

GRUNDIG

Dishwasher

User's Manual



GNFP5540DWA



Dear Customer,
Please read this user manual before using the product.

Thank you for choosing this Grundig 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 before using the product.

Follow all warnings and information in the user manual. Thus, you can protect yourself and your product against potential dangers.

Keep the user manual. If you handover the product to someone else, give the user manual as well.

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



Danger that may result in death or injury.

NOTICE Danger that may result in damage to the product or its surroundings.



Important information or useful hints about usage.



Read the user manual.

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1-Safety Instructions

- This section contains safety instructions that will help get protected against risks of personal injury or property damage.
- Our company shall not be responsible for damages that may arise when these instructions are not followed.

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

 Only use original parts and accessories.


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

 Do not make any technical modifications to the product.

Intended Use

 This product is designed to be used in houses and indoor places. For example:


- Personnel kitchens in stores, offices and other working environments;
- Farm houses;
- Areas used by customers at hotels, motels and other types of accommodation;
- Bed&breakfast type hotels, boardinghouses.


 This product must be used to do the domestic type dishes only.


 This product is not suitable for commercial or collective use.

- The service life of your product is 10 years. During this period, original spare parts will be available to operate the product properly.

Safety for children, vulnerable persons and pets

 This product can be used by children at and above 8 years old and by persons whose physical, sensory or mental capabilities were not fully developed or who lack experience and knowledge provided that they are supervised or trained on the safe usage of the product and the risks it brings out.

 Children below the age of 3 must be kept away from the product unless they are continuously supervised.

 Electrical products are dangerous for children and pets. Children and pets must not play with, climb on or enter inside the product.

 Do not forget to close the door of the product when leaving the room where it is located. Children and pets may remain locked inside the product and suffocate.

 Cleaning and user maintenance works should not be performed by children unless they are supervised by someone.

 Keep packaging materials away from children. There is the risk of injury and suffocation.

 Store all detergents and additives used with the product in a safe place away from the reach of children.


 For children's safety, cut the power cable and break the locking mechanism so that it will be non-functional before disposing of the product.


Electrical safety


 The product must be unplugged during installation, maintenance, cleaning, repairing and moving procedures.


 If the power cable is damaged, it must be replaced by a qualified person specified by the manufacturer, authorised service agent or importer in order to avoid potential dangers.

 Do not squeeze the power cable under or behind the product. Do not place heavy objects on the power cable. Power cable must not be bent excessively, pinched or come into contact with any heat sources.


 Do not use extension cords, multi-sockets or adapters to operate the product.


 Plug must be easily accessible. If this is not possible, the electrical installation where the product is connected must contain a device which conforms to the electrical regulations and disconnects all poles from the grid.

 Do not touch the power plug with wet hands.

 Remove the plug from the socket by gripping the plug and not the cable.

Transportation Safety

 Before transporting the product unplug it and disconnect its drain and water supply connections. Drain the remaining water in the product completely.

 Product is heavy, do not move it alone.







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

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

NOTICE Make sure that the hoses do not get kinked,


squeezed or crushed while placing the product into its location after installation or cleaning procedures.

Installation Safety





- To make the product ready for use, review the information in the user manual and installation instructions and make sure that the electricity, water supply and drain systems are appropriate. If they are not, call a qualified technician and plumber to have the necessary arrangements carried out. These procedures are under customer's responsibility.
 - Prior to installation, check if the product has any defects on it. If the product is damaged, do not have it installed.
 - Do not install the product in environments where the temperature falls below 0°C.
-  Do not place the product on carpets or similar surfaces. This may cause fire hazard since the product will not be ventilated from below.
-  Place the product on a clean, flat and solid surface and balance it with adjustable feet. If the feet are not adjusted properly, the door will not be closed completely and cause hot steam to escape. Otherwise, it might cause serious burns and injuries, and harm your furniture.
-  Do not install the product close to heat sources (heater, stove and etc.) or under the cooking area of a hob.
- If the product is going to be used inside a wardrobe/cabinet/module, keep the doors of the wardrobe/cabinet/module open during operation in cases where there are no openings to provide sufficient air circulation.
-  Plug the product in a grounded socket protected by a fuse with current values as per type label of the product. Have the grounding installation made by a qualified electrician. Do not use the product without having the grounding made as per local/national regulations.
-  Plug the product in a socket that conforms the voltage and frequency values stated on the type label of the product.
-  Do not plug the product in sockets that are loose, dislocated, broken, dirty, greasy or bear the risk of getting in contact with water, such as places where there might be water leak from the counter.
- NOTICE** You must use the new hose set provided with the product. Do not reuse the old

hose set. Do not make extension at the hoses.








NOTICE Connect the water inlet hose directly to the water tap. Pressure coming from the tap should be 0.03 MPa (0.3 bars) minimum and 1MPa (10 bars) maximum. If the water pressure exceeds 1 MPa (10 Bars), a pressure relief valve should be installed in between.

 Route the power cable and hoses in a way that they do not cause risk of tripping.

Operational safety

- Only dishwasher safe detergents, rinse aids and additives must be used.
-  Never use chemical solvents in the product. They bring forth the risk of explosion.
-  The wash-water inside the product is not potable.
-  Dishwasher detergents have high alkali content and can be very dangerous when ingested. Avoid letting them get into contact with skin and eyes and keep children away from the product when its door is open. Make sure that the detergent dispenser is empty after the washing cycle is complete.
-  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 sit or put

other loads on the door; otherwise, the product may tilt.

-  Maximum washing capacity of the product is stated in the section called “**Technical Specifications**”.
-  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 face down or they lie horizontally in the dish basket.
-  Open the door of the product carefully if you need to do so when the product is running. Be careful against hot steam that may escape or hot water that may spill.
-  Do not start the broken or damaged product. Unplug the product (or switch off the fuse it is connected to), turn off the water tap and call the authorised service agent.
-  Do not place flame sources (lit candles, cigarettes, etc.) on or close to the product. Do not keep combustible/flammable substances close to the product.
-  Do not climb on the product.
 - Unplug the product and close the tap if you are not going to use it for a long time.
-  This dishwasher is intended for use at altitudes of up to 2000 m above sea level.

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

2-Environmental Instructions

Compliance with WEEE Directive and Disposing of the Waste Product

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



This symbol indicates that this product shall not be disposed with other household wastes at the end of its service life. Used device must be returned to official collection point for recycling of electrical and electronic devices. To find these collection systems please contact to your local authorities or retailer where the product was purchased. Each household performs important role in recovering and recycling of old appliance. Appropriate disposal of used appliance helps prevent potential negative consequences for the environment and human health.

Compliance with RoHS Directive

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

Package information



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

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 number and serial number of the product to be tested in your request e-mail along with your contact information. Code, stock number and serial number of the product may be found on the type label attached to the side wall of the door.

Compliance to standards and test data/EC declaration of conformity



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

2014/35/EU, 2014/30/EU, 93/68/EC, IEC 60436 / EN 60436



The model information as stored in the product database can be reached by entering following website and searching your model identifier (*) found on energy label.

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



ENERGY



XXXXXXXXXX (*)

A

Technical specifications

Maximum washing capacity (check the energy label and Programme data and average consumption values table given on Quick Guide.)

Height (check installation document for installation)

Width: 60

Depth: 57

Power input: 220-240 V, 50 Hz *

Total power 1800-2100 W *

Heater power: 1800 W *

Total current: 10 A *

Pump power: 90 - 125 W *

Drain pump power: 30 W *

* For detailed electrical values, check the type label on the machine door.

Water Pressure 0.3 –10 bar
(= 3 – 100 N/cm² = 0.03-1.0 Mpa)



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



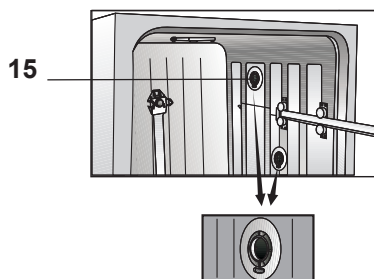
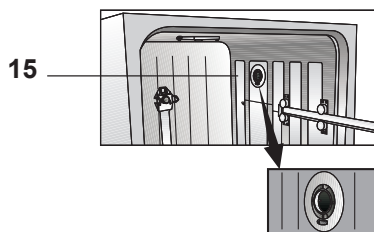
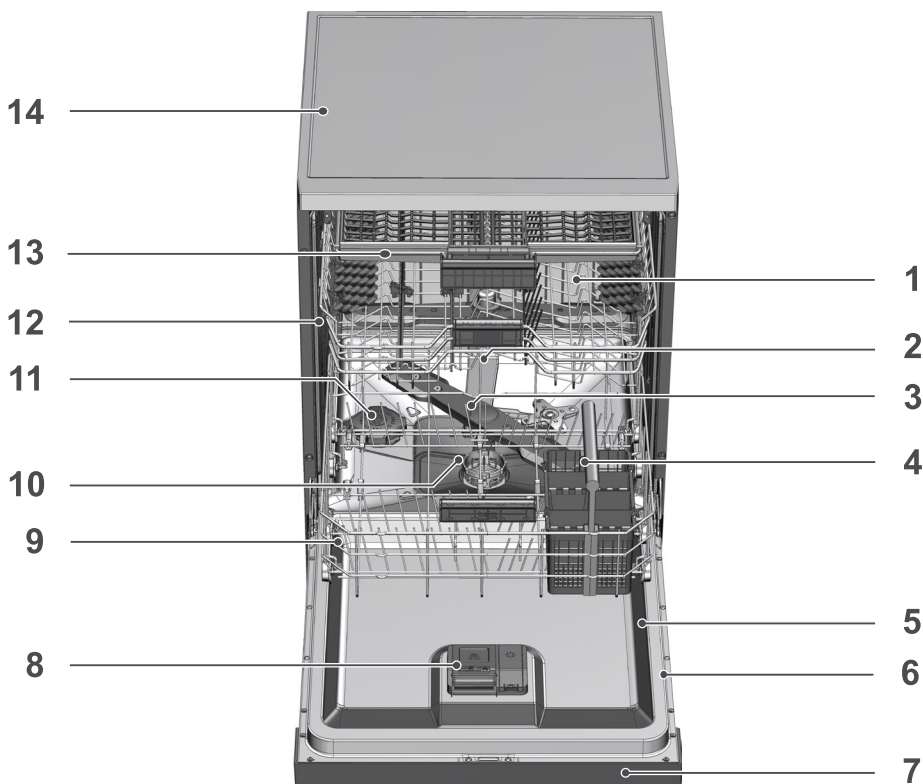
Figures in this manual are schematic and may not match the product exactly.



Values stated on the markings of the product or in the printed documents accompanying the product are obtained in the laboratory on basis of the relevant standards. These values may vary according to the usage of the product and ambient conditions.

3-Your dishwasher

Overview



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

4-Installation

! Read “Safety Instructions” section first! Installation procedures must always be performed by the manufacturer, authorised service agent or a qualified person specified by the importer. 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 the necessary arrangements carried out.

i 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 responsible for damages arising from processes carried out by unauthorised persons.

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

i 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.

i The front of the appliance may not be removed on free-standing or under-the-counter models. The warranty will be void if this is done.

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

i In the area where this product is installed, there must not be a lockable, sliding or hinged door that will restrict full opening of the product's door.

i Make sure that you select a location that will allow you to load and unload the dishes in a fast and comfortable manner.

- 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 properly and securely.
- Do not install the product at places where temperature may fall below 0°C.
- Place the product on a hard 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 at 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

i We recommend installing a filter at the water inlet in order to prevent the dirt (sand, clay, rust) in the mains or water installation of your home from damaging the machine or the dishes.

Permitted water temperature: up to 25°C (60°C for products equipped with WaterProtect+; please refer to WaterProtect+ section)

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

NOTICE Do not use an old or used water inlet hose on the new product. Use the new water inlet hose supplied with the product. Do not make extension at the hoses.

NOTICE Connect the water inlet hose directly to the water tap. Pressure coming from the tap should be 0.3 bars minimum and 10 bars maximum. If the water pressure exceeds 10 bars, a pressure relief valve should be installed in between.

NOTICE The water supply and draining hoses must be securely fastened and remain undamaged.

NOTICE Open the taps completely after making the connections to check for water leaks.



WaterProtect+

(depends on the model)

The WaterProtect+ system protects against water leaks that may occur at the hose inlet. Water contact with the valve box of the system must be avoided to prevent damage to the electrical system.

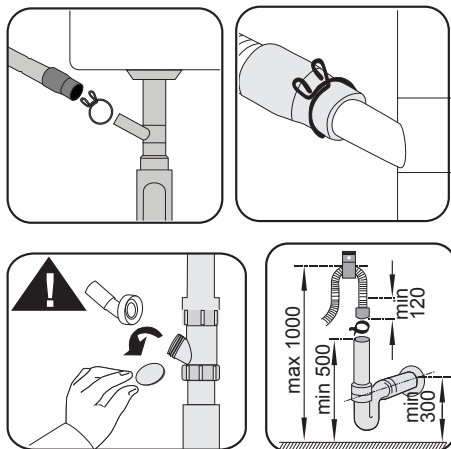


! As the hose set contains electrical connections and assemblies, never shorten or lengthen the hose with extension hoses.

! If the WaterProtect+ system is damaged, unplug the product and call the authorised service agent.

Connection to the drain

Water discharge hose can directly be connected to the drain hole or sink's drainage. See the installation manual supplied with your machine for detailed information.



- i** Drain pipe 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 rocks 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.

- !** Steam may escape if the door of the dishwasher is not adjusted properly. Hot steam may cause serious burns and injuries and damage your furniture.

Electrical connection

- !** Connect the product to a grounded outlet protected by a fuse complying with the values in the "Technical specifications" table. Our company 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 easily accessible after installation.
- Plug in the product to a grounded socket which is protected by a fuse of 10 Amperes.
- 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.

- !** This appliance must be earthed. If the fitted moulded plug is not suitable for your socket, then the plug should be cut off and an appropriate plug fitted.


- !** Destroy the old plug, which is cut off as a plug with a bared cord could cause a shock hazard if inserted into a socket elsewhere in the house.

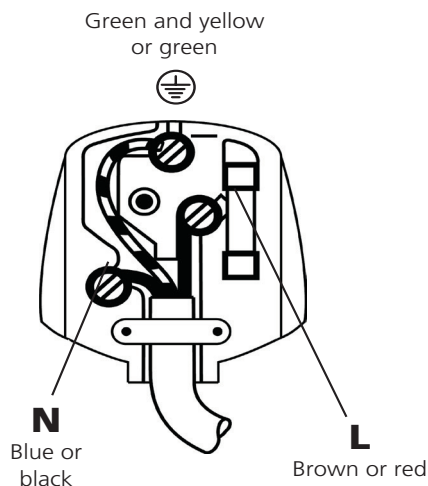
- !** The moulded plug on this appliance incorporates a 13A fuse. Should the fuse need to be replaced an ASTA approved BS1362 fuse of the same rating must be used. Do not forget to refit the fuse cover. In the event of losing the fuse cover, the plug must not be used until a replacement fuse cover has been fitted. Colour of the replacement fuse cover must be the same colour as that visible on the

pin face of the plug. Fuse covers are available from any good electrical store.

Fitting a different plug


As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals on your plug, proceed as follows:

1. Connect the green - yellow or green (earth) wire to the terminal in the plug marked 'E' or with the symbol  or coloured green and yellow or green.
2. Connect the blue (neutral) wire to the terminal in the plug marked 'N' or coloured black.
3. Connect the brown (live) wire to the terminal in the plug marked 'L' or coloured red.



With the alternative plugs a 13A fuse must be fitted either in the plug or adaptor or in the main fuse box. If in doubt contact a qualified electrician.


5- Preparation


 Read “Safety Instructions” section first!

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.


 Manual pre-rinsing of tableware items leads to increased water and energy consumption and is not recommended.

 Washing tableware in a household dishwasher usually consumes less energy and water in the use phase than hand dishwashing when the household dishwasher is used according to the manufacturer's instructions.

Operate the product after filling it completely. When selecting a programme, consider the table of "Programme data and average consumption values" given on Quick Guide. Do not put more detergent than suggested on the detergent package.


Water softening system

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

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

Adjusting the water softening system

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

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

The regeneration of the water softening system can be done in all programmes during drying step. When regeneration occurs, duration, energy and water consumption of the programme increase. For regeneration process; frequency of regeneration cycle, maximum additional duration, water and energy consumption are given in table below depending on Eco 50°C programme water consumption, when the dishwasher is run under standard conditions with 14 dH water supply on its Eco 50°C programme:

Eco 50°C water consumption (l)	Regeneration after cycles	Additional duration (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 the water consumption of your dishwasher on Eco 50°C programme, look at the Programme data and average consumption values table given on Quick Guide.

Adding salt

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

- i** Use only special softening salts produced particularly for the dishwashers in your machine.
 - i** It is recommended to use granule- or powder-formed softening salts in the water softening system. Do not use salts that do not completely dissolve in water such as table salt or rock salt. Otherwise the performance of the system may deteriorate in time.
 - i** Salt reservoir will be filled with water when you start the product. For this reason, add salt before operating the machine.
1. Firstly, take the lower basket out to add softening salt.
 2. Turn the salt reservoir lid counter-clockwise to open it (A).



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



- i** You can put about 2 kg of softening salt into the salt reservoir.
5. Replace the lid and tighten it when the reservoir is full.
- i** You need to add salt right before starting the machine. Thus, the overflowing salty water will be flushed immediately, preventing the risk of corrosion in machine. In cases where you would not start washing immediately, run your machine empty in the shortest programme.
 - 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, liquid/gel or tablet detergents in the machine.

- ⚠** Only use detergents produced particularly for use with dishwashers. Note that detergents that contain chlorine and phosphate can be harmful for the environment. Liquid detergents without chlorine may not remove tea and coffee stains from cups.

Adding detergent

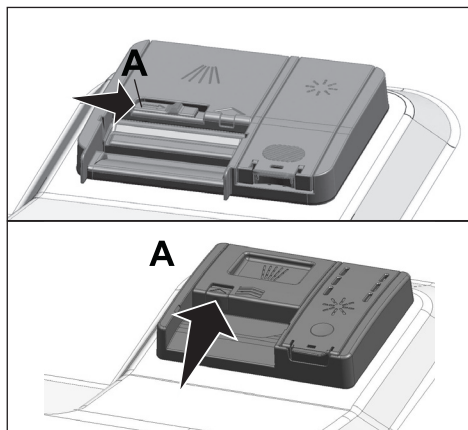
- i** Pay attention to the warnings on the detergent packaging to get better washing and drying results. Contact

the manufacturer of the detergent for further questions.

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

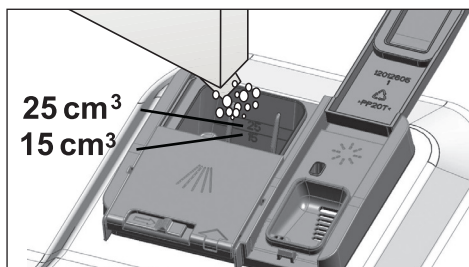
Put the detergent into the detergent dispenser just before operating the machine as illustrated below.

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

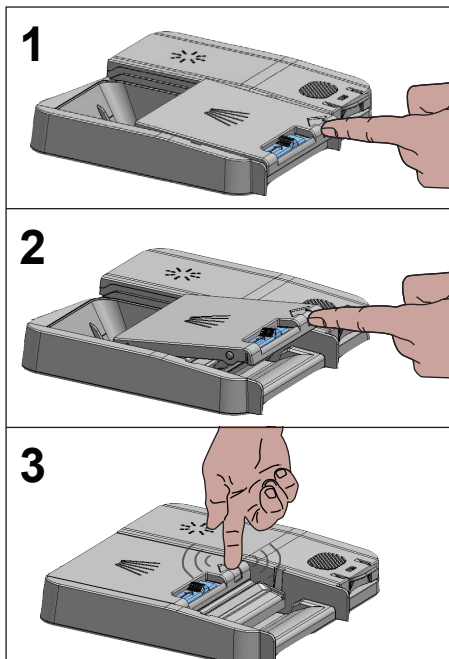


2. Put suggested amount of powder, liquid/gel or tablet detergent in the reservoir.

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



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

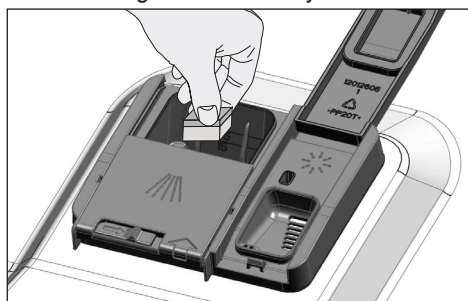


- i** Use powder or liquid/gel detergent in short programmes without prewash since the solubility of the tablet detergent changes depending on the temperature and time.

Tablet detergents

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

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



- i** Observe the instructions of the detergent manufacturer on the package when using tablet detergents.
- i** Contact the detergent manufacturer if your dishes are wet and/or if you notice limescale spots particularly on your glasses after the washing programme is over when using a tablet detergent.

When you switch to powder detergent from tablet detergent:

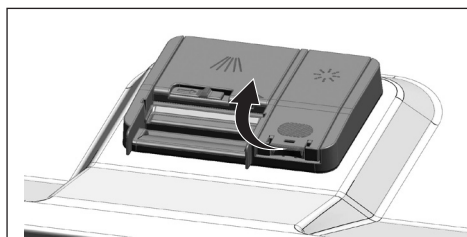
1. Make sure that salt and rinse aid reservoirs are full.
2. Set the water hardness to the highest level and perform an empty run.

3. After the empty washing cycle, review the user manual and readjust the water hardness level so as to suit the water supply.
4. Make the appropriate rinse aid settings.

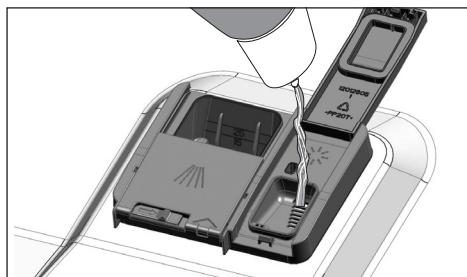
Rinse aid

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

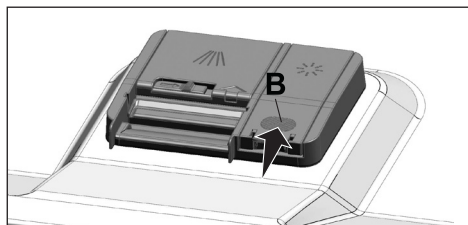
1. Open the lid of the rinse aid reservoir with the help of the latch.



2. Fill the reservoir until "MAX" level.



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



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

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

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.

Items not suitable for washing in the dishwasher

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

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

Placing the dishes into the dishwasher

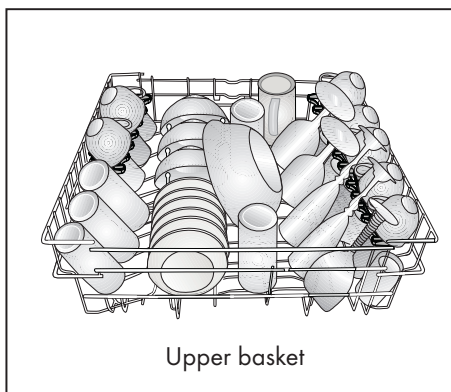
Depending on the capacity of your dishwasher, you can use your dishwasher in the optimum way with respect to energy consumption and washing and drying performance only if you place the dishes in an orderly way.

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

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

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

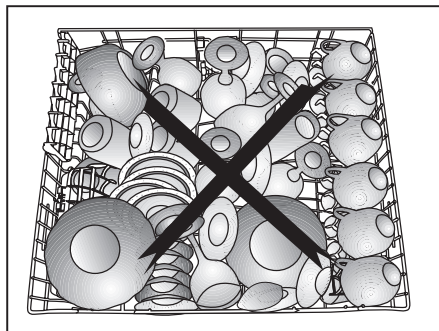
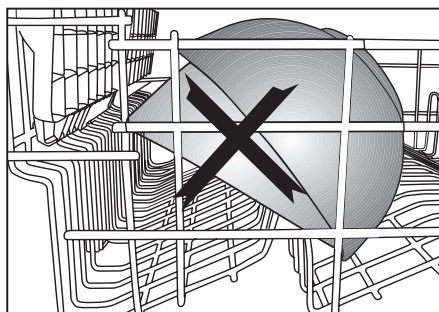
Suggestions for loading the dishwasher



Improper Loading Of Dishware



Improper Loading Of Dishware

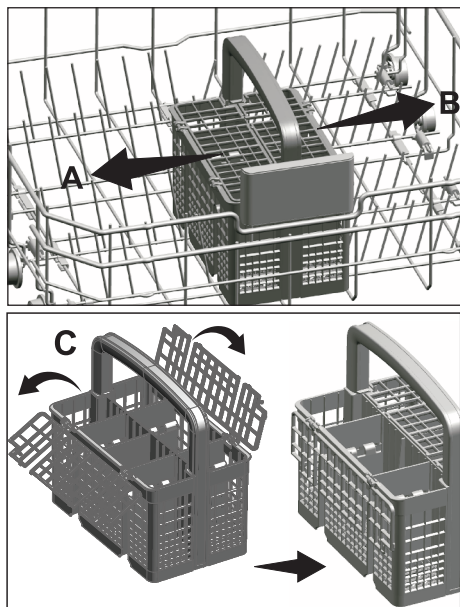


Cutlery basket

(depends on model)

Cutlery basket is designed to wash your dishes such as knife, fork, spoon, etc. in an efficient manner.

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

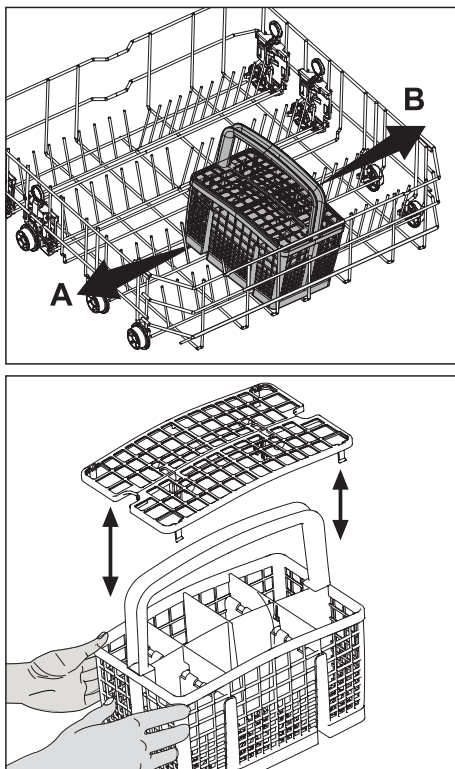


Cutlery basket

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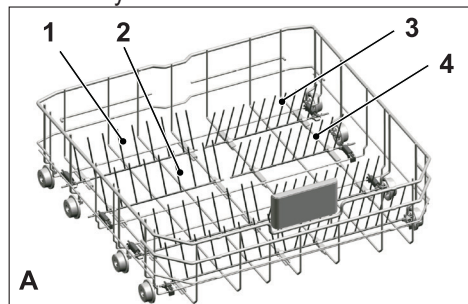
Since the cutlery basket can be moved (A, B), you can create more space while placing your dishes in the lower basket and free up space for your dishes of different sizes..



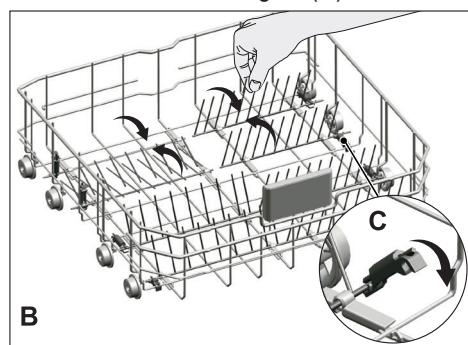
Collapsible lower basket tines

(depends on model)

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



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

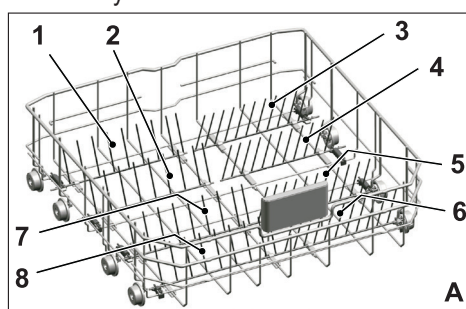


- i** Bringing the tines to the horizontal position by holding them from the tips may cause them to bend. Therefore, it will be appropriate to bring the tines in the middle to horizontal or vertical position by holding them from their stems and pushing in the direction of arrow.

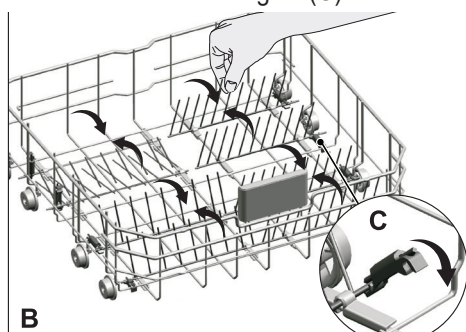
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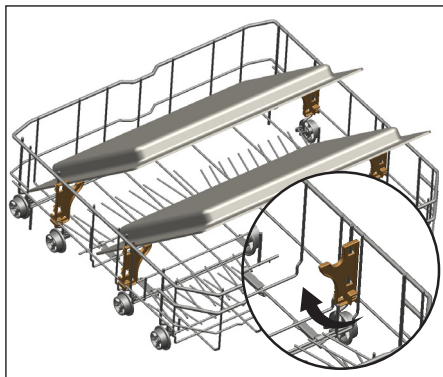
- i** Bringing the tines to the horizontal position by holding them from the tips may cause them to bend. Therefore, it will be appropriate to bring the tines in the middle to horizontal or vertical position by holding them from their stems and pushing in the direction of arrow.

Tray Wash Supports

(depends on model)

Use the supports to wash trays in the bottom basket.

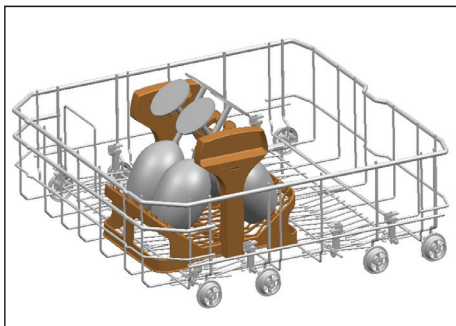
See the Auxiliary functions section for appropriate programme and function selection.



SoftTouch Accessory

(depends on model)

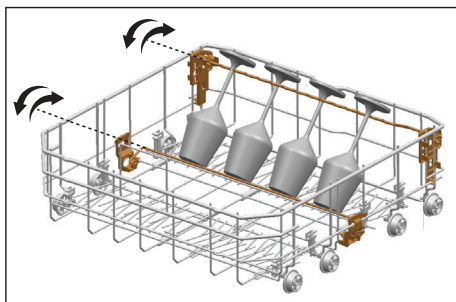
The SoftTouch Accessory found in the lower basket of your machine enables a safe washing for your fragile glasses.



Lower Basket Glass Holder

(depends on model)

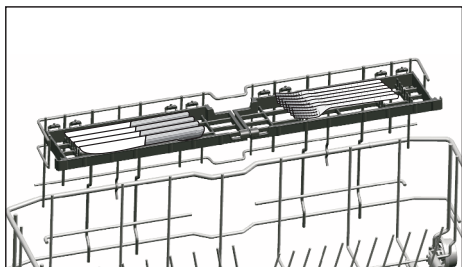
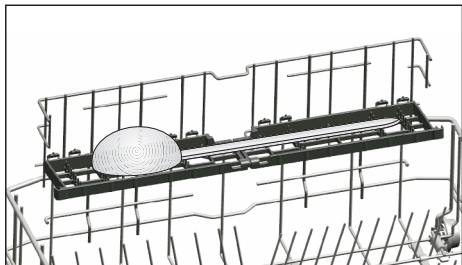
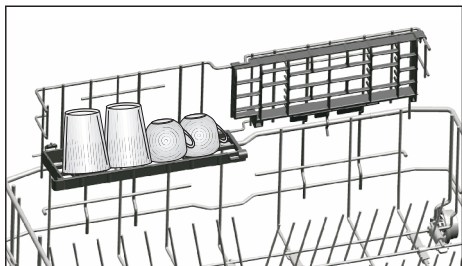
Lower Basket Glass Holder found in the lower basket of your machine enables a safe washing for your oversized and tall glasses.



Lower basket multipurpose / height adjustable service rack

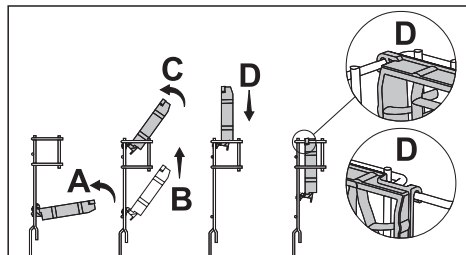
(depends on model)

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



To close the racks:

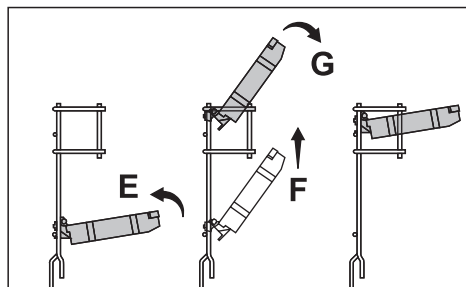
1. Fold the rack (A).
2. Slide the rack up (B).
3. Put the rack in vertical position (C).
4. Slide the rack down and lock it by the tabs (D).



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

To adjust the height of the racks:

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



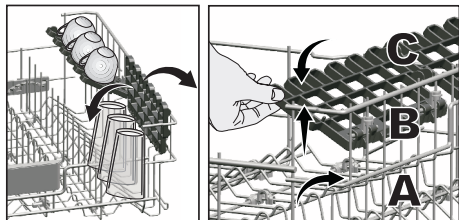
i You may use the racks as required by moving them to lower or upper position, or close them to create a wider space in your lower basket.

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

Upper basket height adjustable rack

(depends on model)

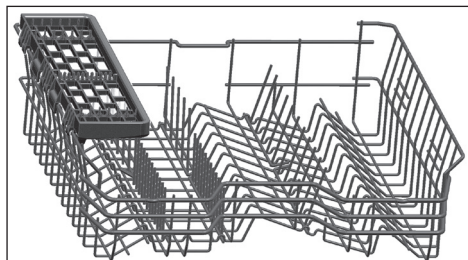
Use the lower and upper parts of the height adjustable racks in the upper basket of the machine by sliding them down or up according to the heights of the glasses, cups or etc. (A, B, C).



Upper basket multipurpose service rack

(depends on model)

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



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



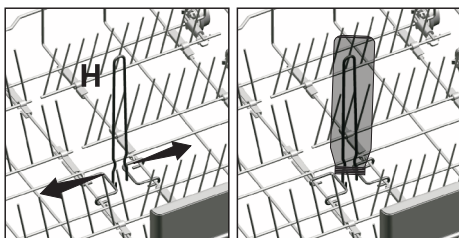
If you want to use the upper basket multipurpose service rack again, you can easily attach it to the side section of your upper basket.



Lower basket bottle wire

(depends on model)

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



Adjusting the height of the upper basket

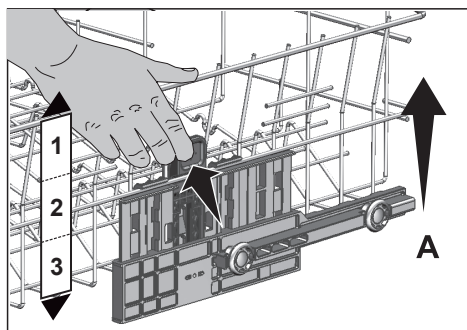
(depends on model)

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

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

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

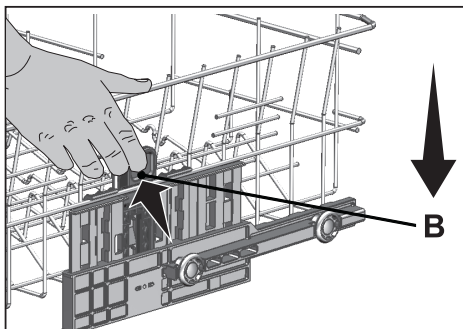
Repeat the process if the height is not sufficient.



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

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

Repeat the process if the height is not sufficient.



- i** The movement mechanism may not function properly if the upper basket is overloaded or if the weight distribution is not balanced. In heavier conditions, there is the risk of falling one level down.
- i** Make sure that the adjustment mechanism has the same positions on the right and left sides of the upper basket.

Adjusting the height of the upper basket

(depends on model)

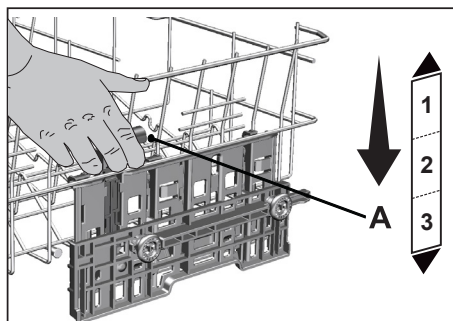
Upper basket height adjustment mechanism is designed so that you can create wide spaces on the upper or lower compartment of the machine by adjusting the basket upwards or downwards either while it is empty or full.

Thanks to this mechanism, you may use your basket in three different positions, namely lower, center or upper positions.

To lower the basket, perform the following while the basket is at uppermost position;

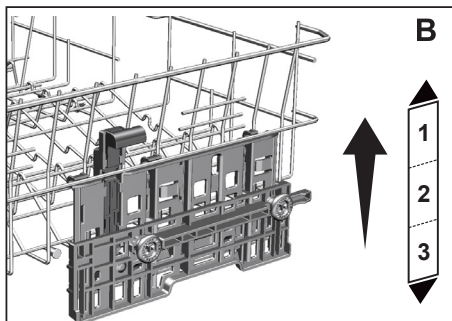
1. Hold the wires of the upper basket and raise the handle of the mechanism upwards as shown in the figure (A).
2. Lower the basket to the next lower position.
3. Release the basket when it catches on to the next lower position.

Repeat the same operation if the height is not adequate.



1. To raise the basket, hold the wires of the basket and pull the basket upwards with both hands while the basket is at the lowermost position (B)
2. Release the basket when it catches on to the next upper position with a "Click" that may be heard from the right and left mechanisms.

Repeat the same operation if the height is not adequate.



- i** The movement mechanism may not work properly when the upper basket is overloaded or when the load is unbalanced. And it may fall to the next lower position in heavier conditions.
- i** Ensure that the adjustment mechanisms on the right and left of the upper basket are aligned.

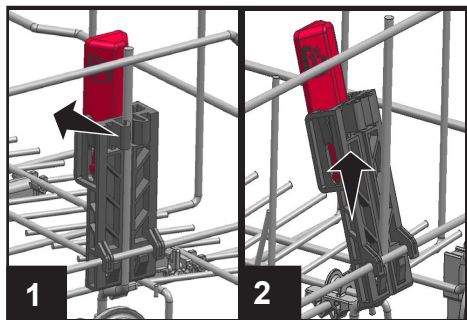
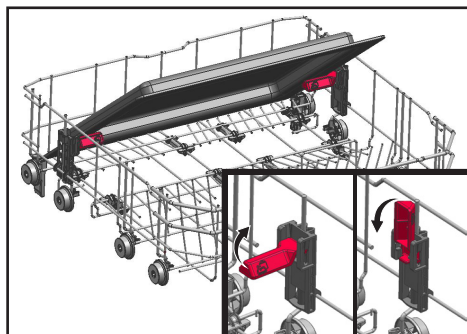
Tray Washing Support

(depends on model)

You may use the tray washing supports if you want to wash a tray on your lower basket.

Refer to the Additional Functions section to select the proper program and function.

You may fold this part when it is not used to facilitate the placement of your dishes.



You may also remove the part when required as shown in figures 1 and 2.

- i** The tray washing supports shall be removed as shown in figures 1 and 2 for performance inspection tests that shall be performed as per the standards.

Height setting with empty basket

(depends on model)

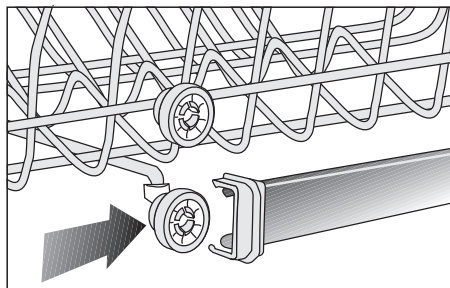
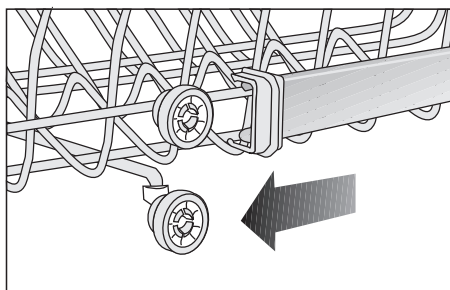
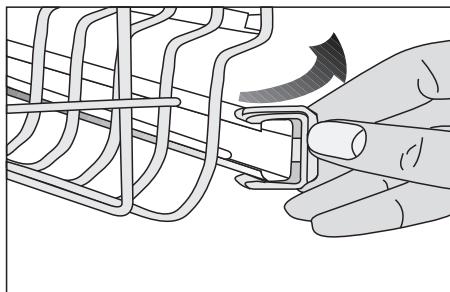
In this model, the height setting of the upper basket may be changed using the wheels which are mounted at two different heights.

Release the latches on both the right and left tracks of the upper basket by pushing them outwards.

Pull the basket out completely.

Place the basket back into the tracks at the desired height.

Push the latches back into the correct position.

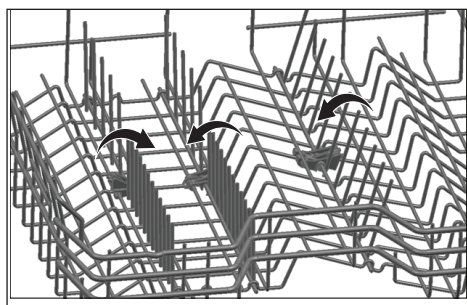


Collapsible upper basket wires

(depends on model)

You can use collapsible wires when you need a larger space for your dishes in the upper basket of your machine.

To bring the collapsible wires into horizontal position, grab the wire from the middle position and push them in the direction of arrow in the figure. Place your larger dishes into the area created. To bring the wires back to vertical position, just lift them up.

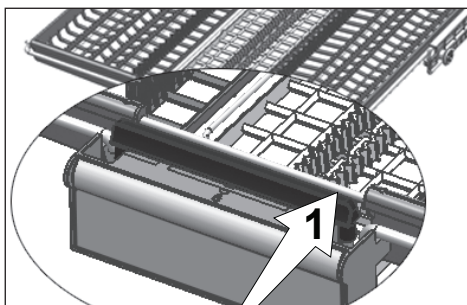
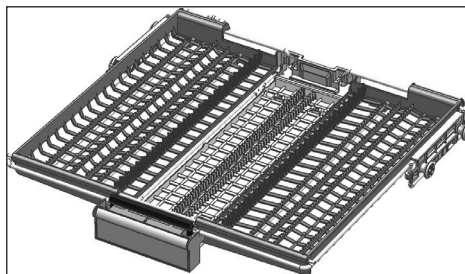


- i** Bringing the wires to the horizontal position by holding them from the tips may cause them to bend. Therefore, hold the wires from their stems while bringing them to the horizontal or vertical positions.

Ceiling cutlery basket

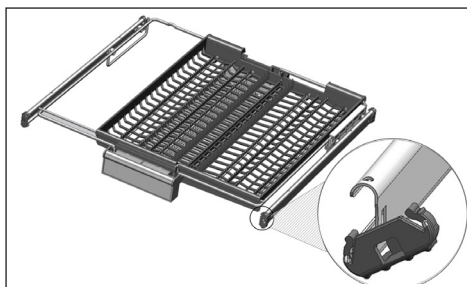
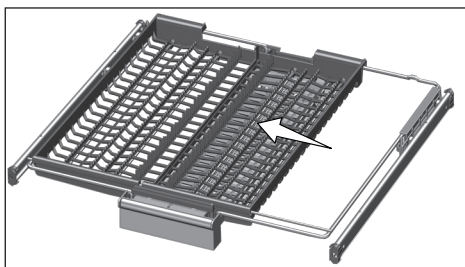
(depends on model)

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



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

The free space enabled by the side trays allows long parts to be loaded in the upper basket.

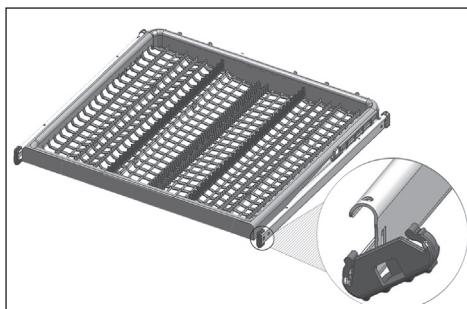


When the central tray is in the lower position, you can load long/high items such as coffee cups, ladles, etc. on the tray. When the side trays lean on two side walls, the handle can be pulled to allow the central tray to rise and the system to be locked.




Ceiling cutlery basket

(depends on model)

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



6-Operating the product

-  Read "Safety Instructions" section first!
-  Read "Quick Guide" before this section.
-  Do not touch the dishwasher with wet hands.

Power On/Off Button

Used for turning the dishwasher on or off. Press On/Off button for one second to turn it on. After one second the signal will be heard and the machine will turn on. Press On/Off button for one second to turn it off. After one second the signal will be heard and the machine will turn off. When a program is running, if the On/Off button is pressed for 3 seconds, 'Turning off 3' 'Turning off 2' 'Turning off 1' messages will be displayed on the screen info line and after 3 seconds the machine is turned off with a warning music. When turned on, the dishwasher is default set to economic program and economic program is displayed on the screen. The indicators on the screen will be removed in turning off state.

Start / Pause / Cancel Button

It is used to start, pause or cancel the selected program or the function.

Remote Control (HomeWhiz) Function Button

Remote Control function with the HomeWhiz application allows you to control your dishwasher through your smart device and receive information about the status of your dishwasher.



Preparing the Machine

1. Open the door of the dishwasher.
2. Place your dishes as specified in the user manual.
3. Ensure that the lower and upper rotors turn freely.

4. Put adequate amount of detergent in the detergent dispenser.
5. Observe the Salt and Rinse Aid Missing Warnings and add salt and/or rinse aid if required.
6. Close the door of the dishwasher.



Program Selection

1. Press ON/OFF button for 1 second to turn on the machine.
2. Check the program information and average consumption rates table and select the washing program appropriate for your dishes.
3. Select the desired program by using the right/left arrows on the screen. If the desired program is not on the main screen, go to "Washing Modes" screen. Press select button on "Washing Modes" screen to enter the program selection screen. Select the desired program by using the right/left arrows here.

-  The initial program is set as Eco program by factory default.
-  The Program order may be changed based on the selection in Initiation mode in Settings.

Additional functions

Washing programmes of the machine are designed to achieve the best cleaning performance by considering the soil level, the amount of dirt and the characteristics of the dishes to be washed in the machine. Additional functions have been added to help you save time, water and energy and to perform a more hygienic and comfortable washing, thanks to the customized features settings.

-  Additional functions may change the duration of the selected program.
-  Some auxiliary functions cannot be used together.

To add additional functions to the programme:

Use the HomeWhiz application to add additional functions to your programme.

Half Load function


(Depends on model)

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

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

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

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

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

Express Function

(Depends on model)

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

Perfect Rinse Function

(Depends on model)

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

Steam Shine Function

(Depends on model)


It provides superior drying performance.


Tablet detergent function

(depends on model)

Allows to obtain a better drying performance from the multi-purpose detergents called as all in one detergents such as 2in1, 3in1, 4in1, 5in1 and etc.,

depending on the hardness level of the tap water.

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

 Tablet Detergent function may cause change in the programme duration.

TurboWash Function

(Depends on model)

This function operates the lower impeller with a higher pressure and higher speed to enable a better washing for dishes such as pans and trays with stubborn, dried soiling.

TrayMaster Function

(depends on the model)

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

Programming the washing period

Snooze

If economic electric tariffs are utilized in your region, you can use the snooze function to wash your dishes at appropriate hours.


You can snooze the program start up to 24 hours. The snooze function cannot be used after the program starts.

1. After selecting the washing program and other extra functions, press the program period selected.
2. "0:00" will be shown on the Screen Info Line and Snooze period can be selected.
3. Each time you press the + and - buttons on the left and right side of the screen, the period can be adjusted in 30 minute increments up to 6 hours and then up to 24 hours with 1 hour increments.



4. After selecting the snooze period, complete the period selection by pressing the OK button on the middle of the screen after selecting the snooze period.
5. Start the snooze countdown by pressing Start / Pause / Cancel button. The countdown is shown on the Screen Info Line. After the countdown is over, the selected program will be initiated.

Changing setting when in snooze

Washing program, additional functions or snooze period cannot be changed when the snooze function is enabled.

-  After the program is initiated the program and auxiliary functions cannot be set/changed. If you do not want to use these functions in the newly selected program, press the Tablet Detergent button until the related function indicator is off.



To cancel the snooze function

1. Press the Start / Pause / Cancel button for 3 seconds.
 2. When the Start / Pause / Cancel button is pressed the Screen Info Line will display Cancel 3" , ' Cancel 2" , ' Cancel 1" ' After cancellation the snooze indicator will be off and the snooze function is cancelled.
-  After cancelling the snooze function you can select a new program and initiate it.
 -  The snooze function cannot be set after another function is initiated.

Initiating the program


After selecting the program and additional function programs, press Start / Pause / Cancel button to start the machine. When the program is initiated a warning music will be heard and Screen Info Line display the estimated completion time for

the program. The Start / Pause / Cancel indicator is lit.

-  Based on the hardness of the mains water, water softening shall be commenced in the machine. Due to this process, in some washing programs the time indicator towards the end of the program may be different from the period specified in the beginning. Furthermore based on the temperature which the machine is in, the temperature of the supply water and the amount of dishes, the washing period may change.
-  Do not open the machine door as it is operated. If you must open the door, stop the machine by pressing Start / Pause / Cancel button. Then open the door. Steam may come out as the door is opened, exercise caution. After closing the door press the Start / Pause / Cancel button. The washing program will resume.

Program stage monitoring

The running program stage can be monitored through the Screen Info line messages and the remaining time. As the selected program is run, the messages related to Washing, Rinsing and Drying steps, respectively.

-  To ensure that the water and the water softener on the dishes and in the machine to be removed completely, the machine will pause for a while silently and then it will resume operation in drying stage.

Cancel the program (program reset)

1. To cancel the program press Start / Pause / Cancel button for 3 seconds.
2. When the Start / Pause / Cancel button is pressed the Screen Info Line will

display Cancel 3" ', ' Cancel 2" ', ' Cancel 1" '

3. When the cancel process is initiated "Cancelling..." message is displayed on the Screen Info Line and when the process is completed, "Cancelled" message is displayed on the Screen Info Line. The machine will carry on required operations to cancel the program for a few minutes.

i After cancelling the program you can select a new program and initiate it.

i Based on the remaining steps of the cancelled program, there may be residue detergent or rinse aid on the machine and/or the washed parts.

Changing the auxiliary function

After initiating the program, you have to cancel the program in order to change the auxiliary functions. Then you can select and run the new program and functions.

Machine settings

To change the settings regarding "Water Hardness", "Sound Level", "Brightness", "Language" and other additional functions, you can use the "Settings menu".

To enter settings menu

1. Press ON/OFF button to turn on the machine.
2. To enter the settings menu, press the arrow buttons and then enter the Settings Menu screen.
3. When you go the Settings Menu screen, press the "Select" button and enter the Settings Menu
4. After entering "Settings Menu", press the arrow buttons on the screen to switch between the settings.
5. Enter the menu that you want to change the settings by pressing the

setting on the screen.

6. To exit the "Settings Menu" press Back button.

Water Hardness setting

You are required to set the water hardness level according to the hardness level of your water supply with one of the levels below.

1. No scaling - Very low scaling
2. Low scaling
3. Medium scaling
4. High Scaling
5. Very High Scaling

Filter Cleaning

(Depends on the Model)

When you activate this function, you micro filter will be cleaned with a special system at the end of washing process and will be ready to be used for the next cycle. The micro filter cleaning period may be extended from 2 weeks to 3 months with this cleaning process and it increases the washing performance. For efficient use of this function, it is recommended to be used at every washing cycle.

i This function contains two options as "On" and "Off". The factory default is set as "Off". When you want to use this function, change the "Off" setting to "On".

Interior Lighting

(Depends on the Model)

When this function is enabled, the interior lighting will be on each time you open the door of your machine. This function contains two options as "On" and "Off".

i The factory default is set as "Off".


Automatic Door Opening


(Depends on the Model)

When you activate this function, the door of your machine is opened automatically at the end of the washing cycle. This increases the

drying efficiency and energy is saved. It has two options as “On” and “Off”.

 The factory default is set as “On”.

 If Automatic Door Opening is enabled, the door of your dishwasher will be opened automatically in 2 minutes. The locking mechanism will not allow the door to be closed in the following one minute. Do not try to close the door during this period.

 After the door is opened automatically, do not empty your dishwasher for 30 minutes. In turn drying will be more efficient.

 Do not stand in front of the door as it is opened.

When the “Automatic Door Opening” function is off, it will be set as off for all programs.

If you want to reactivate, enter the “Settings Menu” and then set the “Automatic Door Opening” feature as “On”.

Volume Level setting

Select one of the levels for the volume level:

1. High
2. Low

Language setting

You can select the desired language from the settings menu.

Initiation Mode

You can change the initial program of your machine from the settings menu. You can select your machine to be initiated with Interact or any other program mode.

Detergent Type

Detergent type menu allows you to select different types of Detergents in the menu.

Child (Key) Lock

As the machine is running, you can prevent the program stages or snooze period from being altered.

Go to Automatic Child Lock menu from the settings menu. You can select the Automatic Child Lock as On or Off. When the Automatic Child Lock feature is on, the buttons will be locked automatically when the machine is run. When you press any button in this state, the Child Lock is on warning will be displayed. As this warning is displayed, you can press Turn Off Lock button and you can enter Turn Off Child Lock screen. You can select Yes option in Turn Off Child Lock screen and turn off the Child Lock.

Warning Messages

The machine will provide you some valuable feedback during its operation.

Salt missing warning display

In order to determine whether the water softening salt is at an adequate level in the machine, check the salt missing warning display on your machine. When salt missing warning is displayed on the screen, you are required to top up the salt. If you are not using any salt, you can select “No Salt used” option on the warning screen. If you are using salt, you can select “Will Be Added” option.

Rinse Aid missing warning display

To determine whether the rinse aid level in your machine is sufficient, check the rinse aid missing warning indicator on the screen. When No Rinse Aid warning is displayed on the screen, you need to fill the rinse aid dispenser of your machine. If you are not using any rinse aid, you can select “No Rinse Aid used” option on the warning screen. If you are using rinse aid, you can select “Will Be Added” option.

- i** After passing the salt and rinse aid warning screens, the warning screens will not be displayed. If “Not Used” option is selected, the warning will not be displayed until salt and/or rinse aid is filled and subsequently depleted.

Setting the Rinse Aid Amount

1. Press ON/OFF button to turn on the machine.
2. To enter the settings menu, press the arrow buttons and then enter the Settings Menu screen.
3. When you go the Settings Menu screen, press the “Select” button and enter the Settings Menu
4. Press the up and down arrow buttons in the Settings menu until you see the “Rinse Aid” menu on the screen.
5. Press “Rinse Aid” button where you see the “Rinse Aid” menu.
6. In the rinse aid button press + and - buttons to set the rinse aid at an appropriate level. Apply the setting by pressing selection button.
7. Go back to the Settings Menu by pressing Back button.

When Rinse Aid is at 0, no rinse aid will be added to the washing program.

When Rinse Aid is at 1, one dose of rinse aid will be added to the washing program.

When Rinse Aid is at 2, two doses of rinse aid will be added to the washing program.

When Rinse Aid is at 3, three doses of rinse aid will be added to the washing program.

When Rinse Aid is at 4, four doses of rinse aid will be added to the washing program.

Water Outage Warning indicator

When the machine is not supplied with water, the Screen Info Line will display “No Water!” warning. When the water is supplied, the warning will not be displayed.

- !** When Water Outage Warning indicator is lit, ensure that there is no water outage and the water taps are not closed. If water is running and the tap is opened, contact Authorized Service.

Water Overflow Warning

If you see this warning on the Screen Info Line, please contact Authorized Service. Your machine may let in more water than required due to various reasons.

Program end

When the program ends, “Program End” message is displayed on the Screen Info Line.

1. Press ON/OFF button to turn off the machine.
2. Close the water tap.
3. Unplug the appliance from the outlet.

- i** For energy saving, your machine will be automatically shut down after a while following program end or a program is not initiated.

- i** After washing the dishes, leave them to cool down for 15 minutes in the machine. If you leave the machine door ajar during this period, your dishes will dry faster. This will increase the drying efficiency of the machine.

SelfCare

(depends on model)

This programme is recommended to be operated on each 1-2 months for machine cleaning and necessary hygiene. The programme should be operated while the machine is empty.

In order to achieve an efficient result, it is recommended to use together with special machine cleaning agents.

- i** Do not use this programme to clean dishes. As it operates in high temperatures, it is harmful for the dishes.

7-Maintenance and cleaning

- ⚠ Read "Safety Instructions" section first!
- ⚠ Unplug the product and turn off the tap before attempting any cleaning procedures.
- i Do not use abrasive substances for cleaning.
- i Clean the filter and impellers at least once a week in order for the machine to operate efficiently.

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

Cleaning the outer surface of the product

NOTICE 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.

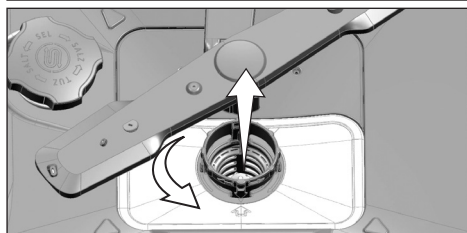
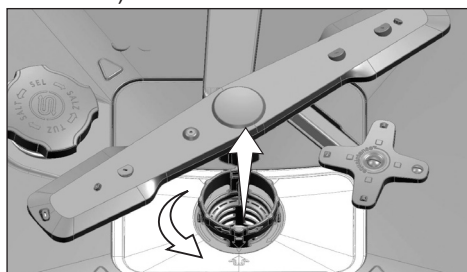
Cleaning the interior of the machine

- Clean the interior of the machine by operating the machine in the programme running at the highest possible temperature with detergent or special machine cleaning agents monthly. This operation will help removal of leftovers and limescale from the interior of the machine.
- If water has remained in the machine, drain the water by performing the procedures under the topic "Cancelling a programme". If the water cannot be discharged, remove the filters as specified in the "Cleaning the filters" section and check if there are any leftover deposits that have accumulated at the bottom of the machine, blocking the water path. Clean if necessary.

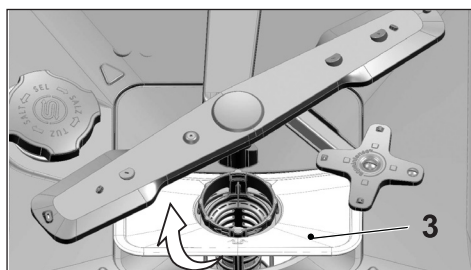
Cleaning the filters

Clean the filters at least once 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.

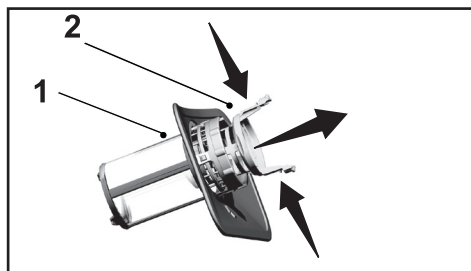
1. Turn the micro filter (1) and coarse filter (2) assembly counter clockwise and pull it out from its seating.(depends on model)



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



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



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

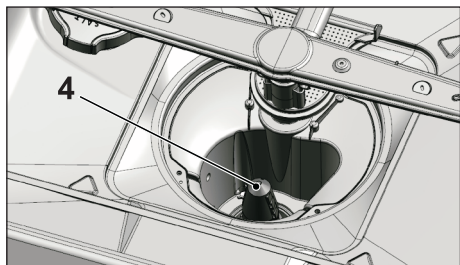
i Do not use the dishwasher without filter.

i Incorrect placement of the filters will reduce washing efficiency.

Micro Filter Cleaning Mechanism (depends on model)

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

i If your machine has auto filter cleaning feature do not remove the micro filter cleaning mechanism (4) for cleaning.

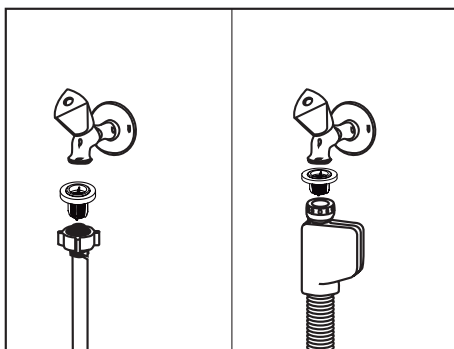


Cleaning the hose filter

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

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

(depends on model)

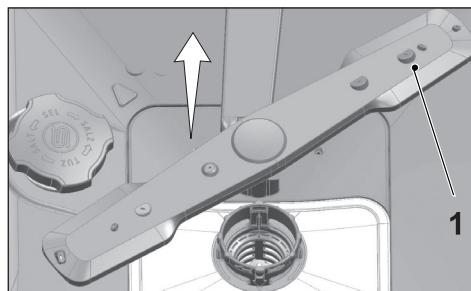


Cleaning the impellers

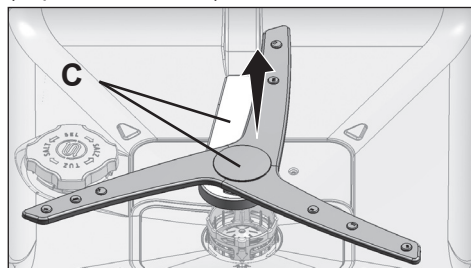
Clean the impellers at least once a week in order for the machine operates efficiently.

Lower impeller

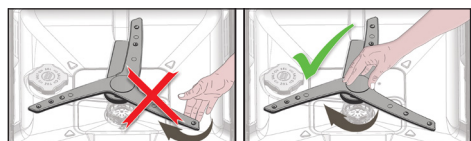
Check if the holes on the lower impeller (1) are clogged. If they are clogged, remove and clean the impeller. You can pull the lower impeller up to remove it. (depends on model)



Check if the holes on the lower impeller assembly are clogged. If they are clogged, remove and clean the impeller assembly. (depends on model)



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

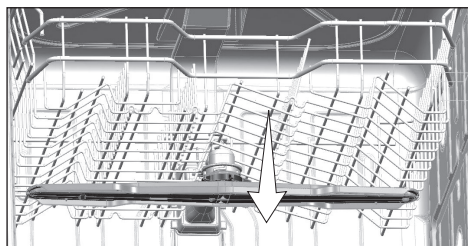
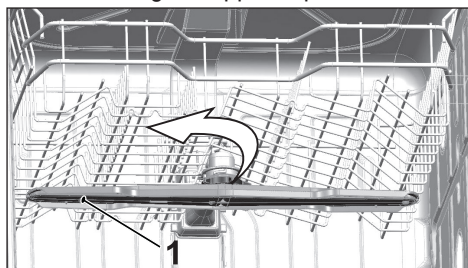


i Do not try to rotate the impeller by holding its ends. Trying to rotate the end sections may cause the gear system within the impeller to break.

Upper impeller

Check if the holes on the upper impeller (1) are clogged. If they are clogged, remove and clean the impeller. Turn its nut to left to remove the upper impeller.

Make sure that the nut is tightened well when installing the upper impeller.



8-Troubleshooting

Machine does not start.

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

Dishes are not washed clean

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

Dishes are not dry at the end of cycle

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

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


Tea, coffee or lipstick stains remain on dishes.

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

Lime traces remain on dishes and glassware gains a misty appearance

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

There is a different odour in the machine

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

Rust, discoloration or surface deterioration occurs on dishes

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

Detergent remains in detergent dispenser.

- Detergent dispenser was damp when adding detergent. >>> Make sure that the detergent dispenser is dried well prior to filling it with detergent.
- Detergent is added long before the washing process. >>> Pay attention to add detergent shortly before start-up of the washing.

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

Decorations and ornaments on kitchen utensils are being erased.

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

Dishes are scratched.

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

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

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


Foam forms in the machine.

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

9-GUARANTEE

GRUNDIG UK AND IRELAND STANDARD MANUFACTURER GUARANTEE TERMS AND CONDITIONS

Your new Grundig product is guaranteed against faulty materials, defective components or manufacturing defects.

The standard guarantee starts from the date of original purchase of the product, and lasts for a period of twenty four (24) months unless Beko plc (the “Manufacturer”) agrees to extend the guarantee for the product in writing.

If you have purchased a Built-In/integrated product, the standard guarantee starts from the date of original purchase of the product, and lasts for a period of thirty six (36) months unless Beko plc (the “Manufacturer”) agrees to extend the guarantee for the product in writing.

If you have registered Built-In/integrated product within 90 days of purchase by completing the online registration form, then the standard 36-month guarantee will be extended to 60 months, under the same terms and conditions as detailed below.

If you have any questions about the guarantee on your product (including how long it is valid), please contact your retailer or our contact centre on 0333 207 9920 (UK and Northern Ireland) or 01 691 0203 (Republic of Ireland)

This guarantee does not in any way diminish or affect your statutory rights in connection with the product. This guarantee is in addition to your statutory rights as a consumer. If you have any questions about these rights, please contact the retailer from which you purchased the product. In certain circumstances, it is possible that your statutory rights may offer additional or higher levels of protection than those offered under the terms of this guarantee.

What is covered by this guarantee?

- Repairs to the product required as a result of faulty materials, defective components or manufacturing defects.
- Functional replacement parts to repair a product.
- The costs of a Grundig Approved Engineer to carry out the repair.

What is not covered?

- Transit and delivery damage.
 - Cabinet or appearance parts, including but not limited to control knobs, flaps and handles.
 - Accessories and/or consumable items including but not limited to ice trays, scrapers, cutlery baskets, filters and light bulbs.
 - Repairs necessary as a direct or indirect result of:
 - Accidental damage, misuse or abuse of a product.
- An attempted repair of a product by anyone other than a Grundig Approved Engineer (the “Engineer”).
- Installation or use of a product where such installation or use fails to meet the requirements contained in this guarantee or the User Instructions Booklet.

- Repairs to a product operated at any time on commercial or non-residential household premises (unless we have previously agreed to the installation environment). This guarantee is limited to the cost of repairing the product. To the extent permitted by law, the Manufacturer does not accept and will not be held liable for any financial loss incurred in connection with the failure of any product to operate in accordance with the expected standards. Such financial loss includes but is not limited to loss arising from:

- Time taken off work.
- Damaged food, clothing or other items.
- Meals taken at restaurants or from takeaways.
- General compensation for inconvenience.

Important Notes

1. Your product is designed and built for domestic household use only.
2. The guarantee will automatically be void if the product is installed or is used in commercial or non-residential domestic household premises, unless we have previously agreed to the installation environment.
3. The product must be correctly installed, located and operated in accordance with the instructions contained in the User Instructions Booklet provided with your product.
4. Professional installation by a qualified Electrical Domestic Appliance Installer is recommended for all Washing Machines, Dishwashers and Electric Cookers (as incorrect installation may result in you having to pay for the cost of repairing the product).
5. Gas Cookers must be professionally installed by a Gas Safe (or Gas Networks Ireland for Republic of Ireland) registered gas installer.
6. This guarantee is given in respect of products purchased and used within the United Kingdom and the Republic of Ireland.
7. This guarantee is effective from the initial date of purchase of a new product from an authorised retailer and will be void if the product is resold.
8. This guarantee does not apply to graded sales (where the product is purchased as a "second").
9. Possession of a copy of these terms and conditions does not necessarily mean that a product has the benefit of this guarantee. If you have any questions, please call our Call Centre on the number set out above.
10. The Manufacturer reserves the right to terminate the guarantee if its staff or representatives are subjected to physical or verbal abuse in the course of carrying out their duties.
11. Optional extras, where available (i.e. extendable feet) are supplied on a chargeable basis only.

Does Grundig offer replacements?

This is a repair-only guarantee. On occasion, the Manufacturer may at its sole discretion, replace your product with a new product instead of carrying out a repair. Where a replacement is offered, this would normally be an identical model but when this is not possible, a model of similar specification will be provided. The Manufacturer will cover the costs and arrange for the delivery of the new product and for the return of the old product. Any costs related to disconnecting the faulty product and installing the replacement product will not be borne by the Manufacturer unless previously agreed to in writing. The original guarantee will continue to apply to the replacement product; the new product will not come with a new guarantee.

When will the repair take place?

Our Engineers work Monday to Friday 9.00am to 5.00pm. Appointments outside these hours may be possible at the sole discretion of the Manufacturer but cannot be guaranteed. Whilst our Engineers will endeavour to minimize inconvenience and to meet requests for specific timed appointments, this cannot be guaranteed. We will not be liable for delays or if it is unable to carry out a repair because a convenient appointment cannot be arranged.

Will there be any charge for the repairs?

It is your responsibility to provide evidence to the Engineer that your product is covered by this guarantee with a proof of purchase. The Manufacturer reserves the right to charge for the reasonable cost of any service call if:

- You cannot provide evidence that your product is covered by this guarantee.
- Where a service call has been made and the engineer finds that there is no fault with your product.
- That your product has not been installed or operated in accordance with the User Instructions Booklet.
- That the fault was caused by something other than faulty materials, defective components or manufacturing defects.
- For missed appointments.

Payment of these costs are due immediately upon the Engineer providing you with an invoice. The Manufacturer reserves the right to terminate the guarantee if you fail to pay the costs for the service call in a timely manner.

If you are a resident of the United Kingdom, this guarantee will be governed by English law and subject to the English Courts, save where you live in another part of the United Kingdom, in which case the law and courts of that location will apply.

If you are resident in the Republic of Ireland, this guarantee will be governed by Irish law and the Irish courts will have jurisdiction.

This guarantee is provided by Beko plc. Beko House, 1 Greenhill Crescent, Watford, Hertfordshire. WD18 8QU.

Beko plc is registered in England and Wales with company registration number 02415578.

HOW TO OBTAIN SERVICE FOR YOUR APPLIANCE

Please keep your purchase receipt or other proof of purchase details in a safe place; you will need to have this documentation available should the product require attention under guarantee.

Please take a few moments to complete the details below, as you will need this information when you call us, or to use our online services. When you call us you may be required to input your serial number into your telephone keypad. For help please visit grundig.co.uk/support/model-finder

- The product model number is printed on the Operating Instruction Booklet / User guide
- The product model and serial number is printed on the Rating Label affixed to the appliance.
- The Retailer (Purchased from) and Date of purchase will be printed on your purchase receipt or other proof of purchase paperwork

Recording of these details alone will not count as proof of purchase. A valid proof of purchase is required for requesting service under guarantee.

Model number Serial number Purchased from Date of purchase

For service under guarantee or for product advice please call our Contact centre

Before requesting service please check the troubleshooting guide in the Operating Instructions booklet, as a charge may be levied where no fault is found, and even though your product may still be under guarantee.

After arranging service the area around the product must be easily accessible to the Engineer, without the need for cabinets or furniture to be removed or moved.

It is your responsibility to ensure our Engineers have a clean and safe environment to carry out any repairs.

Please have your Model number and Serial number available when you call us, as you may be required to input your serial number into your telephone keypad during your call.

UK Mainland & Northern Ireland: 0333 207 9920

Landline or mobile calls to 0333 numbers cost no more than calls to geographic numbers 01 or 02, and are charged at the basic rate. Calls from landlines and mobiles are included in free call packages but please check with your telephone service provider for exact call charges.

Republic of Ireland: 01 691 0203

Service once the manufacturers guarantee has expired

If you have purchased an extended guarantee please refer to the instructions contained within the extended guarantee agreement document, otherwise please call us using the appropriate number above, where service can be obtained at a charge.

Should you experience any difficulty in obtaining service please call us on 0333 207 9920 or 01 691 0203

Contact us though our website

Send us a secure message through our online contact us form. Please visit our website, click Contact Us and choose a product support topic from the list of options. Complete the required details and click send message.

Product registrations

For UK registrations please visit registermygrundig.co.uk and for the Republic of Ireland please call 01 514 3552†.

† Calls cost up to 9 cents a minute (plus call set up fee of 29 cents).