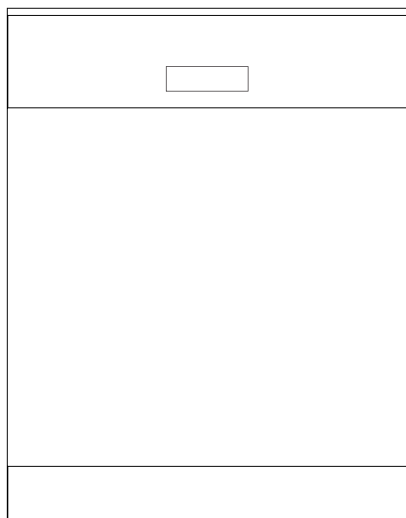




Dishwasher

Instruction Manual



Please read this user manual first!

Dear Customer,

We hope that you get the best results from the product which has been manufactured in state-of-the-art plants and passed through a strict quality control procedure.

Therefore, please read the entire user manual carefully before using the product and keep it as a reference for future use. In case of transferring the product to someone else, give the manual as well.




The user manual will help you use your product in a fast and safe way.

- Read the user manual before installing and starting your product.
- Always follow the safety instructions.
- Keep this user manual within easy reach for future reference.
- Read also the other documents supplied with the product.

Remember that this user manual is also applicable for several other models. Differences between models will be identified in the manual.

Explanation of symbols

Throughout this User Manual the following symbols are used:

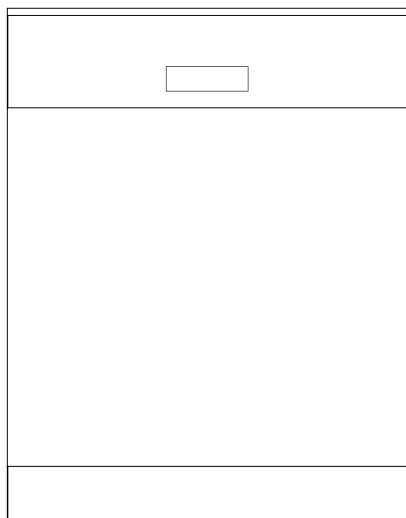
-  Important information or useful hints about usage
-  Warning for hazardous situations with regard to life and property
-  Warning for electric shock



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

Dishwasher

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Important information or useful hints about usage



Warning for hazardous situations with regard to life and property



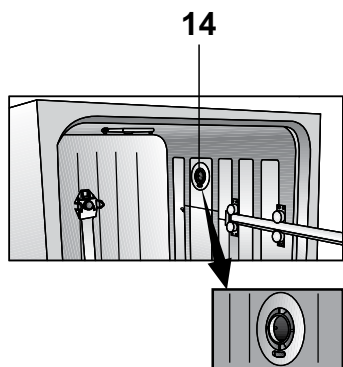
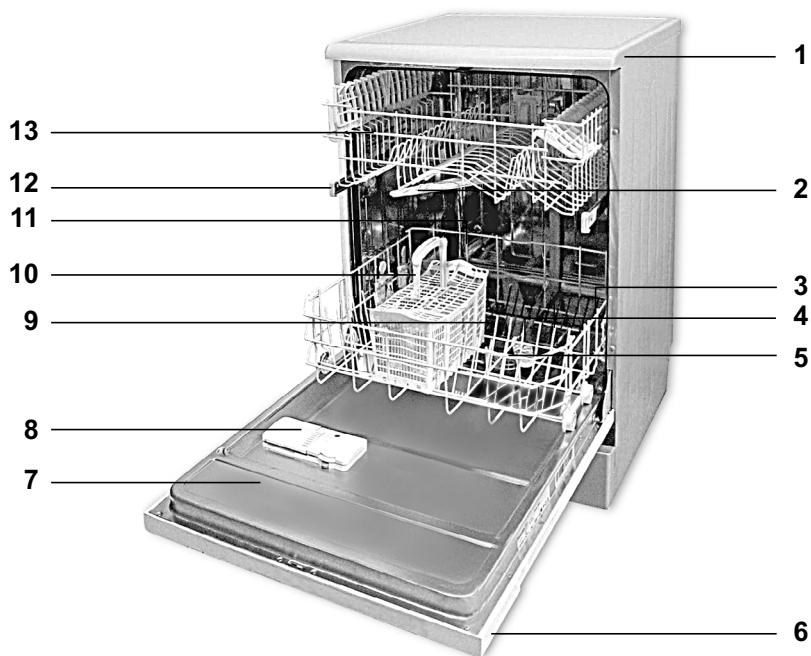
Warning for electric shock

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1 Dishwasher

Overview



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

Technical specifications



This product complies with the following EU directives:

Development, production and sales stages of this product comply with the safety rules included in all pertaining European Community regulations.

2006/95/EC, 2004/108/EC, 93/68/EEC, IEC 60436, EN 50242

Power input	220-240 V, 50 Hz
Total power consumption	1900-2200 W
Heater power consumption	1800 W
Total current (depends on the model)	10 A (see type plate)
Drain pump power consumption	30 W
Water pressure	0.3 –10 bar (= 3 – 100 N/cm ² = 0.03-1.0 Mpa)

- i** Technical specifications may be changed without prior notice to improve the quality of the product.
- i** Figures in this manual are schematic and may not match the product exactly.
- i** Values stated on the product labels or in the documentation accompanying it are obtained in laboratory conditions in accordance with the relevant standards. Depending on operational and environmental conditions of the product, these values may vary.

Note for test institutions:

Data required for performance tests shall be provided upon request. Requests can be e-mailed to the following address:

dishwasher@standardloading.com

Do not forget to provide the code, stock and serial numbers of the product to be tested in your request e-mail along with your contact information. Code, stock and serial numbers of the product is located on the type label attached to the side of the door.

2 Important safety instructions

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

General safety

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

Intended use

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

- staff kitchen areas in shops, offices and other working environments;
- farm houses;
- by clients in hotels, motels and other residential type environments;
- bed and breakfast type environments;
- Only dishwasher safe detergents, rinse aids and additives must be used.

- The manufacturer waives any responsibility arisen from incorrect usage or transportation.
- The service life of your product is 10 years. During this period, original spare parts will be available to operate the appliance properly.
- This product should not be used by persons with physical, sensory or mental disorders or unlearned or inexperienced people (including children) unless they are attended by a person who will be responsible for their safety or who will instruct them accordingly for use of the product.

Children's safety

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

3 Installation

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

- ❗ Preparation of the location and electrical, tap water and waste water installations at the place of installation is under customer's responsibility.
- ⚠ Installation and electrical connections must be carried out by the Authorised Service Agent. Manufacturer shall not be held liable for damages that may arise from procedures carried out by unauthorised persons.
- ⚠ Prior to installation, visually check if the product has any defects on it. If so, do not have it installed. Damaged products cause risks for your safety.
- ⚠ Make sure that the water inlet and discharge hoses are not folded, pinched or crushed while pushing the product into its place after installation or cleaning procedures. When placing the product, pay attention not to damage the floor, walls, piping, etc. Do not hold the product from its door or panel to move it.

Appropriate installation location

- Place the product on a solid and flat floor that has sufficient load carrying capacity! The product must be installed on a flat surface in order for the door to be closed comfortably and securely.
- Do not install the product at places where temperature may fall below 0°C.
- Place the product at least 1 cm away from the edges of other furniture.
- Place the product on a rigid floor. Do not place it on a long pile rug or similar surfaces.
- ⚠ Do not place the product on the power cable.
- Make sure that you select a location that will allow you to load and unload the dishes in a fast and comfortable manner.
- Install the product in a place close to the tap and the drain hole. Select the installation location by considering that it will not be changed after the connections are made.

Connecting water supply

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

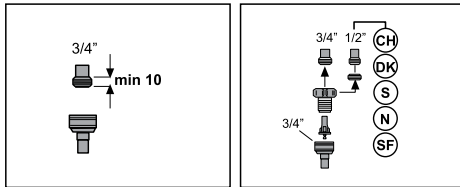
sludge accumulation at the end of washing.

Permitted water temperature: up to 25°C

The dishwasher may not be connected to open warm water devices or flow-through water heaters.

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

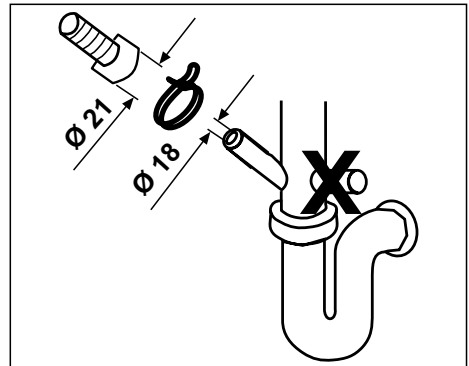
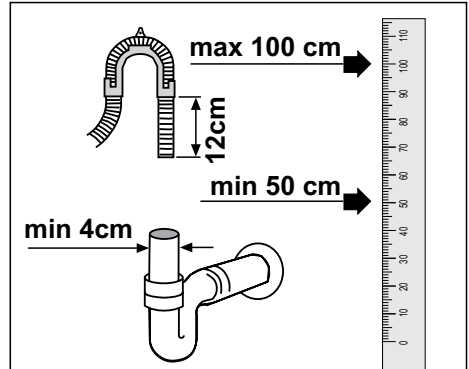
- i** Use a screw-on hose connector to connect the water inlet hose to a water tap with a $\frac{3}{4}$ inch external thread. If required, use a filter insert to filter deposits from the pipes.



- Open the taps completely after making the connections to check for water leaks.
- ⚠** For your safety, close the water inlet tap completely after the washing programme is over.

Connection to the drain

Water discharge hose can directly be connected to the drain hole or sink's drainage. The length of this connection must be min. 50 cm and max. 100 cm from the floor.



A discharge hose longer than 4 meters causes dirty washing.

Attach the water discharge hose to the drainpipe without bending it. Tightly fix the water discharge hose to the drainpipe in order to prevent any dislocation of the water discharge hose during operation of the product.

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

Adjusting the feet

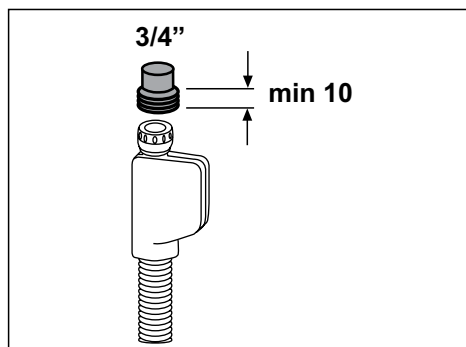
If the door of the product cannot be closed properly or if the product swings when you push it slightly, then you need to adjust the feet of the product. Adjust the feet of the product as illustrated in the installation manual supplied with the product.

Aquasafe+

(depends on the model)

Protect the Aquasafe+ system against water leaks that may occur at hose inlet. Water contact with the valve box of the system must be prevented. Otherwise, electrical assembly will get damaged. If the Aquasafe system is damaged, unplug the product and call the Authorised Service Agent.

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



Electrical connection

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

- Connection must comply with national regulations.
- Power cable plug must be within easy reach after installation.
- ⚠ Unplug the product after the washing programme is over.
- The voltage and allowed fuse or breaker protection are specified in the "Technical specifications" section. If the current value of the fuse or breaker in the house is less than 16 Amps, have a qualified electrician install a 16 Amp fuse.
- The specified voltage must be equal to your mains voltage.
- Do not make connections via extension cables or multi-plugs.
- ⚠ Damaged power cables must be replaced by the Authorised Service Agent.
- ⚠ If the product has a failure, it should not be operated unless it is repaired by the Authorised Service Agent! There is the risk of electric shock!

Initial use

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

- To prepare the product to do the dishes, perform first operation in the shortest programme with

detergent while the machine is empty. During the initial use, fill the salt reservoir with 1 litre of water prior to filling it with salt.

- i** Some water might have remained in the product due to the quality control processes in the production. It is not harmful for the product.

Disposing of packaging material

Packaging materials are dangerous to children. Keep packaging materials in a safe place away from reach of the children.

Package information

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

Transportation of the product

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

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



Compliance with the WEEE Directive and Disposing of the Waste Product:

This product complies with EU WEEE Directive (2012/19/EU). This product bears a classification symbol for waste electrical and electronic equipment (WEEE).

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

Compliance with RoHS Directive:

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

4 Prewashing

Tips for energy saving

Following information will help you use the product in an ecological and energy-efficient manner.

- Wipe away any coarse food remnants on the dishes before putting them in the product.
- Operate the product after filling it completely.
- When selecting a programme, refer to the "Programme Table".
- Do not put more detergent than suggested on the detergent package.

Water softening system

- i** The dishwasher requires soft water. If the hardness of the water is above 6°dH, the water must be softened and descaled. Otherwise, ions that create the hardness will accumulate on the surfaces of the dishes and may adversely affect the washing, shining and drying performances of the product.

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

Adjusting the water softening system

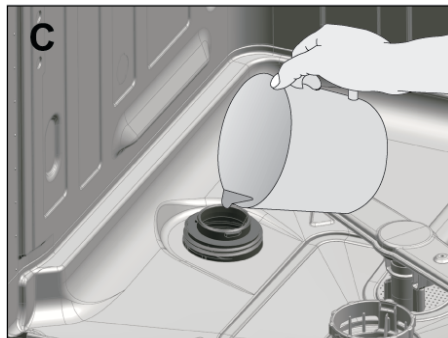
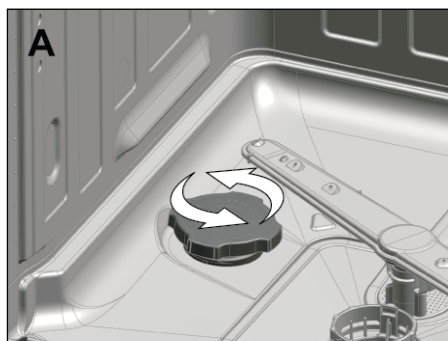
Washing performance will increase when water softening system is adjusted properly.

Use the test stripe supplied with the product to determine the supply water hardness in order to adjust the system.

Adding salt

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

- i** Use in your product only the special softening salts produced particularly for use in dishwashers.
- i** We recommend using granular or powder softening salts. Do not use salts containing insoluble substances such as table salt or common salt in the machine. Performance of water softening system may deteriorate in time.
- i** Salt reservoir will fill with water when you start the product. Therefore, add the softening salt before starting the machine.
 1. First take the lower basket out to add softening salt.
 2. Turn the salt reservoir lid in counter clockwise to open it (A, B).
- i** Before initial use, fill the water softening system with 1 litre of water (C).
- 3. Fill the salt reservoir with salt by using salt funnel (D). To speed up dissolution rate of salt in water, stir it with a spoon.
- i** You can put about 2 kg of softening salt into the salt reservoir.
- 4. Replace the lid and tighten it securely when the reservoir is full.



5. If you will not start a washing programme immediately after adding the salt, run the machine empty in the shortest programme to dissolve and wash away the scattered salt in the machine.
- i** Since different salt brands in the market have different particle sizes and since the water hardness may vary, dissolution of the salt in water may take a couple of hours. Therefore, Salt Indicator remains on for a while after adding salt into the machine.

Detergent

You can use powder or tablet detergent in the machine.

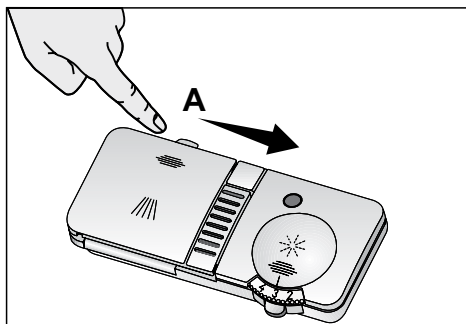
- i** Only use in the machine the detergents produced particularly for use with dishwashers. We recommend you not to use detergents that contain chlorine and phosphate as they are harmful for the environment.
- i** Contact the detergent producer if the dishes are wet and/or if you notice limescale spots particularly on glasses after the washing programme is over.

Adding detergent

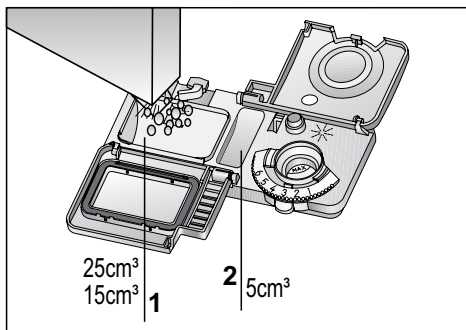
- i** Refer to the "Programme Table" to determine the correct amount of detergent for the selected programme.
- ⚠** Do not put solvents into the detergent dispenser. There is the risk of explosion!

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

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



2. Put suggested amount of powder or tablet detergent in the dispenser.
- i** Inside the detergent dispenser, there are level markings that help you use appropriate amount of detergent. When brimful, detergent dispenser will contain 40 cm³ of detergent. Fill detergent up to 15 cm³ or 25 cm³ level marks in the detergent dispenser according to fullness of the machine and/or soiling degree of the dishes (1).

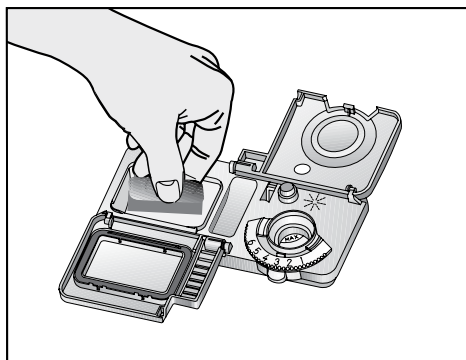


- i** If dishes have been waiting for a long time and have dried residues, fill the 5 cm³ compartment too (5).

3. Close the detergent dispenser lid by pressing on it lightly. A "click" will be heard when the lid is closed.
- i** In programmes with prewash and at high temperature, in which you use tablet detergents, make sure that the detergent dispenser lid is closed firmly.
- i** Use powder detergent in short programmes without prewash since the solubility of the tablet detergent changes depending on the temperature and time.
- ⚠** Excessive usage of powder detergents will cause the detergent not dissolve completely and will also cause scratches on the glassware.

Tablet detergents

Tablet detergents exhibit water softening and / or rinse aid effect in addition to detergent effect. Some types of these detergents also contain special-purpose washing chemicals such as glass and stainless steel protectors.



- i** Tablet detergents give satisfying results only under certain usage conditions. The best washing performance in dishwashers is obtained by using detergent,

rinse aid and water softening salt individually.

- i** Information about suitable places (detergent dispenser, basket etc.) in the dishwasher to place the tablet can be found amongst the usage instructions on the packages of the tablet detergents.

Tablet detergent types commonly found in the market:

2in1: Contains detergent, rinse aid or water softening salt

3in1: Contains detergent, rinse aid and water softening salt

4in1: Contains glass protectors in addition to detergent, rinse aid and water softening salt

5in1: Contains glass and stainless steel protectors in addition to detergent, rinse aid and water softening salt

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

When you switch to powder detergent from tablet detergent:

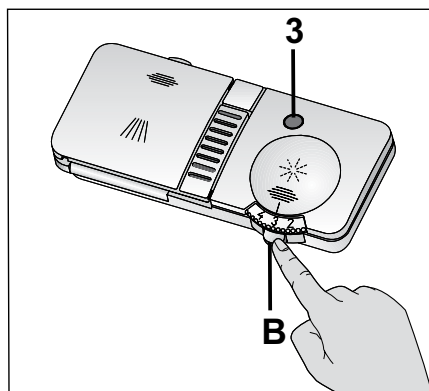
1. Make sure that salt and rinse aid reservoirs are full.
2. Set the water hardness to the highest level and perform an empty run.
3. After the empty washing cycle, review the user manual and readjust the water hardness level so as to suit the water supply.
4. Make the appropriate rinse aid settings.
- i** Depending on the model, salt indicator and/or rinse aid indicator must be enabled again if they were disabled before.

Rinse aid

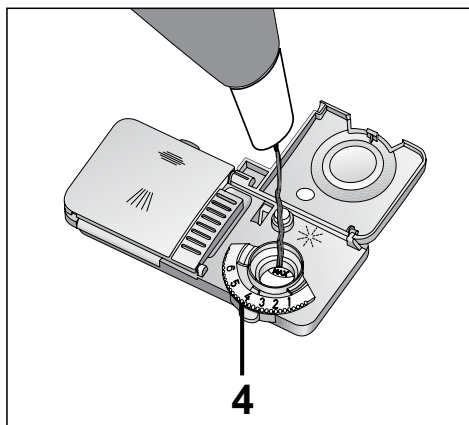
- i** The rinse aid used in dishwashers is a special combination used to increase drying efficiency and prevent water or limescale stains on the washed items. For this reason, care must be paid to have rinse aid in the rinse aid reservoir and to use rinse aids produced specially for dishwashers only.

Check Rinse Aid Indicator to determine whether it is necessary to add rinse aid or not 3 (depends on the model). Having a dark light on the indicator shows that there is sufficient amount of rinse aid in the dispenser. If the colour of the indicator is light, add rinse aid.

1. Open the lid of the rinse aid reservoir by pressing its latch (B).



2. Fill the reservoir until "MAX" level.
 3. Close the lid of the reservoir by pressing on it lightly.
- i** Wipe clean any spilled rinse aid outside the reservoir. Rinse aid that spilled accidentally will cause foaming and it will eventually decrease washing performance.



4. Turn the rinse aid amount adjuster manually to a position between 1 and 6 (4). If there are stains on tableware items after washing, level must be increased and if there is a blue trace after wiping them by hand, it must be decreased. This is set to position 4 as factory default.


Items not suitable for washing in the dishwasher

- Never wash dishes soiled by cigarette ash, candle remnants, polish, dyestuff, chemicals, etc. in your dishwasher.
 - Do not wash iron alloy items in the dishwasher. It can get corroded or leave stains on other items.
 - Do not wash silverware and cutlery with wooden or bone stems, glued pieces, or pieces that are not resistant to heat, as well as copper and tin-plated containers in the dishwasher.
- i** Decorative prints of chinaware as well as aluminum and silver items may get discoloured or tarnished after washing in the dishwasher just as it happens in handwashing as well. Some delicate glass types and crystals may become dull in

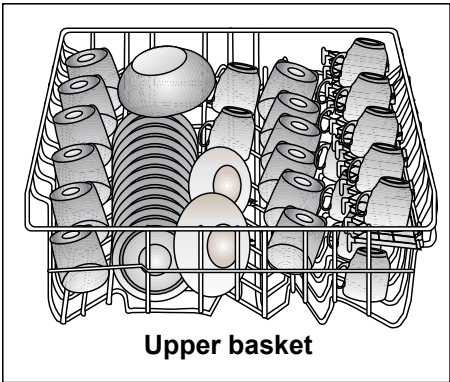
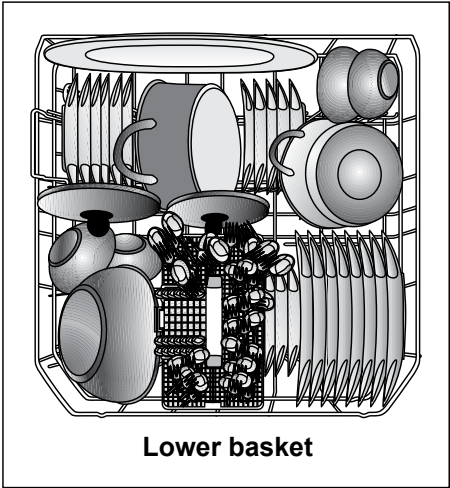
time. We strongly recommend you to check if the tableware you are going to purchase is suitable for washing especially in the dishwasher.

Placing the dishes into the dishwasher

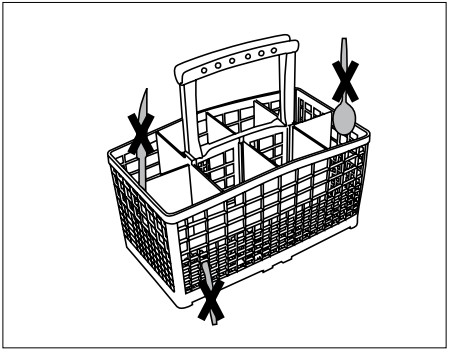
You can use your dishwasher in the optimum way with respect to energy consumption and washing and drying performance only if you place the dishes in an orderly way.

- Wipe away any coarse food remnants (bones, seeds, etc.) on the dishes before placing them in the dishwasher.
 - Place thin, narrow pieces in the middle sections of baskets if possible.
 - There are two separate baskets in which you can place your dishes in the dishwasher. Place the heavily soiled and bigger items in the lower basket and smaller, delicate and light items in the upper basket.
 - Place the hollowed dishes such as bowls, glasses and pans upside down in the dishwasher. Thus, accumulation of water in deep hollows is prevented.
-  To prevent possible injuries, always place the sharp and pointed dishes such as service fork, bread knife, etc. upside down so as their pointed ends will face down or they will lie horizontally on the dish baskets.
- Unload dishes in the lower basket first and then the dishes in the upper basket.

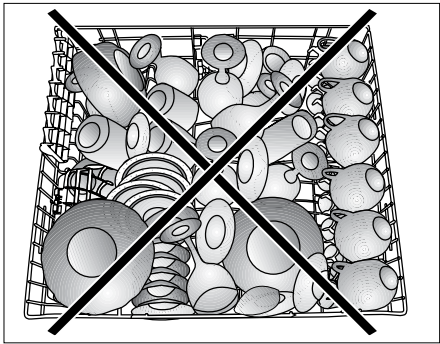
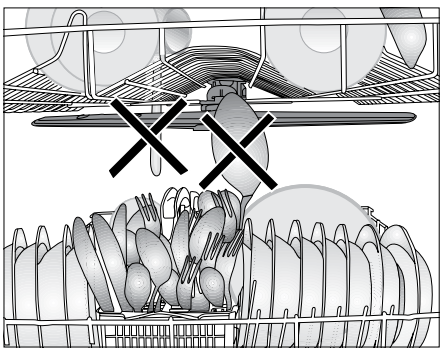
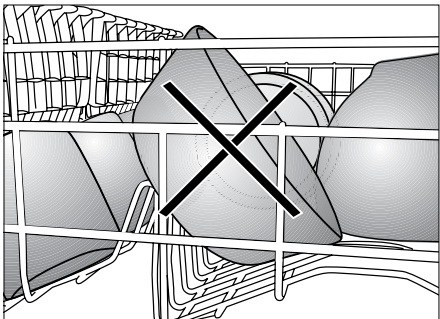
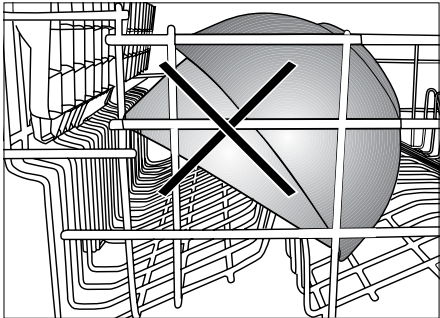
Suggestions for loading the dishwasher



Improper Loading Of Dishware

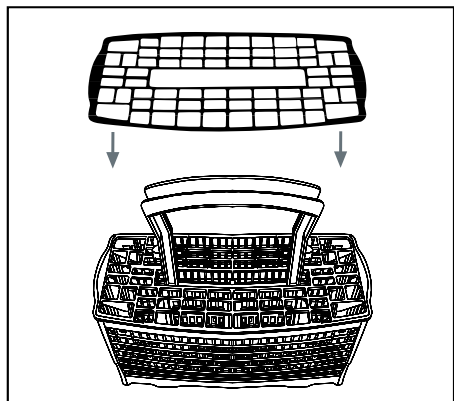


Improper Loading Of Dishware



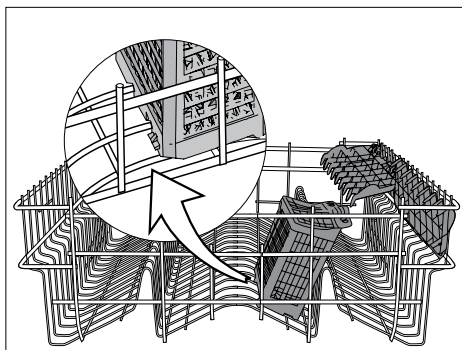
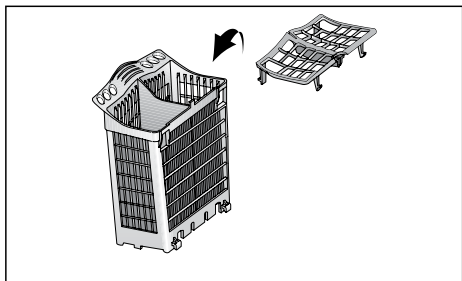
Silverware basket (depends on the model)

Silverware basket is designed to wash your dishes such as fork, spoon and etc. in a cleaner manner.



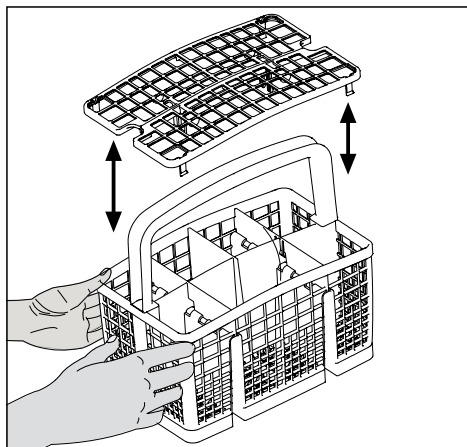
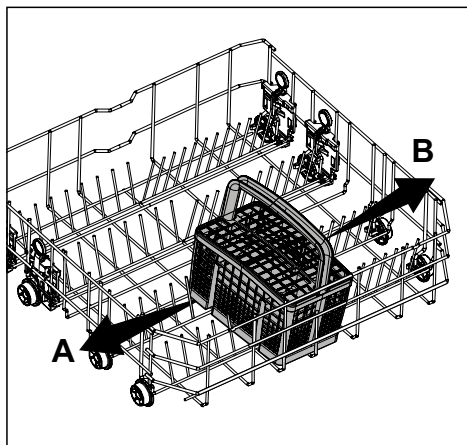
Silverware basket piece (depends on the model)

You can place your forks, spoons and etc. to upper basket with the additional piece in the figure.



Movable silverware basket (depends on the model)

Since the cutlery basket can be moved (A, B), you can create a wider space while placing your dishes to the lower basket and free up space for your dishes in different sizes.

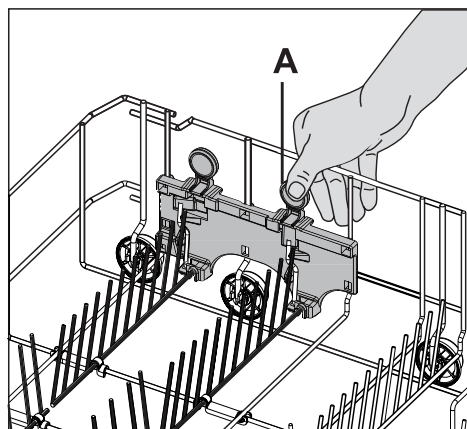
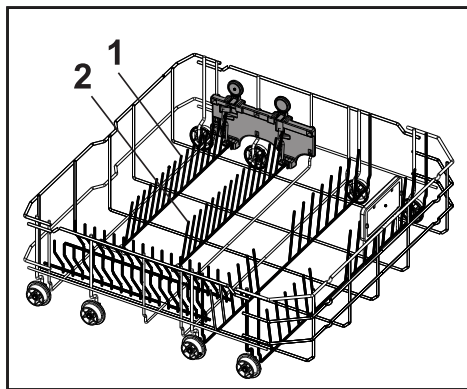


Collapsible lower basket wires (2 pieces)

(depends on the model)

The two piece foldable wires located at the lower basket of the machine are designed for an easier placement of large pieces such as pans, bowls, etc. (1, 2).

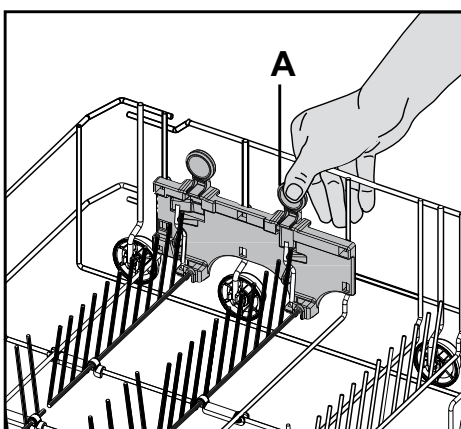
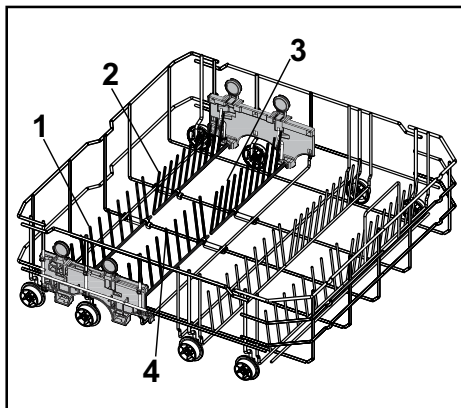
You can create larger spaces by folding each wire individually or all of them at once. Lay the foldable wires down by pressing on the latch (A).



Collapsible lower basket wires (4 pieces)

(depends on the model)

The four piece foldable wires located at the lower basket of the machine are designed for an easier placement of large pieces such as pans, bowls, etc. (1, 2, 3, 4). You can create larger spaces by folding each wire individually or all of them at once. Lay the foldable wires down by pressing on the latch (A).



Collapsible lower basket wires (6 pieces)

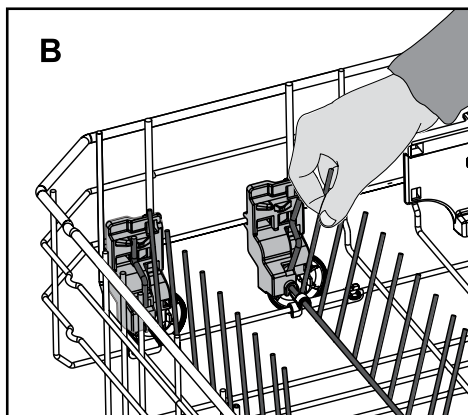
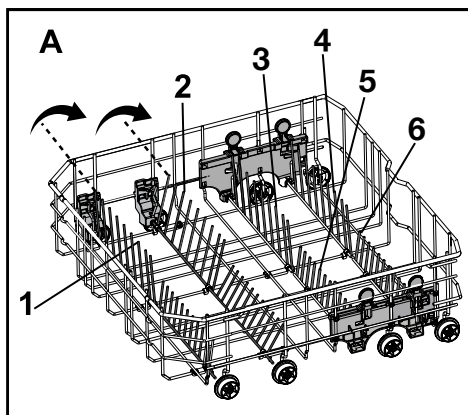
(depends on the model)

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

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

i Bringing the wires to the horizontal position by holding them from the tips may cause them to bend.

Therefore, it will be appropriate to bring the wires in the middle to horizontal or vertical position by holding them from their stems and pushing in the direction of arrow.



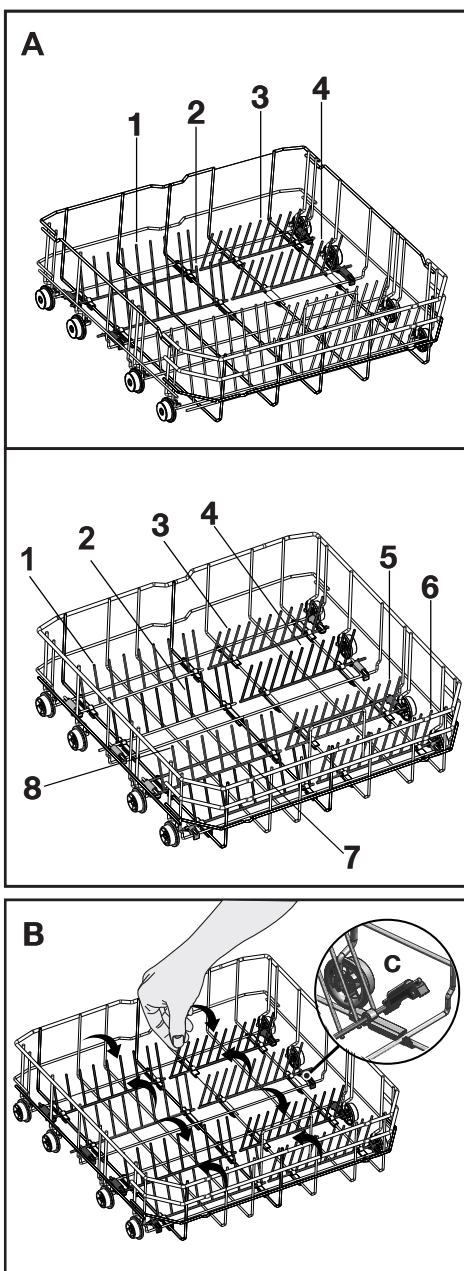
Collapsible lower basket wires (4 & 8 pieces) (depends on the model)

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

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

i Bringing the wires to the horizontal position by holding them from the tips may cause them to bend.

Therefore, it will be appropriate to bring the wires in the middle to horizontal or vertical position by holding them from their stems and pushing in the direction of arrow.



Lower basket multipurpose / height adjustable service rack (depends on the model)

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

To close the racks:

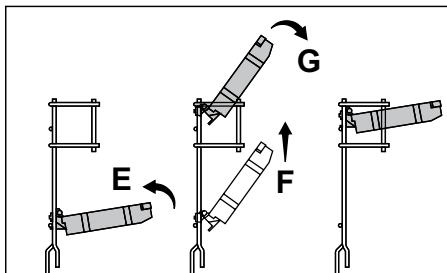
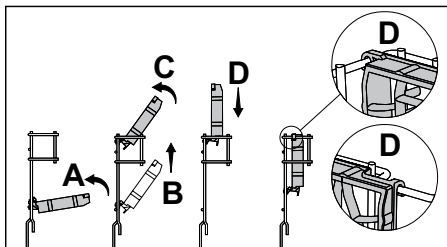
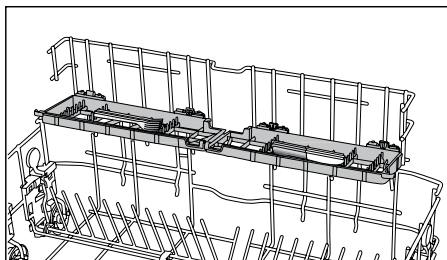
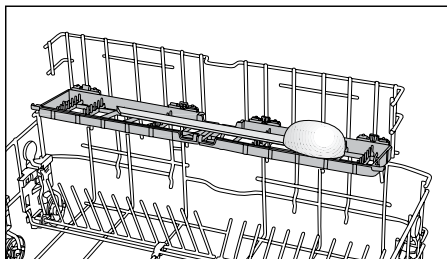
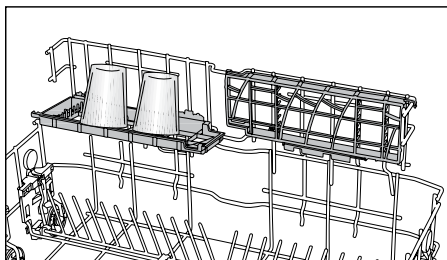
1. Fold the rack (A).
2. Slide the rack up (B).
3. Put the rack in vertical position (C).
4. Slide the rack down and lock it with the tabs (D).

i Perform the same process in reverse order to open the racks.

To adjust the height of the racks:

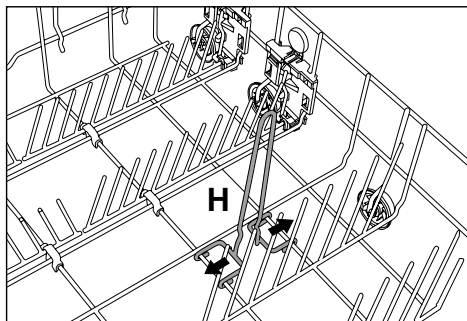
1. Fold the rack (E).
2. Slide the rack up (F).
3. Open the rack at the desired level (G).

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



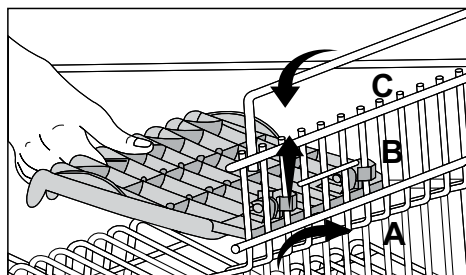
Lower basket bottle wire (depends on the model)

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



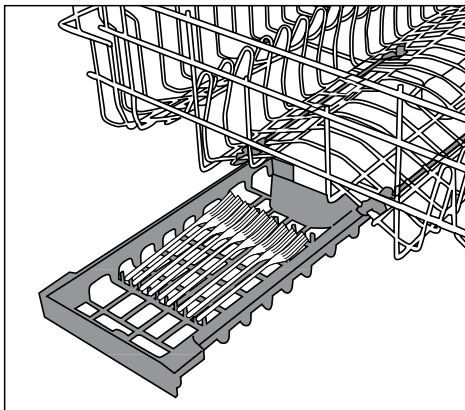
Upper basket height adjustable rack (depends on the model)

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



Upper basket drawer (depends on the model)

You can easily place additional desert spoons, small forks and knives into the basket drawer installed to the upper basket of your machine.

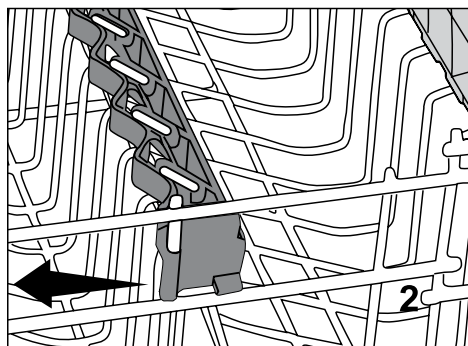
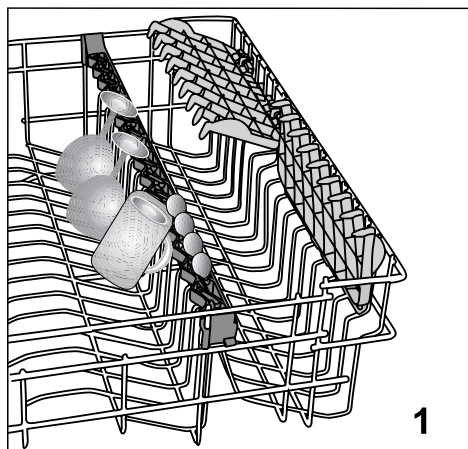


Upper basket glass support piece

(depends on the model)

When placing long stemmed glasses or wine glasses, do not lean them against other pieces but to the edge of the basket or to the rack (1). Do not lean long glasses against each other. They can move and get damaged during washing.

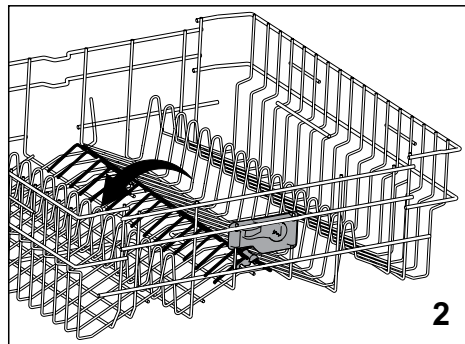
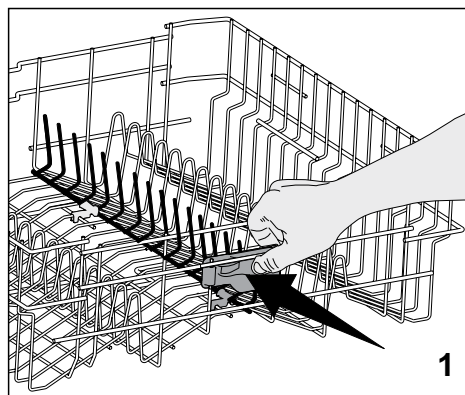
If you wish to place large-volume pieces on the upper basket, release the tab of the glass support piece from the upper basket wire it is hooked to. Thus, you can obtain a wider space.



Collapsible upper basket wires

(depends on the model)

To bring the collapsible wires on the upper basket of the machine into horizontal position, press on the latch (1). Place your larger dishes into the area created (2). To bring the wires back to vertical position, just lift them up.



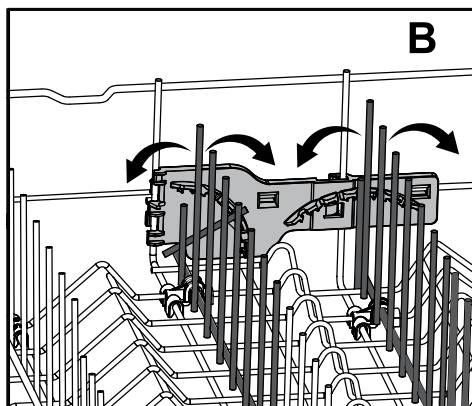
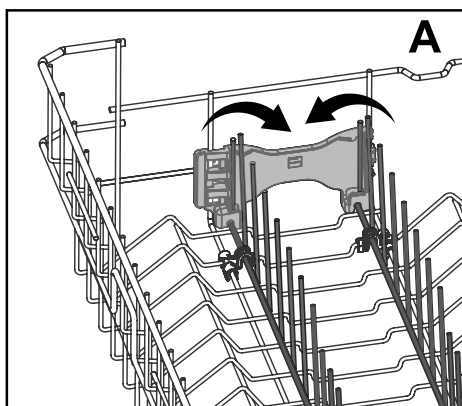
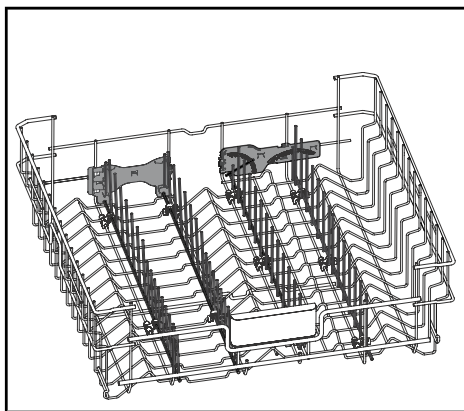
Collapsible upper basket wires

(depends on the model)

There are collapsible wires on the upper basket of the machine that you can lay down when you need a larger room for big dishes.

On your upper basket there are two types of collapsible wires namely, fully laid system (A) and gradually laid system (B). To bring the collapsible wires into horizontal position, push the wires in the direction of the arrow by holding them from the middle. You can place your larger dishes into the area created. To bring the wires back to vertical position, just lift them up. Collapsible wires will click into the latch again.

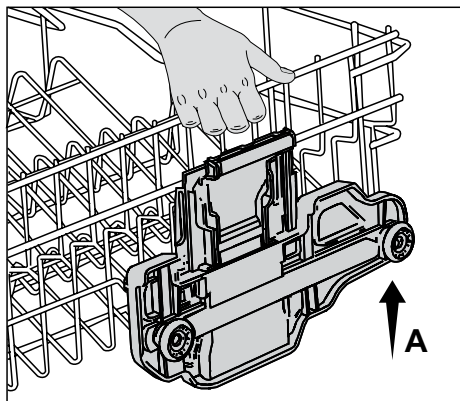
- i** Holding the wires from ends to put them in lying position may cause the wires to bend. For this reason, it will be appropriate to hold the wires in the middle from their bottoms and to push in the direction of the arrow to lay down or bring them to vertical position.



Adjusting the height of loaded upper basket

(depends on the model)

Basket adjustment mechanism on the upper basket of the machine is designed to allow you create wider areas in the upper or lower section of the machine based on your requirements by adjusting the height of the loaded basket in up or down directions without removing it from the machine.

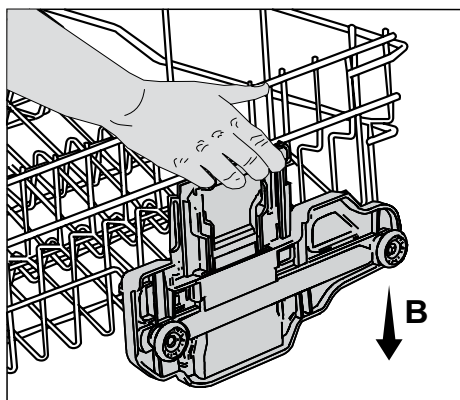


To raise the basket:

1. Grab one of the upper basket wires (right or left) and lift it up (A).
2. Repeat the same process to raise the other side of the basket.
3. Make sure that both sides of the basket height adjustment mechanism are at the same level (down or up).

To lower the basket:

1. Press the latch on the basket adjustment mechanism (right or left) to lower the basket (B).
2. Repeat the same process to lower the other side of the basket.
3. Make sure that both sides of the basket height adjustment mechanism are at the same level (down or up).



Adjusting the height of loaded upper basket

(depends on the model)

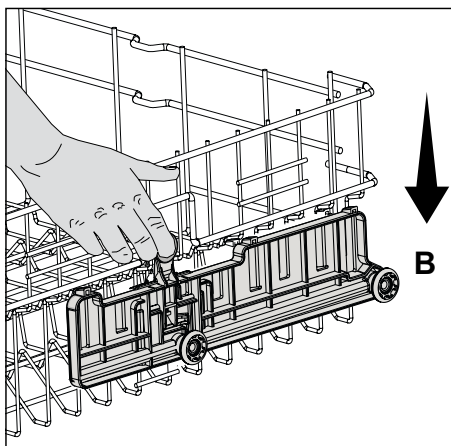
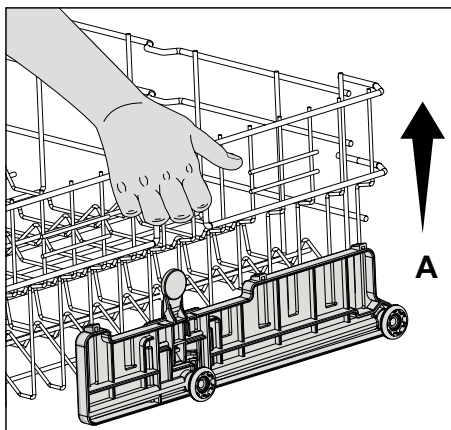
Basket adjustment mechanism on the upper basket of the machine is designed to allow you create wider areas in the upper or lower section of the machine based on your requirements by adjusting the height of the loaded basket in up or down directions without removing it from the machine.

To raise the basket:

1. Grab one of the upper basket wires (right or left) and lift it up (A).
2. Repeat the same process to raise the other side of the basket.
3. Make sure that both sides of the basket height adjustment mechanism are at the same level (down or up).

To lower the basket:

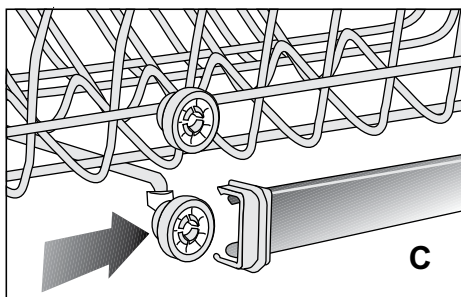
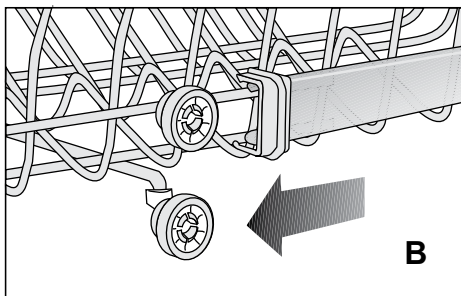
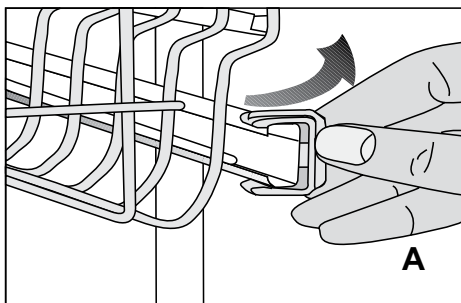
1. Press the latch on the basket adjustment mechanism (right or left) to lower the basket (B).
2. Repeat the same process to lower the other side of the basket.
3. Make sure that both sides of the basket height adjustment mechanism are at the same level (down or up).



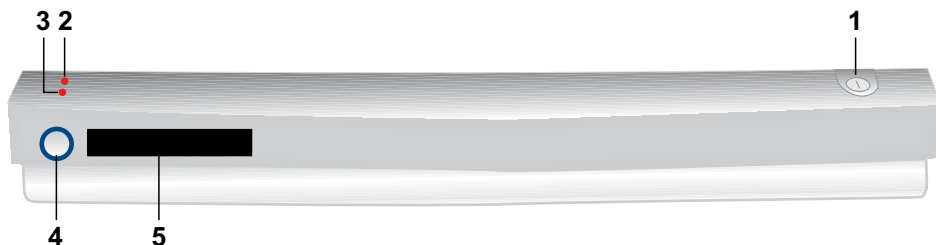
Adjusting the height of empty upper basket (depends on the model)

You can adjust the height of the upper basket according to the size of the dish to be washed. Use basket rollers to change the basket height.

1. Turn the stoppers on the ends of the upper basket rails by turning them aside (A).
2. Take the basket out (B).
3. Change the position of the rollers, place the basket into the rail and close the stoppers (C).



5 Starting Your Machine



1. On/Off Button
2. Salt Indicator
3. Rinse Aid Indicator
4. Start/Pause/Cancel Button
5. Display

1. On/Off Button

It is used to power on the machine.

2. Salt Indicator

It is used to indicate that the salt in the salt container has depleted. Refill the salt container with salt again when the indicator lights up (See. Adding Salt).

3. Rinse Aid Indicator

It is used to indicate that the rinse aid in the rinse aid container has depleted. If you want to use rinse aid, refill the rinse aid container with rinse aid again when the indicator lights up (See. Adding Rinse Aid).

4. Start/Pause/Cancel Button

It is used to startup, pause or cancel the program.

5. Display

It shows the program steps, time remaining to the end of the program and warning messages.

Language Selection

- Press the On/Off button to turn on your machine when its door is open. Then, press the Start/Stop button for 10 secs.
- “Settings” will be displayed and countdown will start from 10 secs.
- You will enter in the “Settings” menu at the end of the countdown and the language selection menu “Language” will be displayed.
- The default language will be shown on the machine after you have pressed and held the Start/Stop button for 5 secs.
- Proceed by pressing the Start/Stop button to see the other languages.
- Press and hold the Start/Stop button for 5 secs when the language you would like to select appears on the screen. “Saved” will be displayed.
- Turn off the machine by pressing the On/Off button to exit the language selection menu.
- Turn on your machine by pressing the On/Off button to return to the washing display.

NOTE: The key lock will not be activated when the door is open

and program cancellation will not be possible.

Starting Your Machine

- Open the tap.
- Plug the mains plug into the wall socket.
- Open the door.
- Press On/Off button.
- Check if the salt and rinse aid indicators light and add salt and/or rinse aid if needed.
- Place the dishes.
- Check if the upper and lower impellers rotate freely.
- Put sufficient amount of detergent in the detergent dispenser and close its lid.
- Start the program by pressing Start/Pause/Cancel button.

WARNING:

Pay attention not to open the door of the machine when it is running. Stop the machine by pressing Start/Pause/Cancel button if you have to open the door. Then, open the door. There may be a rush of vapor when you open the door of your machine. Be careful. Close the door and press Start/Pause/Cancel button again. Program will resume running.

- Key lock will be activated 30 seconds after the program starts and "Key Lock Activated" will be displayed.
- Energy saving system will be activated 90 seconds after the program starts and the display is dimmed. If you touch the button again, display brightness returns to its original status.
- "End" will be displayed when the program is over. The amount of

water and energy consumed will be displayed consecutively.

- Press the On/Off button to turn off your machine when the program is over.
- Close the tap.
- Unplug the mains plug from the wall socket.
- Leave your dishes in the machine for about 15 minutes after they are washed in order to have them cooled down. Your dishes will dry in a shorter time if you leave the door of your machine ajar during this period. **This will increase the drying effectiveness of your machine.**

Program selection

You will be prompted to select ECO or AUTO program when you press "Start / Pause / Cancel" button while the "Press to wash" message is being displayed. When you see the "Press to wash" message, press "Start / Pause / Cancel" button. Messages that countdown for AUTO program will be displayed:

Press for AUTO 5

Press for AUTO 4

Press for AUTO 3

Press for AUTO 2

Press for AUTO 1

If no process is done at the end of the countdown, "ECO program selected" message will appear and washing will start.

If you want your machine to wash in AUTO program, press "Start / Pause / Cancel" button during countdown. "Press to wash" message is displayed. When you press the "Start / Pause / Cancel" button again "AUTO program selected" message will appear and washing will start.

Key Lock

Your machine is equipped with a key lock function in order to avoid anyone else but you, particularly the children, to interfere with and change the program flow while the machine is operating. Key lock also functions as a safety system that prevents you from performing accidental operations by pressing a button unintentionally when you want to add or take out dishes from the machine.

Key lock is activated automatically in the following conditions:

- 30 seconds after the machine is turned on by pressing the On/Off button and the program is started
- If the program does not start within 30 seconds after the machine is turned on by pressing the On/Off button
- If you wait more than 30 seconds when the machine is stopped during washing

Key lock is deactivated automatically when the program is over: If you press the touch-key at the end of the program, machine will display the "Press to wash" message. If the machine is left to wait in this status, key lock will be activated after 30 seconds and "Key Lock Activated" will be displayed.

If you press the button when the key lock is active, "Key Lock Active" is displayed and if you press the key for a second time, "Press for 5 sec" is displayed. You must press Start/ Pause/Cancel key until the "Key Lock Deactivated" message is displayed to deactivate the key lock.

When you keep the Start/Pause/ Cancel key pressed, the countdown of 5 seconds starts and the following messages are displayed consecutively:

"Unlock the keylock 5"
"Unlock the keylock 4"
"Unlock the keylock 3"
"Unlock the keylock 2"
"Unlock the keylock 1"
"Keylock deactivated"

Key will remain locked if you release the key before the "Keylock deactivated" is displayed. Key lock is deactivated when the "Keylock deactivated" message is displayed. You can press the Start/Pause/Cancel key to perform the operation you want after the key lock is deactivated.

Stopping the machine

Deactivate the key lock first if you want to add/take out dishes to/from the machine before determining the level of washing. Then, you can stop the washing by pressing the Start/ Pause/Cancel key again. In this, case, following messages will displayed consecutively:

"Paused"
"Press to continue"

Press the Start/Pause/Cancel button again to deactivate the key lock and resume the program if the key lock is activated after you have completed your operation.

Canceling a program

You need to perform a canceling operation if you want to end a program before it is over. To cancel a program:

Deactivate the key lock if it is active.

"Paused" is displayed if you press the Start/Pause/Cancel key when the key lock is deactivated. If you continue to keeping the Start/Pause/Cancel key pressed, the countdown of 5 seconds starts and the following messages are displayed consecutively:

"Cancel 5"

"Cancel 4"

"Cancel 3"

"Cancel 2"

"Cancel 1"

"Cancel"

Release the key at the end of the countdown.

The message

"Cancelling"

is displayed for 45 seconds during the discharge operation.

"Cancelled"

will be displayed when the operation is completed. In this case, you can turn off your machine with the "On/Off" key or make it ready for the next cycle by pressing the "Start/Pause/Cancel" button.

WARNING:

There might be residues of detergent or rinse aid in the machine and/or on the pieces already washed depending on the step the cancelled program was in at the end of such cancellation.

Program Step Follow-up

You can follow up the washing step of the current program by means of the warning notes on the display.

"Washing"

is displayed for the steps at which the food remnants are removed or a washing with detergent is made.

The degree of soiling of the dishes is determined by measuring the degree of soiling in the washing water by means of the cleanliness sensor. The cleanliness sensor determines what to do in the following steps by measuring the degree of soiling of the water regularly. Washing temperature, washing time, washing pressures and water amount is adjusted on basis of the information received from the cleanliness sensor. This program is developed to avoid unnecessary water and energy consumption by washing the dishes in the most appropriate conditions for the degree of soiling of the dishes.

"Analysing"

is displayed during the decision steps.

The analyse is made during the first 10-30 minutes at the beginning of the washing depending on the temperature of the mains water, dissolution rate of the dirt and level of soiling of the dishes. Analysis takes less time for lightly soiled dishes, but more time for heavily soiled dishes. Cleaning operation continues during the analysis steps.

In this stage, the animation on the screen, consisting of boxes indicates that the machine is in the decision period and analysing the correct program structure.

Filled boxes on the display indicate the degree of soiling. One filled box indicates that the dishes are very lightly soiled while five filled boxes indicate that the dishes are heavily soiled. You can find information about the program flows that can be followed depending on the degrees of soiling in Program Data and Average Consumption Values Table.

The amount of dishes that you load into your machine is determined with the “load sensor” and this helps to determine the amount of water to add. The amount of dishes do not affect analysis. It only affects the time that takes to analyse the degree of soiling of the dishes and the program flow that will be followed according to the analysis result.

“Programme determined”

is displayed upon completion of the analysis and the program selected on basis of the degree of soiling is displayed.

WARNING:

You must not add dishes into the machine after the program is determined. Washing program is determined on basis of the degree of soiling of the dishes in the machine. Adding dishes into the machine after the washing program is determined can prevent to make an effective washing.

Following messages are displayed consecutively to indicate the program steps that are followed and the time remaining to the end of the program after the program structure is determined:

“Washing	hours:minutes”
“Rinsing	hours:minutes”
“Drying	hours:minutes”

The remaining time is displayed in “hours:minutes”. For example, 1:10 on the display means 1 hour and 10 minutes. The time will countdown with steps of one minute, allowing to follow-up the time remaining to the end of the program.

End of program will be indicated by an audio signal and the “End” message. Amounts of water and energy consumed are indicated in liters and kWhours respectively.

Note: “Very Lightly Soiled” program structure will be activated automatically when you want to take the dust on your clean kitchenware in the chine cabinet or in the kitchen. This program structure is the “Fastest” one of the 5 program structures on the machine, defined on basis of the degree of soiling. In this machine, equipped with a fast program “A” drying level, the program time is longer then the other machines and models since they do not have “drying step” in fast programs.

Warning Messages

Your machine will give you some important feedbacks while it is running. You can find what to do from the following table when these informative messages are displayed.

Door is Open	Close the door of your machine.
No Water	<ol style="list-style-type: none">1. Make sure that the water is not cut-off.2. Make sure that the tap is open.3. Call service if water is not cut-off and the tap is open.
Call Service	It is possible that your machine has taken in plenty of water due to various reasons. Call the service.
Pls Check the Filter	Remove your filter and clean it under running water. If there is remained water in the tank, perform the Cancellation and have the water in the tank drained. Clean any leftover deposits that have piled up in the bottom of the tank, blocking the water path. If the interior of your machine is dirty, run it with or without detergent while it is empty. Please always make sure that you scrape the large food remnants on your dishes into a dustbin using a fork, paper towel or a napkin before placing them into the machine. Clean your machine regularly by using machine cleaners that are specifically produced by the detergent producers.

Program Data and Average Consumption Values Table

AUTO 40 °C-70 °C: Cleanliness Sensor will detect the degree of soiling of the water during washing and automatically determine the appropriate temperature, time and water quantity. Your machine can run one of the 5 different program structures based on the degree of soiling of the dishes.

Program	Eco *	AUTO 40 °C-70 °C				
		Quick	Normal	Daily	Intensive Daily	Intensive
Degree of Soiling	-	Very Lightly Soiled	Lightly Soiled	Soiled	Very Soiled	Heavily Soiled
Degree of Soiling Indication	□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	■ ■ ■ ■ ■
Type of Dishes	Most economical washing program for the medium soiled daily dishes that are kept waiting.	Applied automatically for dishes with large food remnants that are cleaned under running water or scraped with a napkin to be washed immediately, or for dishes that you would like to remove the dusts on.	Applied automatically for dishes that are not pre-cleaned but washed immediately, or for dishes that are kept waiting after the large food remnants are removed.	Applied automatically for dishes that are not pre-cleaned and not washed immediately.	Applied automatically for heavily soiled dishes that are not pre-cleaned and kept waiting for a long time.	Applied automatically for heavily soiled and oily dishes, oily saucepans and frying pans.
Washing Temperature	50 °C	40 °C	55 °C	50 °C	65 °C	70 °C
Program Time (min.)**	189	62-80	82-105	124-155	127-163	109-125
Water Consumption (lt)	10	10,4	10,4	10	14,2	16,2
Power Consumption (kWh)	0,9	1,10	1,14	1,05	1,42	1,50

Average consumption values are valid for 15°C water inlet temperature and 21°C ambient temperature. Values stated on the markings of the product or in the printed documents accompanying the product are obtained in the laboratory on basis of the relevant standards. These values may change according to the usage and ambient conditions of the product.

* Reference programme for testing institutes. The tests in accordance with EN 50242 must be carried out with a full water softener salt dispenser and a full rinse aid reservoir, and using the test programme.

** The first period indicates the time remaining after the program is determined and the second period indicates the total time elapsed after the program has started.

6 Maintenance and cleaning

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

- ⚠ Unplug the product and turn off the tap before attempting any cleaning procedures.
- ❗ Do not use abrasive substances for cleaning.
- ❗ Clean the filters and impellers at least once a week.

Cleaning the outer surface of the product

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

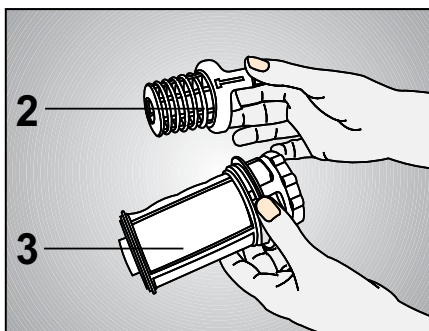
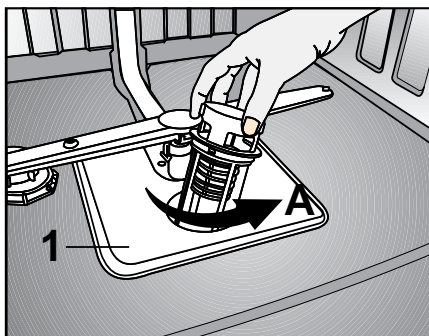
Cleaning the interior of the machine

- Clean the interior of the machine and the tank by running a prewash programme without detergent or a long washing programme with detergent based on the degree of soiling.
- If water has remained in the machine, drain the water by performing the procedures under the topic "Canceling a programme". If the water cannot be discharged, clean any leftover deposits that have piled up in the bottom of the machine, blocking the water path.

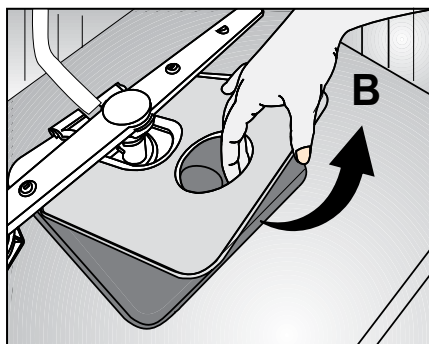
Cleaning the filters

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

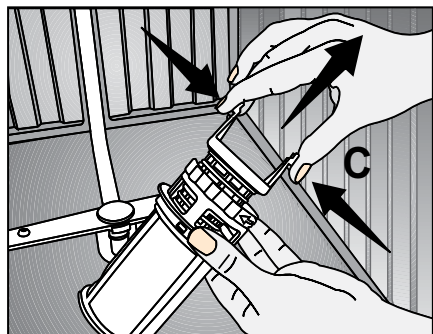
1. Turn the micro filter (3) and coarse filter (2) assembly counter clockwise and pull it out from its seating (A).



2. Pull out the metal / plastic filter (1) (B).



3. Press the two pawls on the coarse filter inwards and separate the coarse filter from the assembly (C).



4. Clean all three filters under tap water by means of a brush.
5. Replace the metal/plastic filter.
6. Place the coarse filter into the microfilter. Make sure that it is properly seated. Turn the coarse filter clockwise until a “click” sound is heard.

⚠ Do not use the dishwasher without filter.

❗ Incorrect placement of the filters will reduce washing efficiency.

Cleaning the hose filter

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

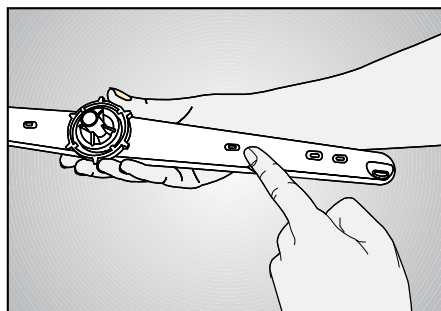
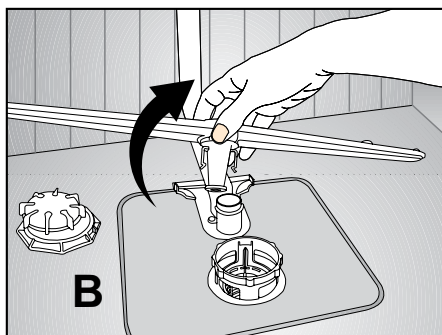
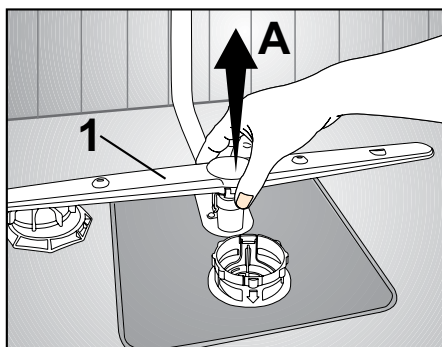
1. Turn off the tap and remove the hose.
2. After taking out the filter, clean it under running tap water.
3. Place the cleaned filter back to its seat in the hose.
4. Install the hose to tap.

Cleaning the impellers

Clean the impellers at least once a week in order for the machine operates efficiently.

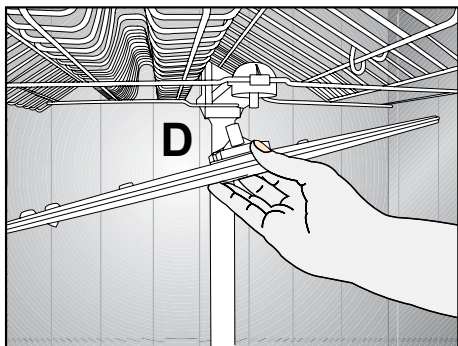
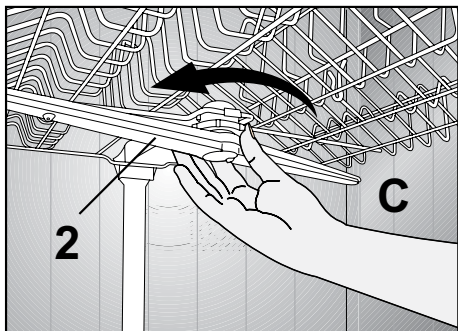
Lower impeller

Check if the holes on the lower impeller (1) are clogged. If they are clogged, remove and clean the impeller. Pull the lower impeller up to remove it (A, B).



Upper impeller

Check if the holes on the upper impeller (2) are clogged. If they are clogged, remove and clean the impeller. Turn its nut to left to remove the upper impeller (C, D). Make sure that the nut is tightened well when installing the upper impeller.



7 Troubleshooting

Machine does not start.

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

Dishes are not washed clean

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

Dishes are not dry at the end of cycle

- Dishes are not placed orderly in the machine. >>> *Place your dishes in a way that no water will accumulate in them.*
 - Rinse aid is not sufficient. >>> *Check the rinse aid indicator and add rinse aid if necessary. Increase the rinse aid setting if there is enough amount of rinse aid in the machine.*
 - Machine is unloaded right after the programme is over. >>> *Do not unload your machine right after washing process is completed. Slightly open the door and wait for evacuation of the steam inside for a while. Unload the dishes after the pieces cool down to a touchable level. Start unloading process from the lower basket. Thus, dropping of water remained on a piece at upper basket onto the pieces at lower basket is prevented.*
 - Selected programme is unsuitable. >>> *Since rinsing temperature is low at programmes with short duration, drying performance will also be low. Select programmes with longer duration for a higher drying performance.*
 - Surface quality of the kitchen utensils is deteriorated. >>> *Desired washing performance can not be obtained at kitchen utensils with deteriorated surfaces and it is not suitable to use such utensils in terms of hygiene as well. Also, water can not flow easily on deteriorated surfaces. It is not recommended to wash such kitchen utensils in dishwasher.*
- ❗ It is normal that drying complaints can be experienced with Teflon kitchen utensils. It is associated with the structure of Teflon. Since the surface tensions of Teflon and water are different, water droplets will remain as beads on the Teflon surface.

Tea, cafe or lipstick stains remain on dishes.

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

Lime traces remain on dishes and glassware gains a misty appearance

- Rinse aid is not sufficient. >>> *Check the rinse aid indicator and add rinse aid if necessary. Increase the rinse aid setting if there is enough amount of rinse aid in the machine.*
- Water hardness setting is low or salt level is insufficient >>> *Measure the hardness of the supply water appropriately and check the water hardness setting.*
- Salt leakage exists. >>> *Pay attention not to spill salt around the salt filling hole while adding salt. Make sure that the salt reservoir lid is tightly closed after finishing the filling process. Run the prewash programme to remove the salt that spilled inside the machine. Since the salt granules that will remain under the lid will dissolve during prewash, causing the lid loosen, check the lid once again at the end of the programme.*

There is a different odour in the machine

- ① A new machine has a peculiar odour. It will fade out after a couple of washing.
- Filters are clogged. >>> *Check if the filter system is clean. Clean the filter system regularly as illustrated in section "Cleaning and Care".*
 - Dirty dishes are kept in dishwasher for 2-3 days. >>> *If you are not going to start the machine right after you have put the dishes into it, remove the remnants on the dishes and run the Prewash programme without detergent every 2 days. In such cases, do not close the door of the machine completely in order to avoid odour build up in machine. You can also use commercially available odour removers or machine cleaners.*

Rust, discoloration or surface deterioration occurs on dishes

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

Detergent remains in detergent dispenser.

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

Decorations and ornaments on kitchen utensils are being erased.

- ① Decorated glasses and decorated luster porcelains are not suitable for washing in the dishwasher. Manufacturers of glassware and porcelain tableware items do not recommend washing such kitchen utensils in the dishwashers either.

Dishes are scratched.

- ① Kitchen utensils that contains or are made of aluminum should not be washed in dishwasher.
- Salt leakage exists. >>> *Pay attention not to spill salt around the salt filling hole while adding salt. Spilled salt can cause scratches. Make sure that the salt reservoir lid is tightly closed after finishing the filling process. Run the prewash programme to remove the salt that spilled inside the machine. Since the salt granules that will remain under the lid will dissolve during prewash, causing the lid loosen, check the lid once again at the end of the programme.*
 - Water hardness setting is low or salt level is insufficient >>> *Measure the hardness of the supply water appropriately and check the water hardness setting.*
 - Dishes are not placed orderly in the machine. >>> *When placing the glasses and other glassware into the basket lean them not against other dishes but the edges or racks of the basket or the glass support wire. Striking of the glasses to each other or to other dishes due to the impact of water during washing can cause breaks, or scratches on their surfaces.*

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

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

Foam forms in the machine.

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

Kitchen utensils are broken.

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

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

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

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

