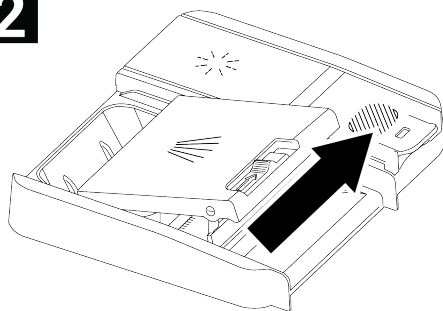


3. Close the detergent compartment cover by pushing it in the direction of the arrow. A "click" sound will be heard when the cover is closed.

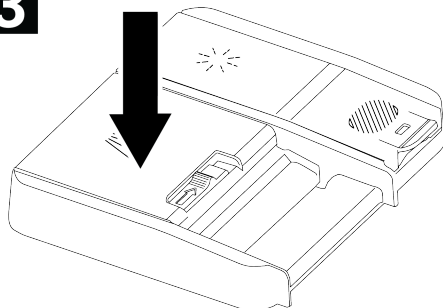
1



2



3



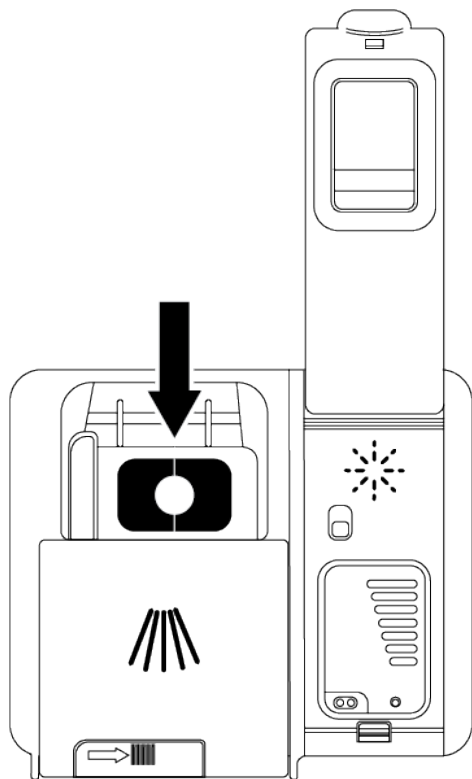
Since the solubility of tablet detergents varies depending on temperature and time, be sure to use powder or liquid / gel detergent in short programs without pre-washing.

Tablet Detergents

In addition to classic tablet detergents, there are also tablet detergents on the market that contain water softening salt and/or rinse aid. Some also contain special components such as glass protector and stainless steel protector. These tablets work up

to a certain water hardness level (21°dH). Above this level, water softening salt and rinse aid should be used together with the tablet detergent.

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



When using tablet detergents, follow the manufacturer's instructions on the detergent packaging.

If your dishes are wet when the wash cycle ends and/or you see limescale stains, especially on your glasses, contact the detergent manufacturer.

When you switch from tablet detergent to powder detergent:

- Make sure the salt and rinse aid compartments are full.
- Set the water hardness setting to the highest position and run a wash program with the machine empty.

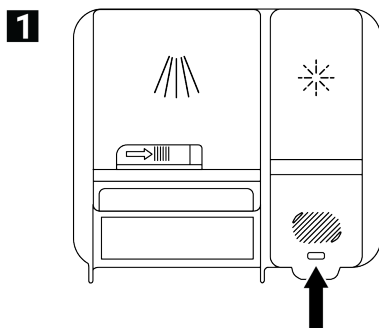
- After an empty wash, readjust the water hardness setting appropriate for your tap water by referring to the user manual.
- Adjust the rinse aid setting appropriately.

6.6 Polisher

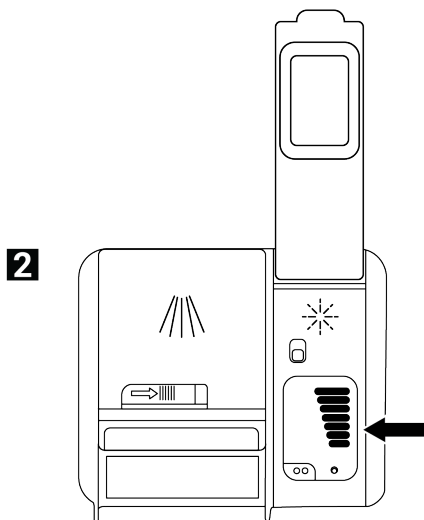
The rinse aid used in dishwashers is a special compound designed to increase drying efficiency and prevent water or limescale residues from remaining on the washed items. Therefore, care should be taken to ensure that there is rinse aid in the rinse aid compartment and that only rinse aids produced for use in dishwashers should be used.

Filling the rinse aid

1. Open the rinse aid lid using the latch.

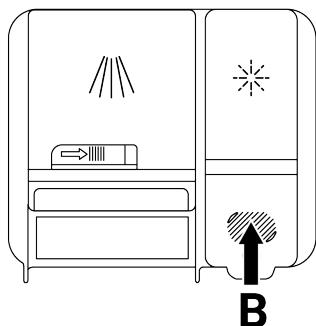


2. Fill the compartment to the MAX level.



3. Close the compartment lid by pressing it gently.

3



4. If there are water marks on the dinnerware after washing, it is necessary to increase the degree of the adjuster, and if a blue mark remains when wiped by hand, it is necessary to decrease it. This setting is set to position 3 when leaving the factory.



Rinse aid settings are explained under the heading "Adjusting the amount of rinse aid" in the operating section of the machine.



Wipe off any rinse aid that spills outside the compartment. Rinse aid accidentally spilled will cause foaming and reduce washing performance.

6.7 Parts that are not suitable for washing in the dishwasher

- Never wash dishes contaminated with cigarette ash, candle residue, polish, paint, chemicals, etc. in the machine.
- Do not wash forks, spoons and knives with wooden or bone handles, glued parts, plastic parts that are not heat-resistant, copper and tin containers in the machine.



Dishwasher-safe, as with hand washing, can cause discoloration and tarnishing of decorative prints on porcelain, aluminum, and silver. Some delicate glass and crystal types can lose their transparency over time. We recommend that you pay particular attention to whether the new tableware you purchase is dishwasher-safe.

6.8 Placing Dishes in the Machine

If you place the dishes correctly in accordance with the washing capacity of your dishwasher, you will use the machine in the best way in terms of energy consumption, washing and drying performance.

- Before placing your dishes in the machine, scrape off any food residue (bones, fruit seeds, etc.) on them.
- If possible, place thin, narrow-bodied pieces in the center stems of the baskets.
- Place very dirty and large items in the lower basket and small, delicate and light items in the upper basket.
- Place deep containers such as bowls, glasses, and pots with their mouths facing downwards. This will prevent water from accumulating in them.

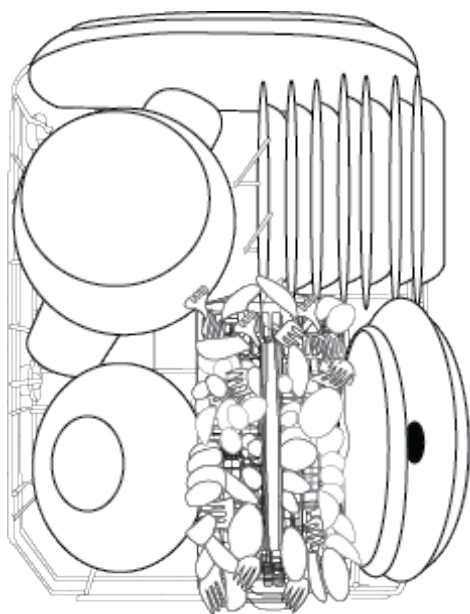


To prevent possible injuries, always place long and sharp dishes such as serving forks, bread knives, etc. in the cutlery basket with their sharp points facing downwards or horizontally on the dish baskets.

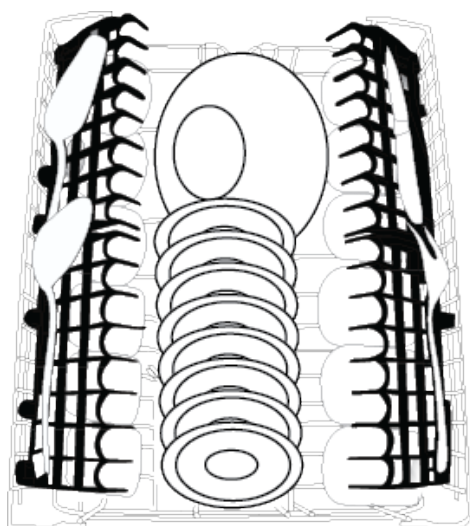
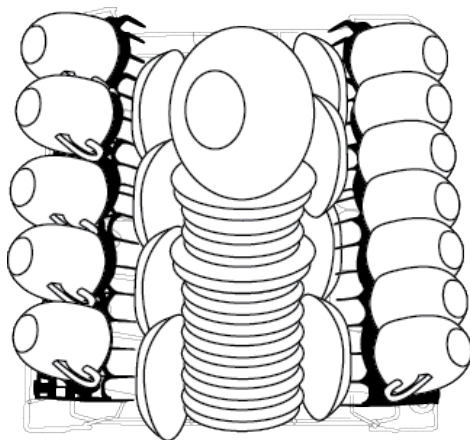
First unload the dishes in the lower basket, then the dishes in the upper basket.

Alternative Basket Layout Examples

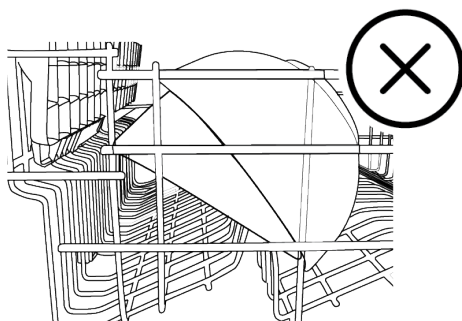
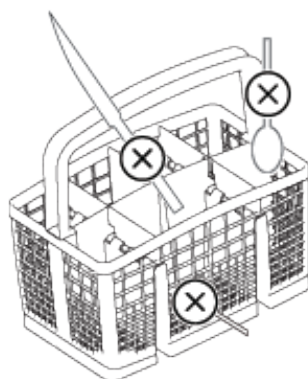
Lower Basket

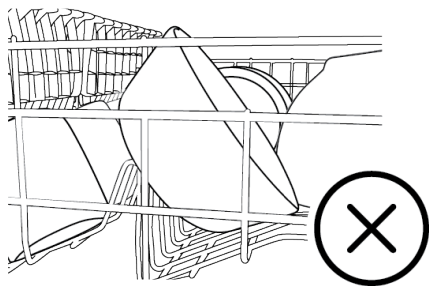
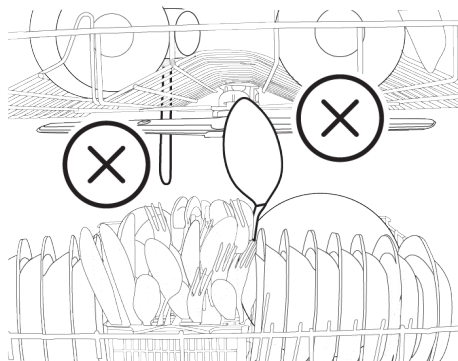


Upper Basket



Incorrect Placements



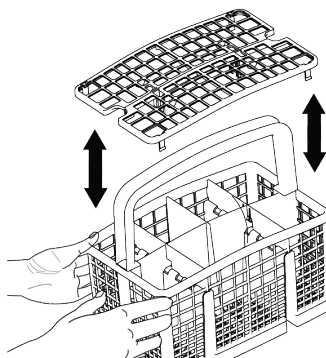
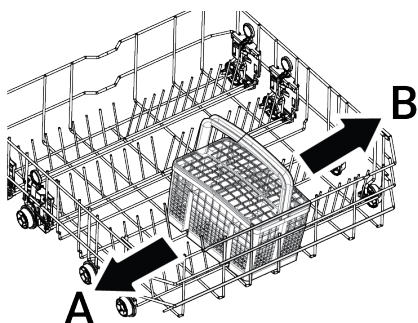


6.9 Cutlery basket

(model dependent)

The cutlery basket is specially designed to wash your dishes such as knives, forks, spoons, etc. more cleanly.

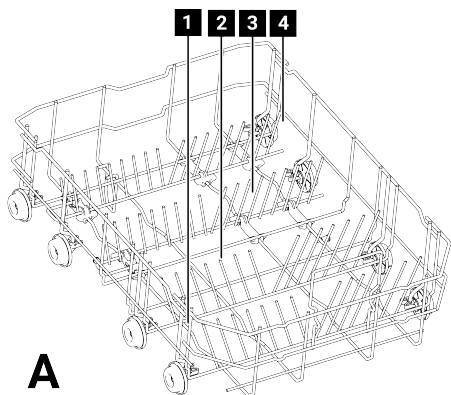
Thanks to the movable (A, B) feature of the cutlery basket, you can create larger areas and make room for dishes of different sizes when placing your dishes in the lower basket.



6.10 Foldable Lower Basket Wires

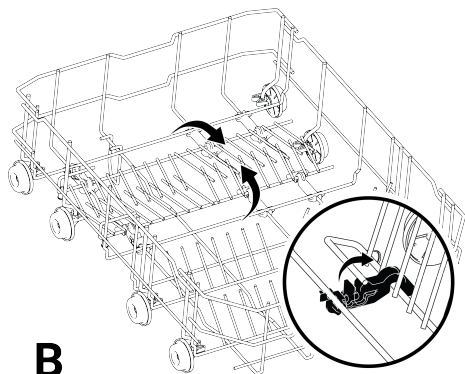
(model dependent)

The four-piece folding wires in the lower basket of your machine are designed to allow you to place large items such as pots, bowls, etc. more easily (1,2,3,4). If you wish, you can create larger areas by folding each piece individually or all at once.



A

To put the foldable wires in a horizontal position, hold the wires in the middle and push them in the direction of the arrows (B). To put the wires back in an upright position, lift them up. The foldable wires will fit back into the clip.

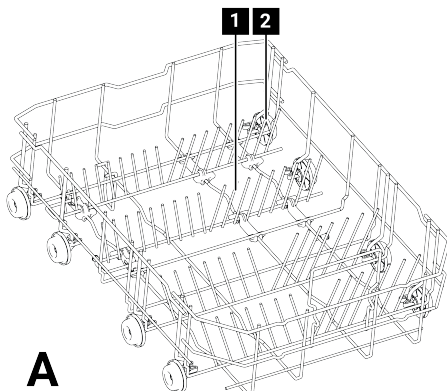


B



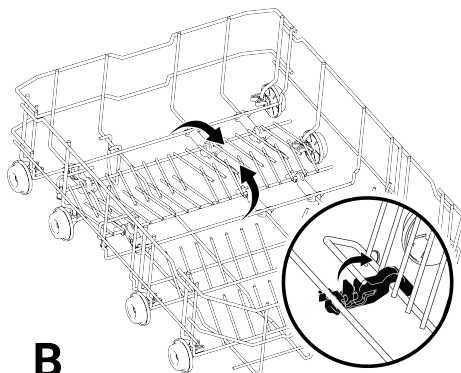
Holding the wires from their ends and placing them in a horizontal position may cause them to bend. For this reason, it would be appropriate to hold the wires in the middle from their bases and push them in the direction of the arrow, placing them in a horizontal or vertical position.

The two-piece folding wires located under your machine are designed to allow you to place large items such as pots, bowls, etc. more easily (1,2). If you wish, you can create larger areas by folding each piece individually or all at once.



A

To put the foldable wires in a horizontal position, hold the wires in the middle and push them in the direction of the arrows (B). To put the wires back in an upright position, lift them up. The foldable wires will fit back into the clip.



B

6.11 Foldable Lower Basket Wires

(model dependent)



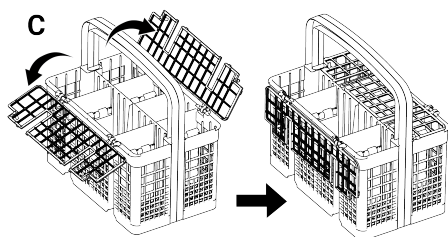
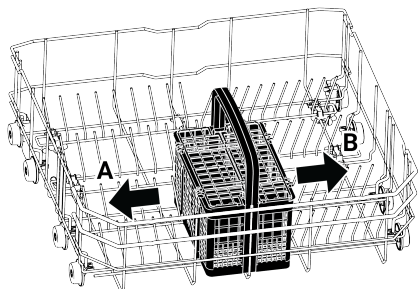
Holding the wires from their ends and bringing them to a horizontal position may cause them to bend. For this reason, it would be appropriate to hold the wires in the middle from their bases and push them in the direction of the arrow, bringing them to a horizontal or vertical position.

6.12 Cutlery basket

(Depending on model)

The cutlery basket is specially designed to wash your dishes such as knives, forks, spoons, etc. more cleanly.

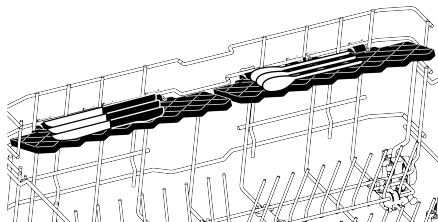
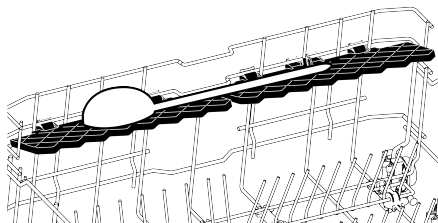
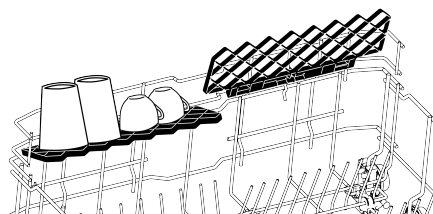
Thanks to the movable feature of the cutlery basket (A, B), you can create larger areas when placing your dishes in the lower basket and make room for your dishes of different sizes. If you want to place more cutlery, you can fold the separators to the side. (C)



6.13 Lower basket multi-purpose / height adjustable service shelf

(model dependent)

Thanks to this accessory located in the lower basket of your machine, you can easily wash your extra glasses or items such as long ladles and bread knives.



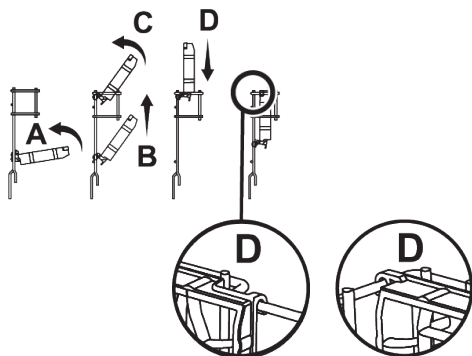
You can use the shelves as you wish by positioning them up or down, or you can close them to create ample space in your lower basket.



Make sure the fan does not hit the dishes you place on the shelves.

To bring the shelves into closed position;

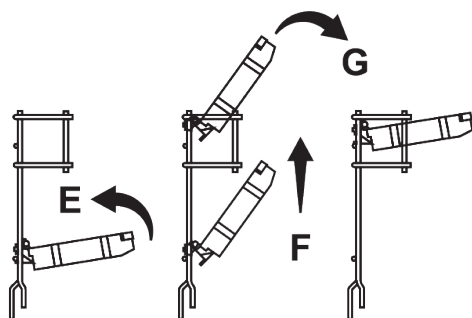
1. Fold the shelf (A).
2. Slide the shelf up (B).
3. Place the shelf in the upright position (C).
4. Slide the shelf down and lock it using the tabs (D).



You can turn the shelf into open position by doing the same process in reverse.

To adjust the height of the shelves:

1. Fold the shelf (E).
2. Slide the shelf up (F).

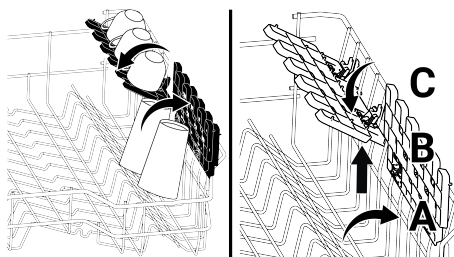


3. Open the shelf to the desired level (G).

6.14 Height Adjustable Upper Basket Shelf

(model dependent)

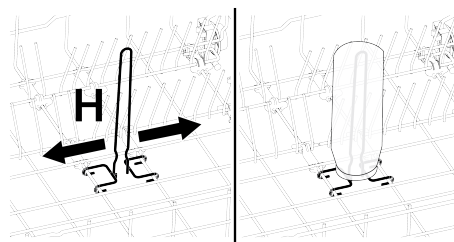
You can use the height-adjustable shelves in the upper basket of the machine as you wish by moving the lower and upper parts up or down according to the height of the glasses, cups, etc. (A, B, C).



6.15 Bottom basket bottle wire

(Depending on the model)

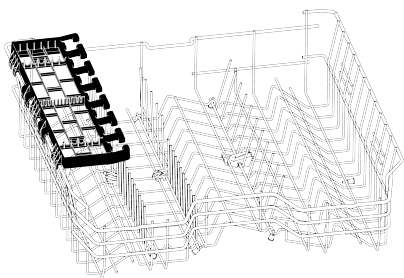
The bottle wire is designed to help you wash wide-mouthed and tall items more easily. When you are not using the bottle wire, you can remove it from your basket by pulling it outwards from both sides (H).



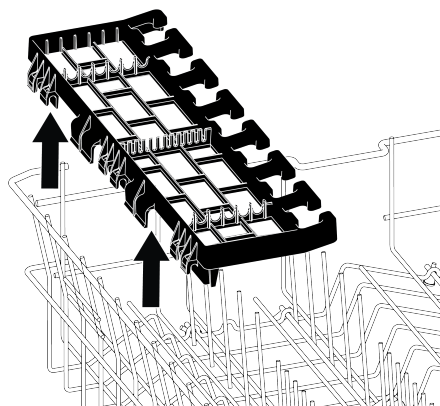
6.16 Upper basket multi-purpose service shelf

(Depending on the model)

Thanks to the multi-purpose service shelf in the upper basket of your machine, long service and kitchen utensils can be easily loaded and washed. In addition, the glass foot fixing sections located at the front of this accessory help to place glasses of appropriate size in the upper basket more easily.



When you do not want to use it, you can remove the upper basket multi-purpose service shelf by lifting it up.



You can easily attach the upper basket multi-purpose serving shelf to the edge of your upper basket for reuse.

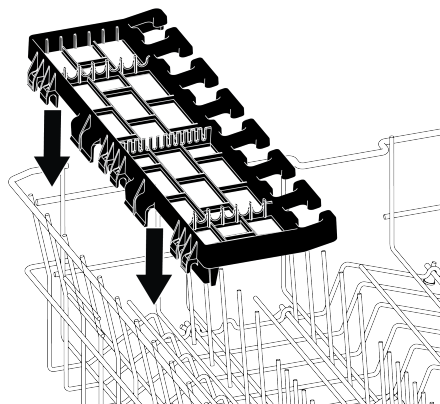


Illustration 2:

6.17 Adjusting the height of the upper basket

(Depending on the model)

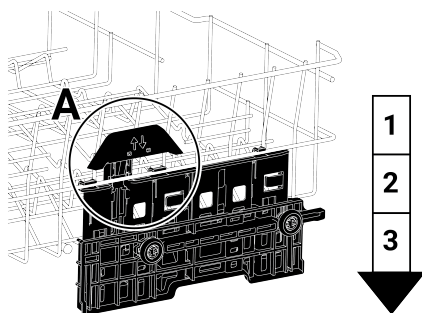
The upper basket height adjustment mechanism is designed to create large areas in the upper or lower areas of the machine according to your needs by adjusting the height up or down when your basket is empty or full.

With this mechanism, you can use your basket in three different positions: bottom, middle and top.

To lower the basket while it is in the top position;

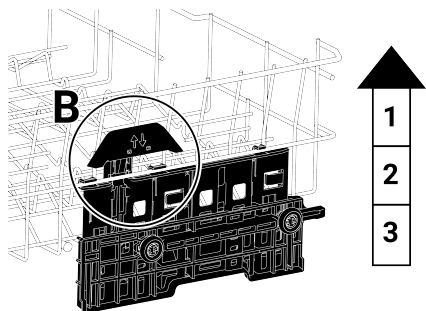
1. Hold the upper basket wires with both hands and lift the handle on the mechanism upwards as shown in the figure (A).
2. Lower the basket from its current position to the lower position.
3. Once your basket reaches the lower level, release the basket.

If the height is not sufficient, repeat the same process.



1. To raise your basket, hold the upper basket wires with both hands and pull upwards while the basket is in its lowest position (B).
2. When the basket reaches the upper level with a "Click" sound coming from the right and left mechanisms, release the basket.

If the height is not sufficient, repeat the same process.



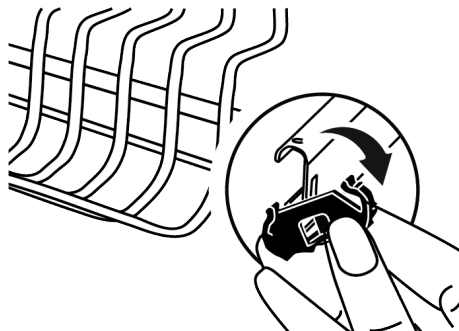
i The movement mechanism may not work properly if the upper basket is overloaded or the weight distribution is not balanced. In heavier conditions, there is a risk of falling to the lower level.

i Make sure that the adjustment mechanism is in the same position on the right and left of the upper basket.

6.18 Adjusting the height of the upper basket

(Depending on the model)

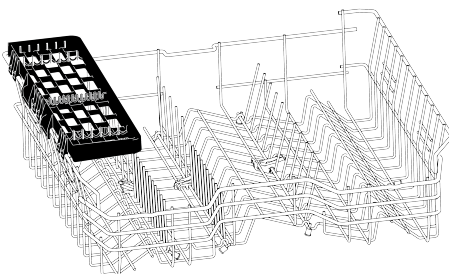
Place large items such as pots etc. in the lower basket. You can adjust the height of the upper basket according to the size of the dishes you will wash. To change the height of the basket, use the basket wheels, turn the holders at the end of the upper basket rails to the sides and open them, take the basket out. Change the position of the wheels, place the basket back on the rail and close the holders.



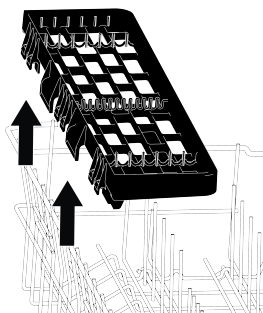
6.19 Upper basket multi-purpose service shelf

(Depending on the model)

Thanks to this accessory located in the upper basket of your machine, you can easily wash items such as long scoops and bread knives.



When you do not want to use it, you can remove the upper basket multi-purpose service shelf by lifting it up.



You can easily attach the upper basket multi-purpose serving shelf to the edge of your upper basket for reuse.

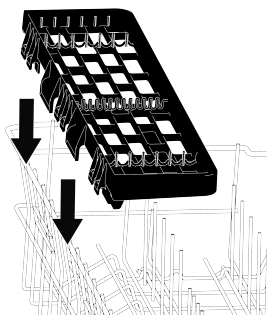


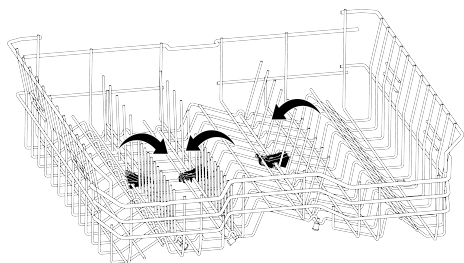
Illustration 3:

6.20 Foldable upper basket wires

(Depending on model)

When you need ample space for your large dishes in the upper basket of the machine, you can use the foldable wires.

To bring the foldable wires to a horizontal position, hold the wires in the middle and push them in the direction of the arrow in the picture. Place your large dishes in the area that will be created. Lift the wires up to bring them back to an upright position.

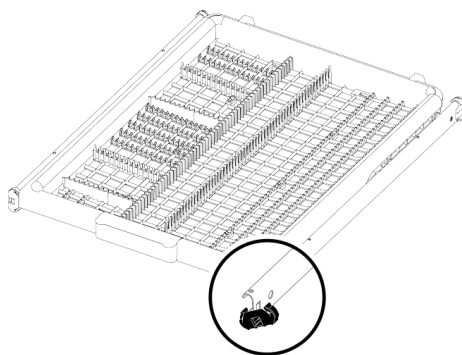


Holding the wires from the ends and placing them in a horizontal position may cause them to bend. For this reason, hold the wires in the middle from their bases and push them in the direction of the arrow, placing them in a horizontal or vertical position.

6.21 Ceiling cutlery basket

(Depending on model)

The ceiling cutlery basket is designed for you to wash your dishes such as forks, spoons, etc. by placing them between the combs on the tray.



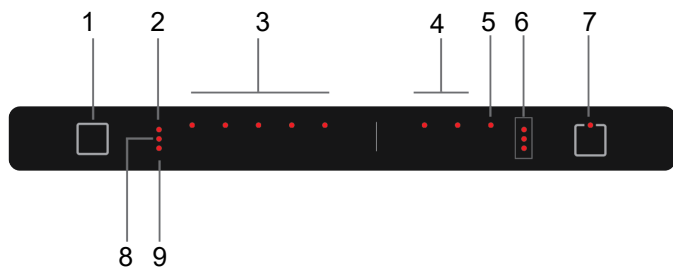
6.22 Lower Propeller

The lower impeller washes the dishes in the lower basket.

6.23 Upper Propeller

The upper fan washes the dishes in the upper basket.

7 Operation of the Product



- | | |
|--|-----------------------------------|
| 1 Power On/Off Button | 2 Low Rinse Aid Warning Indicator |
| 3 Cycle Indicators / Water Overflow Warning (P1 flashes) | 4 Auxiliary Functions |
| 5 Delay Key | 6 Delay Countdown Indicator |
| 7 Start / Pause / Cancel Key | 8 Low Salt Warning Indicator |
| 9 Water Outage Warning Indicator | |



Read the chapter "Safety Warnings" first!

Power On/Off Button

When you press the On/Off button, your dishwasher switches on with the Ecocycle in the On position.

Cycle Selection / Cancel Cycle Key

To select the cycle, press the desired cycle button. Press the Start / Hold / Cancel key for 3 seconds to cancel the running program.

Function Buttons

When the Function Buttons are pressed during cycle selection or delay selection, if the cycle you selected supports the function you have selected, the indicator of the selected function lights up. To cancel function selection, press the function button again.

Preparing the dishwasher

1.Open the door of the dishwasher.

2.Load your dishes as described in the user manual.

3.Ensure that lower and upper spray arms are rotating freely.

4.Add adequate amount of detergent in the detergent compartment.

5.Inspect whether low salt and low rinse aid indicators are illuminated; and add salt and/or rinse aid if required.

Cycle selection

1.Turn your dishwasher on by pressing the On / Off key.

2.Select the proper washing cycle for your dishes considering the cycle information and average consumption values table.

3.The selected cycle starts when you close the door of your dishwasher.

7.1 Program Information and Average Consumption Values Table

Programme Data and Average Consumption Values Table

Programme number	0	1	2	3	4	5
Programme name	-	Intensive	Eco *	Clean&Shine	Quick&Shine (#)	Mini (#)
Cleaning temperature	-	70 °C	50 °C	65 °C	60 °C	35 °C
Degree of Soiling	-	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.	Daily washing programme for normally soiled dishes.	Daily washing programme for normally soiled dishes in the fastest way.	Suitable for lightly soiled daily dishes that are scraped or pre-cleaned.
Prewash	-	High	Medium	Medium	Medium	Low
Wash	-	+	+	+	-	-
Dry	-	+	+	+	+	+
Duration (min)	-	115	279	120	58	30
Water (l)	-	14,8	11,9	15,0	10,6	10,4
Energy (kWh)	-	1,28	0,674	1,18	1,12	0,77
Selectable functions	-	T, E, G, Y, F, R, U, H	T, E, Y, F, S, R, U, H	T, E, Y, F, R, U, H	T, E, R, H	T, E

Loading Capacity: 10

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. The values given for programmes other than Eco 50°C programme are indicative only. (#) Additional functions might cause changes in programme durations.

7.2 Additional functions

Dishwasher programs are designed for optimal cleaning, considering soil type, soil load, and dishware characteristics.

Additional functions are available to optimize your wash, saving time, water, and energy while enhancing hygiene and convenience.



Additional functions may cause a change in program duration.

 Additional functions are not suitable for all wash programs. The display of the function not suitable for the program will not be active.

 The functions that can be used in the washing programs are indicated by letters such as "A, B, D, E, G, F, F, K..." in the "Program information and average consumption values table". You can find instructions on how to use these functions in the "Additional functions" section of the user manual.

 Some auxiliary functions cannot be used together. If the function you have selected is not active even though it appears in the "Program information and average consumption values table", you can activate it after turning off the other auxiliary functions.

To add additional functions to the program:

1. Select the desired wash program.
2. When you select an additional function, the indicator for the additional function lights up. When you press the function key again, the indicator goes out and the selection is canceled.

If your machine has sub-menu functions depending on the model, refer to the instructions in the additional functions section for their use.

 "Not all of the functions indicated with letters such as "A,B,D,E,G,F,K..." in the program information and average consumption values table can be used in your machine, the functions that can be used in your machine are described in the additional functions section of this manual.

Self Dry Function (K)

(Depending on the model)

Your dishwasher is equipped with a "Self Dry" Thanks to the feature, the drying efficiency of your machine is increased and energy savings are achieved.

When you activate this function, the door of your machine opens automatically at the end of the wash cycle.

The function can extend the duration of the selected program for up to 35 minutes.

 The function can extend the duration of the selected program for up to 35 minutes.

 Self Dry feature opens the door at the end of the wash thanks to the "door opening shafts". This process takes approximately 2 minutes. Do not force the door to close if the power is cut while the spindles are coming out. When the power is restored, the process will be completed and the shafts will be pulled in.

 Self DryIf the feature is active, the door can be opened automatically during the drying step and the program flow can continue. If the product has a display, the time continues to count down with the door open until the drying is completed and the program ends.

Self Dry to change the setting:

1. After turning on your machine, press the Delay and Start/Pause/Cancel buttons simultaneously for 3 seconds.
2. Press the Delay button until the 3 hour delay indicator lights up in the menu. With the function keysSelf DrySet the function to on or off. When the first program indicator lights up, the function is off, and when the second program indicator lights up, the function is on.
3. Turn off your machine with the On / Off button to save.

7.3 Functions

SteamGloss function (E)

(Depending on the model)

This function enhances drying performance. It may extend the program duration up to 30 minutes.

Half Load function (Y)

(Depending on the model)

It is used when you want to start your machine before it is full.

1. Load dishes into the dishwasher as desired.

2. Turn the machine on using the On/Off button.

3. After selecting the program you want, press the Half Load button.

4. Press the Start/Pause/Cancel button to run the program.

Thanks to the Half Load function, you can use the upper and lower baskets of your machine at the same time, saving water and energy.

Light reflection on the floor (Machine washing warning)

(Depending on the model)

Your machine projects light on the floor during the wash cycle. The light turns off when the wash cycle is complete.



When the washing program starts, the light reflection on the floor is automatically activated and illuminated until the end of the program.



Light reflection on the ground is not a feature that can be canceled by the user.



For fully built-in models, the door must be installed at a minimum height of 40 mm above the floor to ensure that the "Machine washing warning" is properly visible.

7.4 Changing the Warning Tone

1. After turning on your dishwasher, press and hold the Delay and Start Wait Cancel buttons respectively.

2. Turn LEDs 9 and 6 on by using the delay key.

3. You may set the sound level with the function keys.

1. If the programme indicator is on - Sound off

2. If the cycle indicator is on - Sound medium level

3. If the cycle indicator is on - Volume level high.

4. Turn off your dishwasher with the On/Off key to save the setting.

7.5 Monitoring of Program

During the washing process, the cycle stages can be monitored via the cycle follow-up lamps on the dishwasher. When the washing cycle you have selected is finished, the Done lamp on the dishwasher lights up.

7.6 Programming Washing Time

Suspension

If an economical electricity tariff is applied in your area, you can use the delay function to wash your dishes during the relevant hours.



Press the delay button for 1 second longer than the other buttons.

You can delay the start time of your selected program up to 9 hours.

1. After selecting the washing program and other additional functions, press the delay button.

2. When you press the snooze button, the "3 hours" snooze indicator will start flashing on the screen.

3. Press the snooze button to set the desired time. Each time you press the button, the time increases in 3-hour increments up to 9 hours.

4. After you have set the delay time, close the door of your machine. The program will start automatically when the delay time is over.

 If the door is closed after the delay function is selected, the delay will start working.

 If the door is opened while the delay function is active, the count-down will be stopped and the start icon will start flashing.

Changing the settings while the snooze function is active

While the delay function is active, you cannot make changes to the washing programme, additional functions or the delay time.

 Auxiliary functions cannot be set after the program has started.

To cancel the snooze function

To cancel the delay function while it is active, the programme must be cancelled.

 The delay function cannot be set after the program has started.

7.7 Starting of the Cycle

Close the door of your dishwasher to start your dishwasher after selecting the cycle and additional functions.

 Dishwasher softens the water as per the hardness of the mains water. The washing cycle period may also change while the program is being executed as a result of the room temperature, mains water temperature and the amount of dishes.

 Care to avoid opening of the door while the dishwasher is being operated. Be careful as steam may come out when you open the door of the dishwasher.

 To ensure that the water remaining on the dishes and inside the dishwasher is completely drained and that the water softener is removed after rinsing operation, it resumes operation at drying cycle after keeping silent for a while

7.8 Cancelling the Cycle

Open the dishwasher door and press Select Cycle / Cancel Cycle button for three seconds. Release the key when the Start Hold indicator starts flashing. Discarding process will be completed within 2 minutes and your dishwasher will beep when it is done.

 Detergent or rinse aid may remain inside the dishwasher and/or the dishes being washed as per the step of the program you have cancelled.

7.9 Low Salt Warning Indicator

Check the low salt indicator on the screen of your dishwasher to see if you have softening salt in your dishwasher. Add salt to the salt reservoir when the low salt indicator on the display comes on.

 The Water Softening System section describes how to set the water hardness level.

7.10 Low Rinse Aid Warning Indicator

Check the low rinse aid indicator on the screen of your dishwasher to see if you have enough rinse aid in your dishwasher. Add rinse aid to the rinse aid reservoir when the low salt indicator on the display comes on.

7.11 Setting the Rinse Aid Amount

1. After turning on your dishwasher, press and hold the Delay and Start Wait Cancel buttons respectively.
2. Turn LED 6 on by using the delay key.

3. You may set the dosage level with the function keys.

1. If the cycle indicator is on - Rinse aid is not used
2. If the cycle indicator is on – add 1 dose of rinse aid.
3. If the cycle indicator is on – add 2 dose of rinse aid.
4. If the cycle indicator is on – add 3 dose of rinse aid.
- 1,2,3,4. If the cycle indicators are lit together – add 4 doses of rinse aid.
4. Exit from the settings menu by pressing on/off button. Your settings shall be saved automatically.

7.12 End of Program

 When the washing cycle you have selected is finished, a signal tone will alert you to switch off the dishwasher. This signal tone will warn you at certain intervals and then switch off.

8 Maintenance and Cleaning

8.1 Maintenance and cleaning



Read "Safety Instructions" section first!



Before cleaning the machine, unplug it and turn off the tap.



Do not use abrasive materials when cleaning.



For the machine to work efficiently, clean the filters and impellers at least once a week.

If cleaned at regular intervals, the life of the product will be extended and frequently encountered problems will be reduced.

Cleaning the exterior of the machine

Gently wipe the exterior of your machine and the door seals with a delicate cleaning agent and a damp cloth. Wipe the "control panel" only with a slightly damp cloth.

Cycle End indicator illuminates when the washing cycle has ended.

1. Open the cover of the dishwasher.
2. Turn your dishwasher off by pressing the On / Off key.
3. Switch off the tap.
4. Remove the plug from the outlet.



Your dishwasher turns off automatically after a certain period to save energy when the cycle is ended or not started.



After washing your dishes, keep them inside the dishwasher for approximately 15 minutes to cool. Your dishes will dry faster if you leave the door of your dishwasher ajar during this time. This shall improve the drying efficiency of the dishwasher.

Cleaning the inside of the machine

Clean the machine monthly by running it at the highest possible temperature with detergent or special machine cleaning agents. This will help to remove residues and limescale from the inside of the machine.

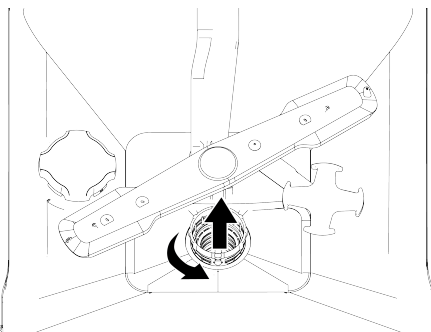
If there is water left in the machine, drain the water in the machine by following the procedures in the "Cancelling the program" section. If the water cannot be drained, remove the filters as indicated in the "Cleaning the filters" section and check if there are any dirt particles that have accumulated at the bottom of the machine and blocked the water path, and clean them if necessary.

8.2 Cleaning the filters

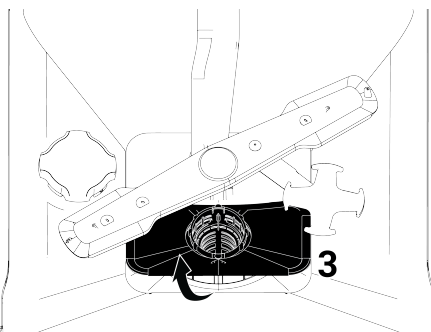
(Depending on Model)

For the machine to work efficiently, clean the filters at least once a week. Check if there is any food residue on the filters. If there is food residue, remove the filters and clean them thoroughly under the tap.

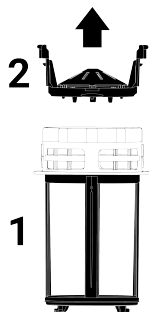
1. Remove the micro filter and coarse filter group by turning it counterclockwise and pulling it out.



2. Pull the metal/plastic filter (3) out of its place.



3. Press the two tabs on the coarse filter inwards to separate the coarse filter from the assembly.



4. Clean all three filters under the tap with a brush.
5. Replace the metal/plastic filter.
6. Place the coarse filter into the micro filter. Make sure it is properly seated. Turn clockwise until you hear a click.



The machine should not be used without a filter.

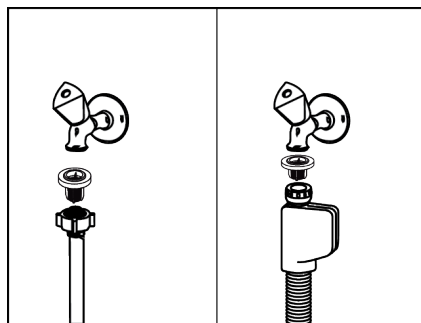


Failure to install the filters correctly will reduce washing effectiveness.

8.3 Cleaning the hose filter

The filter on the water inlet hose prevents dirt (sand, clay, rust, etc.) that may come from the city network or your water system from damaging the machine. Check the filter and hose from time to time and clean them if necessary.

1. Turn off the tap and remove the hose.
 2. After removing the filter from the hose, clean it under the tap.
 3. Place the cleaned filter back into its place inside the hose.
 4. Attach the hose to the faucet.
- (Model dependent)

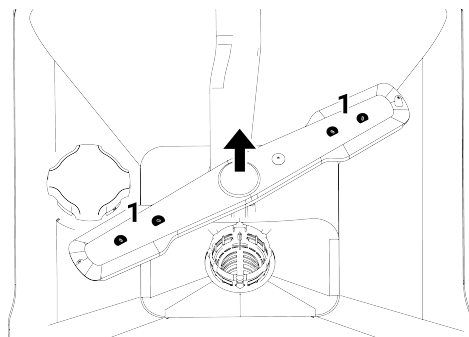


8.4 Cleaning the propellers

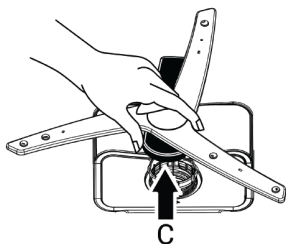
Clean the impellers at least once a week to ensure efficient operation of the machine.

Lower propeller

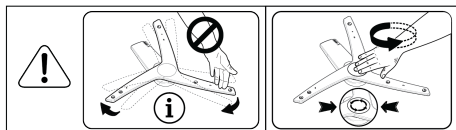
Check if the lower impeller (1) holes are clogged. If there is a blockage, remove the impeller and clean it. You can remove the lower impeller by pulling it upwards (depending on the model)



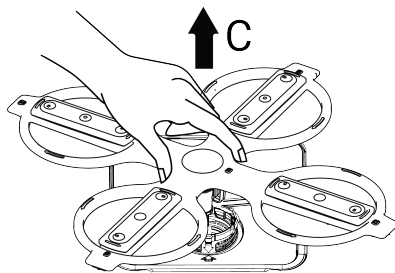
Check if the holes of the impeller assembly are clogged. If there is a blockage, remove the impeller assembly and clean it. (Depending on the model)



To remove and clean the lower propeller group, hold it with one hand from the points (C) shown in the figure and pull it upwards. After cleaning, reattach the propeller group by following the same steps in reverse. (Depending on the model)



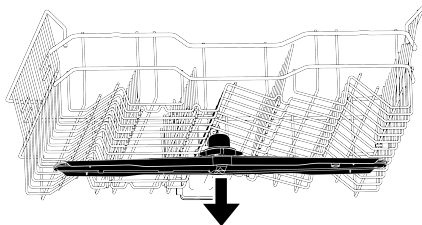
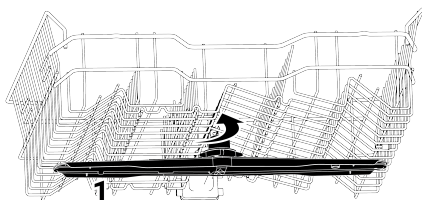
i Do not attempt to turn the propeller by holding the ends. Trying to turn it by the ends may cause the gear system inside the propeller to break.



To remove and clean the lower propeller group, hold it with one hand from the points (C) shown in the figure and pull it upwards. After cleaning, reattach the propeller group by following the same steps in reverse. (Depending on the model)

Upper propeller

Check if the upper impeller (1) holes are clogged. If there is a blockage, remove the impeller and clean it. You can remove the upper impeller by turning its nut to the left. When reattaching the upper propeller, be sure to tighten the nut fully.



9 Troubleshooting

9.1 Error Codes, Causes and Solutions

Error Code	Cause	Solution
E01 Warning P1 Blinks Power led flashes	Chassis water filling fault	1-Error algorithm is activated. 2-Cycle ends. If you see the error continuously, 1-Cut off the electricity. 2-Close the valve. 3-Get in touch with the authorized service.
E02 Warning P2 Blinks The Water outage icon illuminates. The Washing led illuminates.	Water outage error	Check the water supply.
	Filter is blocked	1-Cut off the electricity connection. 2-Cut off the water connection. 3-Remove water inlet hose. 4-Check and clean the filter. 5-Establish the water connection. 6-Establish the electricity connection.
	Other	If the error continues, 1-Close your dishwasher. 2-Get in touch with the authorized service.
E06 Warning P2 flashes P6 flashes	Temperature sensor in the dishwasher is faulty	If you see this error continuously and washing performance has reduced, 1-Close your dishwasher. 2-Get in touch with the authorized service.
E07 Warning P2 flashes F1 and F2 flashes	Flowmeter is faulty	1-Error algorithm is activated. 2-Cycle ends. If you see the error continuously, 1-Cut off the electricity. 2-Close the valve. 3-Get in touch with the authorized service.



The error codes can change depend the model.

9.2 Troubleshooting

Machine does not work.

- The mains plug may not be plugged in. >>> Check that the mains plug is plugged in.

- The fuse may have blown. >>> Check the fuses in your house.
- Water may not be coming out. >>> Make sure that the water inlet tap is open.
- The dishwasher door may be open. >>> Make sure that the dishwasher door is closed.
- "On/Off button" may not have been pressed. >>> Make sure to switch on the dishwasher by pressing the "On/Off button".

Dishes are not cleanly washed

- Dishes are placed irregularly. >>> Place the dishes as specified in the user manual.
- The proper cycle is not selected. >>> Select a cycle with a higher temperature and washing for a longer time.
- Dishes are very dirty >>> Remove the coarse dirt of your dishes with a napkin and then place them into your dishwasher.
- Spray arms are stuck. >>> Before starting the cycle, make sure that the upper and lower spray arms rotate freely by rotating them with your hand.
- The holes of the spray arms are clogged. >>> Upper or lower holes of the spray arms may be clogged with food residues such as lemon seeds. Clean the spray arms regularly as shown in the Section "Cleaning and maintenance."
- Filters are clogged. >>> Check whether the filter system is cleaned. Clean the filter system regularly as shown in the "Cleaning and maintenance" section.
- Filters are not installed correctly. >>> Inspect the filter system and make sure that it is installed correctly.
- Baskets are overloaded. >>> Do not load baskets above their capacity.
- Detergent is stored under improper conditions. >>> If you are using a powder detergent, do not store the detergent package in humid environments. If possible, store the detergent in a storage container with a lid. We recommend you to use tablet detergent for easy storage.
- Adequate amount of detergent is not added. >>> If you are using a powder detergent, put the amount of detergent suitable for the soil level of your dishes and for the definitions of the cycles. We recommend using tablet detergents to achieve the best results.
- Insufficient amount of rinse aid. >>> Inspect the low rinse aid warning indicator and add rinse aid, if required. If adequate

amount of rinse aid is available in the dishwasher, increase the setting for rinse aid.

- Detergent compartment cover is not closed. >>> Always close the cover of the detergent compartment after adding detergent.

Dishes are not dried

- Dishes are placed irregularly. >>> Place your dishes so that water shall not collect inside them during washing.
- Insufficient amount of rinse aid. >>> Inspect the low rinse aid warning indicator and add rinse aid, if required. If adequate amount of rinse aid is available in the dishwasher, increase the setting for rinse aid.
- Machine is unloaded right after the end of washing cycle. >>> Do not unload your dishwasher right after the end of washing cycle. Keep the door ajar and let the steam come out for some time and unload the dishwasher when the dishes are cooled so that they are OK to be contacted by hand. Start the unloading operation from the lower basket. Thus, the water remaining on any dish on the upper basket is prevented from dripping on the dishes on the lower basket.
- The proper cycle is not selected. >>> Drying performance is low as the rinsing temperature is also low in short cycles. For a higher drying performance, select longer cycles.
- Tablet detergent is used, and tablet button is not pressed >>> If your dishwasher has a "tablet detergent" function, activate it while using multi-purpose detergents.
- Surface quality of the kitchenware is poor. >>> You may achieve the expected washing performance on kitchenware with damaged surfaces, and the use of such kitchenware is not correct in terms of hygiene. Moreover, it is difficult for water to flow over damaged surfaces. It is not recommended to wash such kitchenware in the dishwasher.

- It is natural to have concerns about drying for Teflon kitchenware. This condition is a result of the structure of Teflon. As the surface tensions of Teflon and water are different, water particles remain like beads on the Teflon surface.

Tea, coffee or lipstick stains are left on the dishes.

- The proper cycle is not selected. >>> Select a cycle with a higher temperature and washing for a longer time.
- Surface quality of the kitchenware is poor. >>> When tea, coffee stains and other stains caused by dyeing materials penetrate the damaged surfaces, it is not possible to remove such stains dishwashers. You may achieve the expected washing performance on kitchenware with damaged surfaces, and the use of such kitchenware is not correct in terms of hygiene. It is not recommended to wash such kitchenware in the dishwasher.
- Detergent is stored under improper conditions. >>> If you are using a powder detergent, do not store the detergent package in humid environments. If possible, store the detergent in a storage container with a lid. We recommend you to use tablet detergent for easy storage.

Lime stains remain on dishes and glassware looks blurred

- Insufficient amount of rinse aid. >>> Inspect the low rinse aid warning indicator and add rinse aid, if required. If adequate amount of rinse aid is available in the dishwasher, increase the setting for rinse aid.
- Water hardness setting is low or salt level is inadequate. >>> Check the water hardness setting by measuring the hardness of the mains water accurately.
- There is a leak of salt. >>> Take care not to pour salt around the filler opening while adding salt. Ensure that the water softener lid is closed after adding salt. Clean the salt spilt into the dishwasher by running the pre-wash cycle. Check the lid once more at the end of the cycle, as the

salt particles remaining under the lid will dissolve in the pre-wash step, and thus the lid may loosen.

There is a different smell inside the dishwasher

- New machines have a certain smell. This smell shall disappear after a few washing cycles.
- Filters are clogged. >>> Check whether the filter system is cleaned. Clean the filter system regularly as shown in the "Cleaning and maintenance" section.
- Chemicals that may cause odour are put inside the rinse aid reservoir. >>> Do not use chemicals such as vinegar, hand washing detergents, and descaling agents.
- Soiled dishes were kept in the dishwasher for 2-3 days. >>> If you shall start the dishwasher immediately after putting the dishes into the dishwasher, remove the soil on the dishes and run the Pre-Wash cycle without detergent every two days. Do not close the door of the dishwasher completely to prevent occurrence of odour inside the dishwasher in such cases. You may also use commercially available deodorizing and dishwasher cleaning agents.

Rust stains, tarnishing, surface deterioration on the dishes

- There is a leak of salt. >>> Salt may cause deterioration and corrosion on metal surfaces. Take care not to pour salt around the filler opening while adding salt. Ensure that the water softener lid is closed after adding salt. Clean the salt spilt into the dishwasher by running the pre-wash cycle. Check the lid once more at the end of the cycle, as the salt particles remaining under the lid will dissolve in the pre-wash step, and thus the lid may loosen.
- Salty food residues have remained on the dishes for a long period of time. >>> If kitchenware soiled with such foods are to be kept in the dishwasher, the soil shall

be removed from the surface of the dish by the pre-washing cycle or the dishes shall be washed without waiting.

- There is no earth line in the electrical installation. >>> Check if your dishwasher is connected to a true earth line. Otherwise, the static electricity generated in the dishwasher causes arcs and pits on the surface of the metal objects, removing the protective layer on the surface, and cause tarnishing of the surface.
- Intensive cleaning agents such as bleach are used. >>> The protective layer on metal surfaces gets damaged when it comes into contact with cleaning agents such as bleach, and thus loses its effect over time. Do not wash your dishes with bleach. If you want to wash your dishes using bleach, your dishwasher shall have a special equipment and a function that allows washing with bleach. With this equipment and function, the appropriate amount of bleach shall be taken into the washing environment in the right step, then we may benefit from its hygienic effect and rinse the dishes in the best way.
- Metal items, such as knives in particular, were used outside of their intended use. >>> If the knives are used for purposes such as opening the cans, the protective layer on their ends shall be damaged. Do not use metal kitchenware outside of their intended use.
- Cutlery are made of low quality stainless steel. >>> It is inevitable that such items will rust, thus they shall not be washed in the dishwashers.
- Previously rusted kitchenware are washed in the dishwasher. >>> Rust on a corroded item may migrate to other stainless steel surfaces during washing and cause rust to appear on those surfaces, too. Such items shall not be washed in dishwashers.

Detergent residues are present in the detergent reservoir.

- Detergent was put in a long time before the washing procedure. >>> Take care to put in the detergent just before starting the washing operation.
- Opening of the detergent reservoir lid is prevented during washing operation. >>> Place the dishes in a way that does not prevent the detergent reservoir lid from opening and water from the spray arms flowing into the reservoir.
- Detergent is stored under improper conditions. >>> If you are using a powder detergent, do not store the detergent package in humid environments. If possible, store the detergent in a storage container with a lid. We recommend you to use tablet detergent for easy storage.
- The holes of the spray arms are clogged. >>> Upper or lower holes of the spray arms may be clogged with food residues such as lemon seeds. Clean the spray arms regularly as shown in the Section "Cleaning and maintenance."

Patterns and decorations on kitchenware are erased.

- Patterned glasses and porcelain items with a pattern on the glaze are not suitable for washing in the dishwasher. Glass and porcelain tableware manufacturers do not recommend washing such kitchenware in the dishwasher.

The dishes are being scratched.

- Kitchenware and accessories made of aluminium or that contain aluminium shall not be washed in the dishwasher.
- There is a leak of salt. >>> Take care not to pour salt around the filler opening while adding salt. Salt spread around may cause scratching. Ensure that the water softener lid is closed after adding salt. Clean the salt spilt into the dishwasher by running the pre-wash cycle. Check the lid once more at the end of the cycle, as the salt particles remaining under the lid will dissolve in the pre-wash step, and thus the lid may loosen.

- Water hardness setting is low or salt level is inadequate. >>> Check the water hardness setting by measuring the hardness of the mains water accurately.
- The dishes are not placed properly. >>> When placing glasses and other glass kitchenware in the basket, do not lean them against other dishes, but on the edges of the basket, on the racks or on the glass supporting wire. When two glasses or other dishes being washed hit each other due to the impact of water during washing operation, this may cause scratching/ breaks on the surfaces.
- A blurred stain that looks like a milk soil remains on glasses, which cannot be removed when wiped by hand. When exposed to light, a bluish /rainbow coloured appearance is observed.
- Excessive amount of rinse aid is used. >>> Lower the setting of rinse aid. While adding the rinse aid, always clean the rinse aid overflow to the surroundings.
- Corrosion has occurred on the glass due to soft water. >>> Check the water hardness setting by measuring the hardness of the mains water accurately. Do not use salt if your mains water is soft (<5 dH). Use cycles with a higher temperature setting (e.g. 60-65 degrees) for washing. You may also use commercially available glass-protecting detergents.

Foam occurs in the dishwasher.

- Dishes are washed by hand with dish washing detergent and then put into the dishwasher without rinsing before they

are placed in the dishwasher. >>> No foam control characteristics are available in dish washing detergents intended for hand washing. You do not need to hand wash the dishes with detergent before placing them in the dishwasher. Simply rinse off the coarse soil on the surface of the dish with water or scrape it off with a paper napkin or a fork.

- Rinse aid was spilt into the dishwasher while adding rinse aid. >>> Take care not to spill rinse aid into the dishwasher while adding rinse aid. Clean spilt rinse aid with a paper napkin/towel.
- The rinse aid reservoir lid has been left open. >>> Make sure to close the rinse aid reservoir lid after adding rinse aid.

Kitchenware break.

- Dishes are placed irregularly. >>> Place the dishes as specified in the user manual.
- Baskets are overloaded. >>> Do not load baskets above their capacity.
- Water remains in the dishwasher after the end of the cycle.
- Filters are clogged. >>> Check whether the filter system is cleaned. Clean the filter system regularly as shown in the "Cleaning and maintenance" section.
- The drain hose is clogged / blocked. >>> Inspect the drain hose. Remove the hose if required to remove the blockage and then install it again as described in the installation instructions.

10 DISCLAIMER / WARNING

Some (simple) faults can be repaired by end users without causing any safety problems or unsafe use, provided that they are carried out in accordance with the following instructions. (See the section "I Want To Repair Myself").

Therefore, except for the parts specified in the "I Want to Repair Myself" section that can be repaired by end users, repair by an authorised service station is strongly re-

commended to prevent safety problems and is mandatory for the continuation of the Beko product warranty.

I WANT TO REPAIR MYSELF

Repairs to be carried out by end users can be performed for the following spare parts: External Power Supplies, Remote Control. (Current spare parts list is available at <https://www.beko.com.tr/destek> address as of 1 March 2021)

In addition, to ensure product safety and to avoid the risk of serious injury, repairs must be carried out according to the instructions in the instruction manual or at <https://www.beko.com.tr/destek> address. For your safety, unplug the product before carrying out any repair work.

Cannot be held responsible for any safety problems that may arise due to repair operations <https://www.beko.com.tr/destek> or attempts by end-users to repair parts other than those specified in the user manuals or in accordance with the instructions in the <https://www.beko.com.tr/destek> address and parts in the current parts list available at the Beko address. In such a case, the Beko product warranty will be invalid.

Therefore, end-users are strongly recommended to refrain from performing repair operations for parts other than the spare parts mentioned above by themselves and to contact an authorised service station if necessary. Such repair attempts by end users may cause safety issues; damage the product and subsequently result in fire, flooding, electric shock and serious personal injury.

Repair processes of the following parts, but not limited to those listed, should be performed by authorised service stations: Internal Power Supply, Capacitors, Battery and Accumulators, etc.

The manufacturer/seller cannot be held responsible for any failure of end users to comply with the above.

