



DISHWASHER

USER INSTRUCTIONS

GNF 51030 W

ENG

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FOR A GOOD REASON

GRUNDIG

DISHWASHER

USER INSTRUCTIONS

GNF 51030 W



Please read this user manual first!

Dear Customer,

Thank you for preferring a 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 carefully before using the product and keep it as a reference for future use. If you handover the product to someone else, give the user manual as well. Follow all warnings and information in the user manual.

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

Explanation of symbols

Throughout this User Manual the following symbols are used:

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

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

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

General safety

- Never place the product on a carpet-covered floor; otherwise, lack of airflow beneath the product will cause electrical parts to overheat. This will cause problems with your product.
- Do not operate the product if the power cable / plug is damaged! Call the Authorised Service Agent.
- Connect the product to a grounded outlet protected by a fuse complying with the values in the "Technical specifications" table. Do not neglect to have the grounding installation made by a qualified electrician. 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.
- The water supply and draining hoses must be securely fastened and remain undamaged.
- Unplug the product when not in use.
- Never wash the product by spreading or pouring water onto it! There is the risk of electric shock!
- Never touch the plug with wet hands! Never unplug by pulling on the cable, always pull out by grabbing the plug.
- The product must be unplugged during installation, maintenance, cleaning and repairing procedures.
- Always have the repair procedures carried out by the Authorised Service Agent. Manufacturer shall not be held liable for damages that may arise from procedures carried out by unauthorised persons.
- Never use chemical solvents in the product. They bring forth the risk of explosion.
- When you pull the upper and lower baskets out completely, the door of the product will bear all the weight of the baskets. Do not put other loads on the door; otherwise, the product may tilt.
- Never leave the door of the product open apart from loading and unloading procedures.
- Do not to open the door of the product when it is running unless necessary. Be careful for the rush of hot steam when you need to open the door.

Intended use

- This product has been designed for domestic use.
- It must be used to do the domestic type dishes only.
- This appliance is intended to be used in household and similar applications such as:

- Staff kitchen areas in shops, offices and other working environments.

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

Children's safety

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

Disposing of packaging material

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

Packaging materials of the product are manufactured from recyclable materials. Dispose of them properly and sort in accordance with recycled waste instructions. Do not dispose of them with normal domestic waste.

Transportation of the product



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

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

Compliance with WEEE Directive and Disposing of the Waste Product



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

Compliance with RoHS Directive

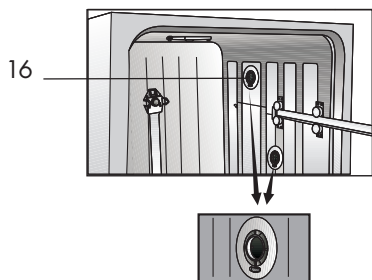
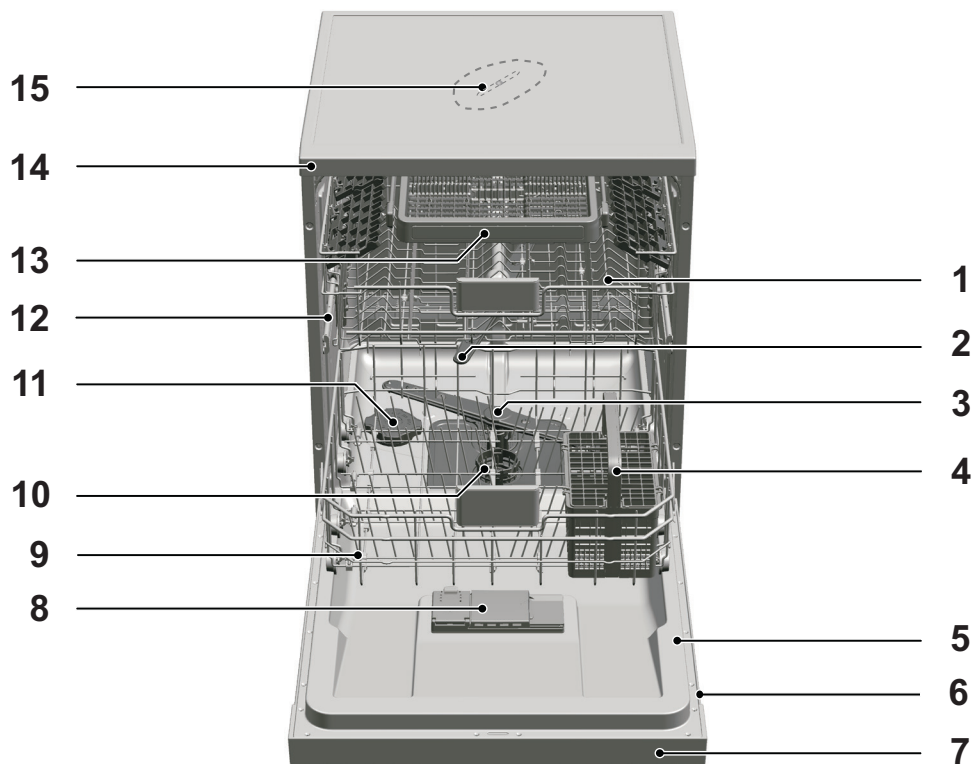
The product you have purchased complies with EU RoHS Directive (2011/65/EU). It does not contain harmful and prohibited materials specified in the Directive.

Package information

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

2 DISHWASHER

Overview



1. Upper basket
2. Upper impeller
3. Lower impeller
4. Silverware basket
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
14. Tabletop (depends on model)
15. Ceiling impeller
16. Fan drying system (depends on model)

Technical specifications



Compliance to standards and test data / EC declaration of conformity

This product complies with the following EU directives;
Development, production and sales stages of this product comply with the safety rules included in all pertaining European Community regulations.

2014/35/EU, 2014/30/EU, 93/68/EC, IEC 60436/DIN 44990, EN 50242

Power input	220-240 V, 50 Hz (see rating label)
Total power consumption	1800-2100 W (see rating label)
Heater power consumption	1800 W (see rating label)
Total current (depends on the model)	10 A (see rating label)
Drain pump power consumption	30 W (see rating label)
Water pressure	0.3 - 10 bar (= 3 - 100 N/cm ² = 0.01-1.0 Mpa)



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



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



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

Fan drying system

Fan drying system ensures efficient drying of your dishes.

It is normal to hear a different sound than that of washing cycle during fan operation.

Note for test institutions:

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

dishwasher@standardloading.com

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

3 INSTALLATION

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



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



Manufacturer shall not be held responsible for damages arising from processes carried out by unauthorised persons.



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



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

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

Appropriate installation location

- Place the product on a solid and flat floor that has sufficient load carrying capacity! The product must be installed on a flat surface in order for the door to be closed comfortably and securely.
- Do not install the product at places where temperature may fall below 0°C.

- Place the product on a rigid floor. Do not place it on a long pile rug or similar surfaces.



Ensure the power cable does not get trapped under the product.

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

Connecting water supply

- Do not use old or used water inlet hose on the new product. Use the new water inlet hose supplied with the product.
- Connect the water inlet hose directly to the cold water tap. Permitted water temperature up to 25°C. Pressure coming from the tap should be minimum 0.3 and maximum 10 bars. If the water pressure exceeds 10 bars, a pressure relief valve should be installed in between.
- Open the tap completely after making the connections to check for water leaks.



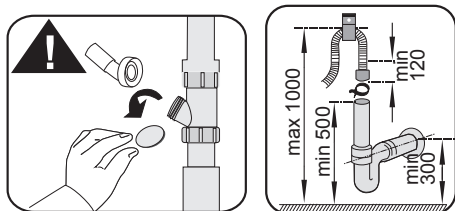
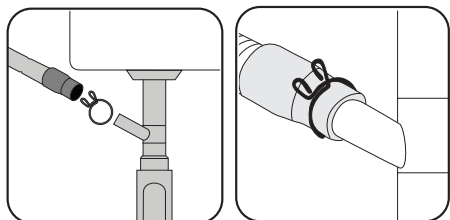
For your safety, close the water inlet tap completely after the washing programme is over.

Connection to the drain

Water discharge hose can directly be connected to the drain hole or sink's drainage. The length of this connection must be min. 50 cm and max. 100 cm from the floor. A discharge hose longer than 4 meters will cause washing performance to be affected. Attach the water discharge hose

Installation

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



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

Adjusting the feet

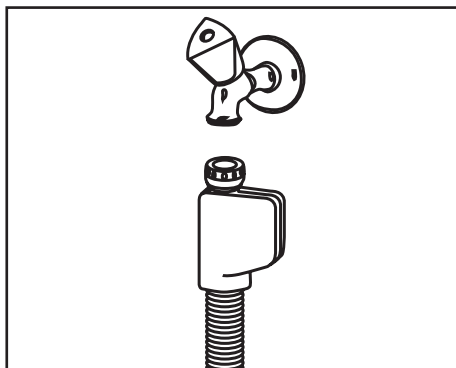
If the door of the product cannot be closed properly or if the product wobbles when you push it slightly, then you need to adjust the feet of the product. Adjust the feet of the product as illustrated in the relevant section.

WaterProtect+

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. If the WaterProtect+ system is damaged, unplug the product and call the Authorised Service Agent.



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



Electrical connection

Before you insert the plug into the wall socket make sure that the voltage and the frequency shown in the rating label corresponds to your electricity supply.

We recommend that this appliance be connected to the mains supply via a suitable switched and fused socket in a readily accessible position.

If the supply cord or the mains lead is damaged please do not replace it yourself. The supply cord or the mains lead must be replaced by a Authorised Service Agent or a similarly qualified person.



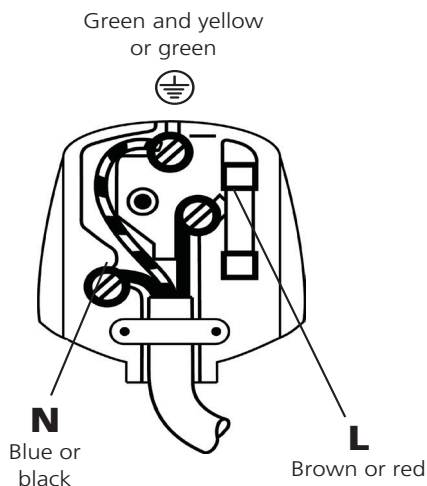
This appliance must be earthed

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.

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.

Initial use

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


- Before using the product, fill the salt reservoir with 1 litre of water, add salt (see next page) and stir to dissolve. Run the Dishwasher without dishes on a short programme with a small amount of detergent.



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

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

4 PREPARATION

Tips for energy saving

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

Wipe away any coarse food remnants on the dishes before putting them in the product. Operate the product after filling it completely.

When selecting a programme, consider the table of "Programme data and average consumption values".

Do not put more detergent than suggested on the detergent package.

Water softening system



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

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

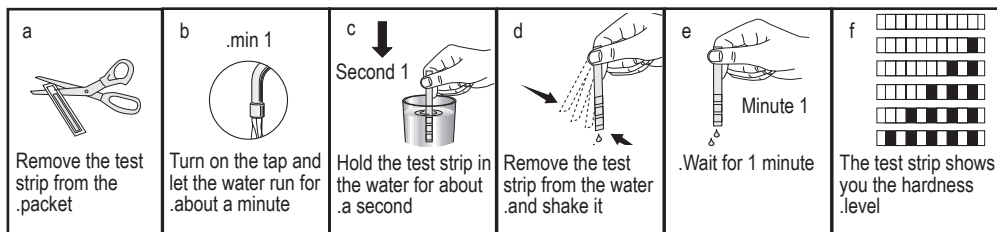
Adjusting the water softening system

Cleaning, rinsing and drying performance of your dishwasher will increase when water softening system is adjusted properly.

Adjust the new water hardness level according to the Water hardness level instruction in this booklet.

Use the test strip supplied with the product according to the steps given below to determine hardness level of your supply water.

Preparation



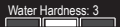




After determining hardness level of the supply water:



1. Press On/Off key to turn on the machine.
2. Enter the Settings Menu by pressing the Function button d for 3 seconds.
3. By using function button b, adjust water hardness level according to the hardness of the supply water.
See "Water hardness level adjustment table" for correct setting.
4. Exit the Settings Menu by pressing the function button d for 3 seconds.

Water Hardness Level Adjustment Table

Hardness Level	English Water Hardness °dE	German Water Hardness °dH	French Water Hardness °dF	Water Hardness Level Indicator
0th Level □□□□□□□□	0-5	0-4	0-8	Press the function button b to set the water hardness level to position 1 
1st Level □□□□■□□□	6-9	5-7	9-13	
2nd Level □□□□■□□□	10-15	8-12	14-22	Press the function button b to set the water hardness level to position 2 
3rd Level □□□□■□□□	16-19	13-15	23-27	Press the function button b to set the water hardness level to position 3 
4th Level □□□□■□□□	20-24	16-19	28-34	Press the function button b to set the water hardness level to position 4 
5th Level □□□□■□□□	25-62	20-50	35-90	Press the function button b to set the water hardness level to position 5 

If the hardness level of the supply water is above 90 °dF or if you are using well water, then it is recommended to use water purification devices and special filters.

Since your machine is equipped with an Automatic Water Hardness Detection System, appropriate salt should be put in the dishwasher when "Salt indicator" illuminates.

If salt is not put in the machine, the Automatic Water Hardness Detection System will not work properly.



If your machine is equipped with "Automatic Water Hardness Detection System", water hardness adjustment will be made by the service/user as standard during first installation. If you move your house, your machine will automatically perform water hardness level adjustment according to the water hardness in the new place you have moved in.

Adding salt

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



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

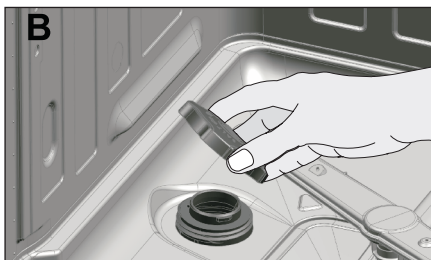
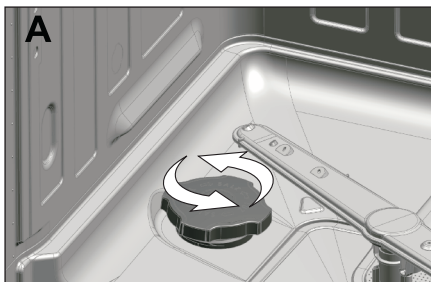


We recommend using granular or powder softening salts. Do not use salts that are insoluble in water such as table salt or common salt. Performance of water softening system may get worse in time.



Salt reservoir will fill with water when you start the product. Therefore, add the softening salt before starting the machine.

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



Salt reservoir will fill with water when you start the product. Therefore, add the softening salt before starting the machine.



Before initial use, fill the water softening system with 1 litre of water (C).



3. Fill the salt reservoir with salt by using salt funnel (D). To speed up dissolution rate of salt in water, stir it with a spoon.



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

4. Replace the lid and tighten it securely when the reservoir is full.
5. If you will not start a washing programme immediately after adding the salt, run the machine empty in the shortest programme to dissolve and wash away the scattered salt in the machine.



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 and tablet detergents in the machine.



Only use in the detergents produced particularly for use with dishwashers. Never use washing up liquids. We recommend you not to use detergents that contain chlorine and phosphate as they are harmful for the environment.

Adding detergent



You can find the correct amount of detergent for the selected programme in the table of "Programme data and average consumption values".



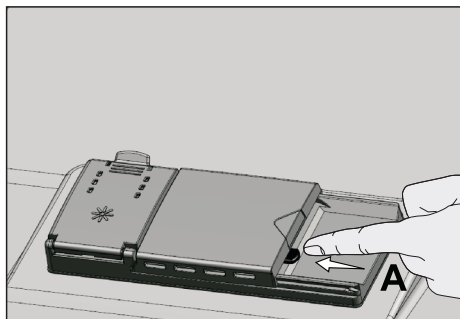
In order to have good washing and drying results, always follow the instructions on the detergent packaging. If you have further questions, we recommend to contact with the producer of the detergent.



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

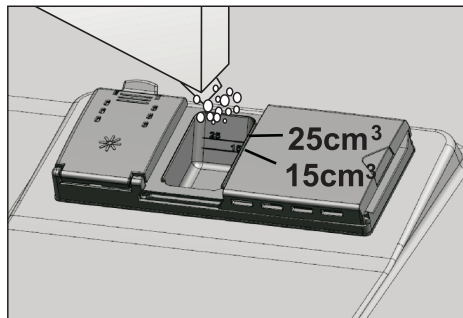
Put the detergent into the detergent dispenser just before operating the machine as illustrated below.

1. Press the latch in the direction of arrow to open the detergent dispenser lid (A).



Preparation

- Put suggested amount of powder, liquid/gel or tablet detergent in the dispenser.

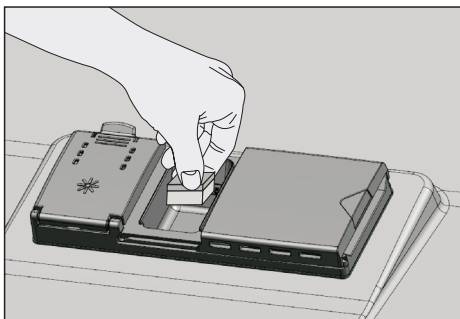


Inside the detergent dispenser there are level markings that help you use appropriate amount of powder detergent. When brimful, detergent dispenser will contain 40 cm³ of detergent. Fill detergent up to 15 cm³ or 25 cm³ level marks in the detergent dispenser according to fullness of the machine and/or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

- Close the detergent dispenser lid by pressing on it lightly. A "click" will be heard when the lid is closed.



In programmes with pre-washing and high temperature, in which you may use tablet detergents, make sure that the detergent dispenser lid is closed firmly.



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



Excessive usage of powder detergents will cause the detergent not dissolve completely and will also cause scratches on the glassware.

Combined tablet detergents

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



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

Combined tablet detergents are available as 3in1, 5in1, Allin1 etc. They function only up to a specific degree of water hardness. Above this limit regeneration salt and rinse aid must be added. Refer to the instructions on the packaging of the combined detergent whether it is suitable for the hardness level of the water supply.



While using combined tablet detergents, contact with the detergent producers if your dishes are wet and/or if you notice limescale spots particularly on your glasses after the washing programme is over.

Preparation

When you switch to powder, liquid/ gel or tablet detergent from a combined 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.



Depending on the model, salt indicator and/or rinse aid indicator should be enabled again if they are disabled before.

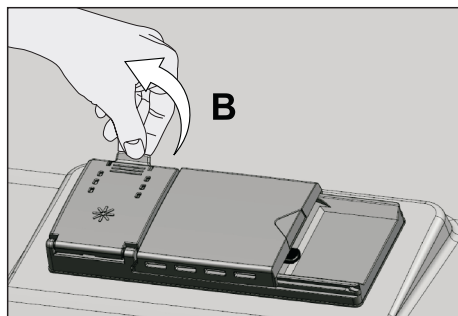
Rinse aid



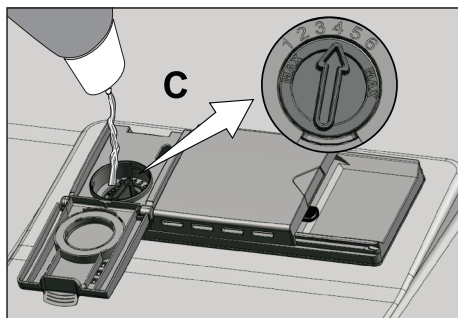
The rinse aid used in dishwashers is a special combination that aims to increase drying efficiency and prevent water or lime stains on the washed items. For this reason, care must be paid to have rinse aid in the rinse aid reservoir and to use rinse aids produced specially for dishwashers only.

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

1. Open the lid of the rinse aid reservoir by pulling the latch in the direction of the arrow (B).



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



4. Close the lid of the reservoir by pressing on it lightly.



After making sure that the lid is closed, 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 iron alloy items in the dishwasher. It can get corroded or leave stains on other items.
- Do not wash silverware and cutlery with wooden or bone stems, glued pieces, or pieces that are not resistant to heat, as well as copper and tin-plated containers in the dishwasher.



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

and smaller, delicate and light items in the upper basket.

- Place the hollowed dishes such as bowls, glasses and pans upside down in the dishwasher. Thus, accumulation of water in deep hollows is prevented.



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

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

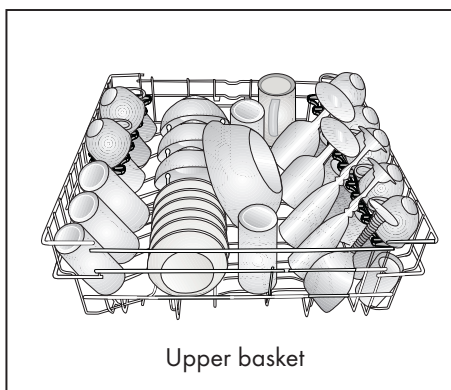
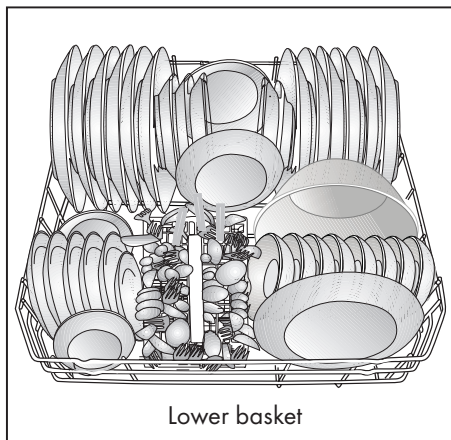
Placing the dishes into the dishwasher

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

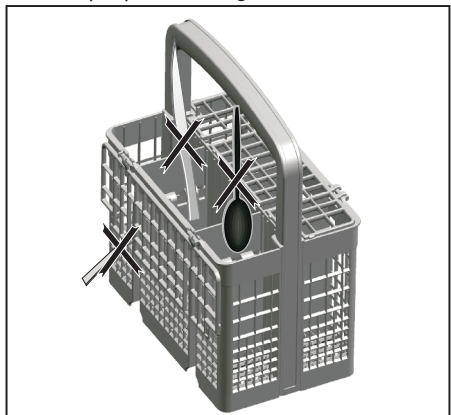
- Wipe away any coarse food remnants (bones, seeds, etc.) on the dishes before placing them in the dishwasher.
- Place thin, narrow pieces in the middle sections of baskets if possible.
- There are two separate baskets in which you can place your dishes in the dishwasher. Place the heavily soiled and bigger items in the lower basket

Preparation

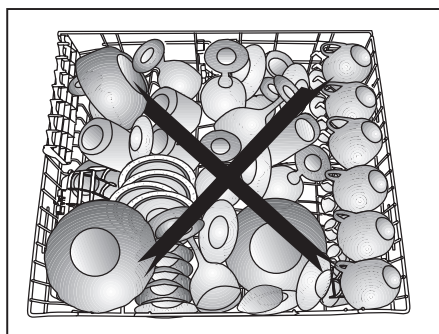
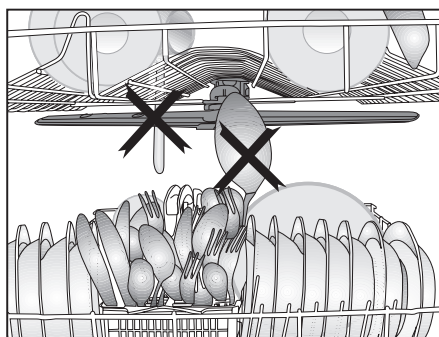
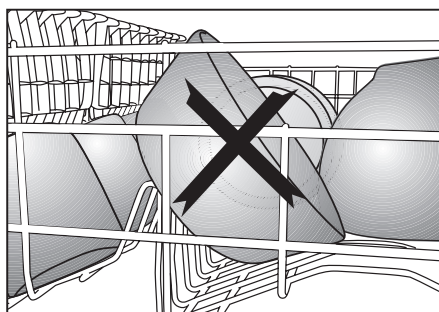
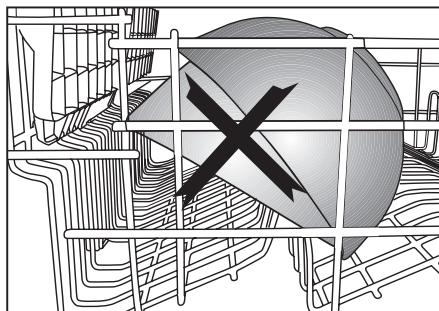
Suggestions for loading the dishwasher



Improper Loading Of Dishware



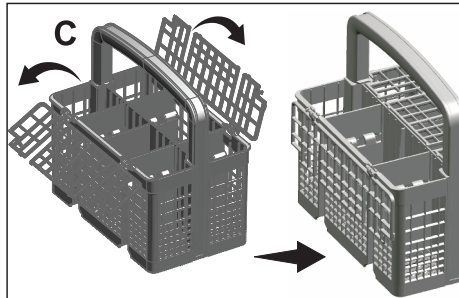
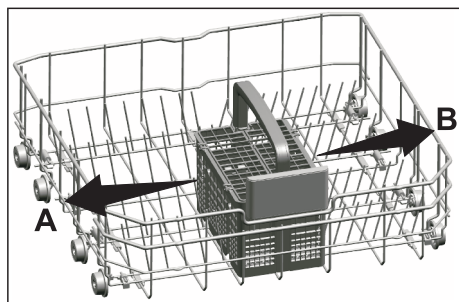
Improper Loading Of Dishware



Cutlery basket

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.



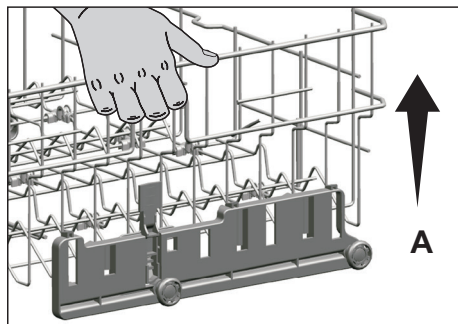
Adjusting the height of the upper basket

Basket adjustment mechanism on the loaded upper basket of the machine is designed to allow you create taller areas in the upper or lower section of the machine based on your requirements by adjusting the height of the loaded basket in up or down directions.

To raise the basket:

Grab one of the upper basket wires (right or left) and lift it up (A).

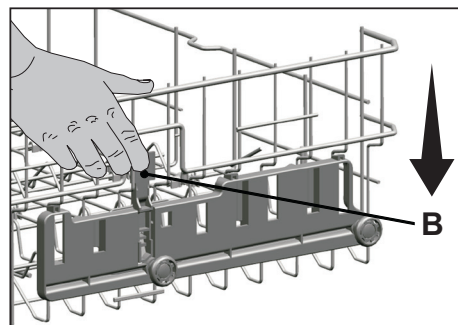
Repeat the same process to raise the other side of the basket.



Make sure that both sides of the loaded basket height adjustment mechanism are at the same level (down or up).

To lower the basket:

Press the latch on the loaded basket adjustment mechanism (right and left) to lower the basket (B).

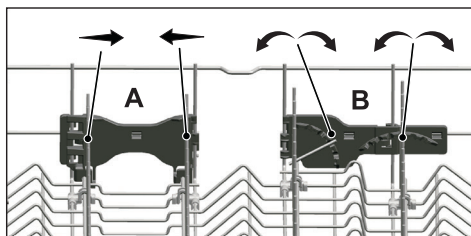
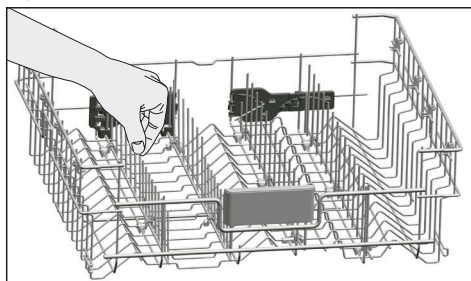


Repeat the same process to lower the other side of the basket.

Make sure that both sides of the loaded basket height adjustment mechanism are at the same level (down or up).

Collapsible upper basket tines

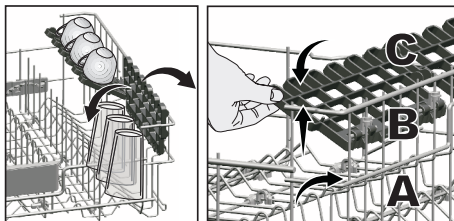
There are foldable tines on the upper basket of the machine that you can lay down when you need larger space for big dishes. On your upper basket there are two types of laying tines namely, fully laid system (A) and gradually laid system (B). To bring the foldable tines into horizontal position, push the tines in the direction of the arrow by holding from the middle. Place your larger dishes into the area created. To bring the tines back to vertical position, just lift them up. Foldable tines will then snap in the latch again.



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

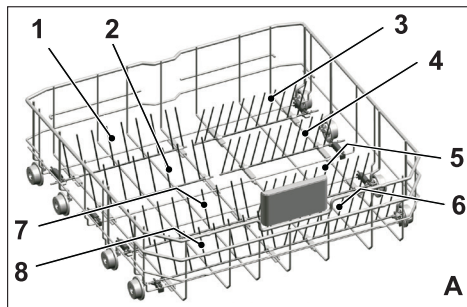
Upper basket height adjustable rack

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).

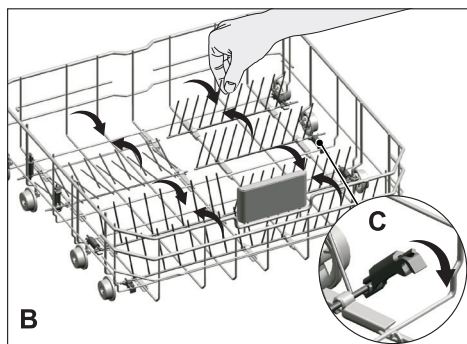


Collapsible lower basket tines

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



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

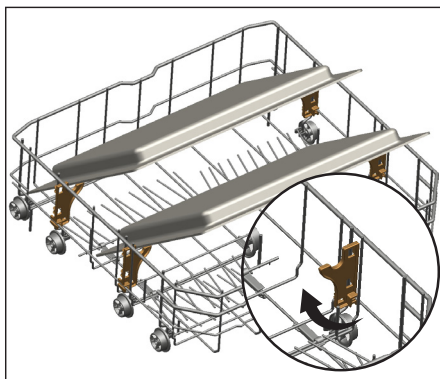


Bringing the tines to the horizontal position by holding them from the tips may cause them to bend. Therefore, it will be appropriate to bring the tines in the middle to horizontal or vertical position by holding them from their stems and pushing in the direction of arrow.

Tray Wash Supports

Use the supports to wash trays in the bottom basket.

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

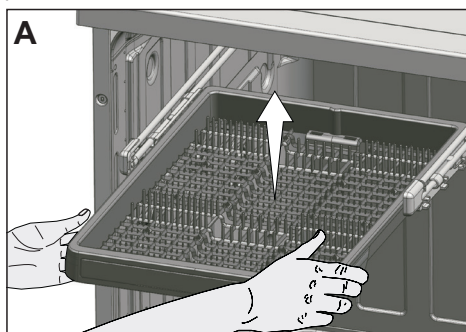


Upper cutlery basket

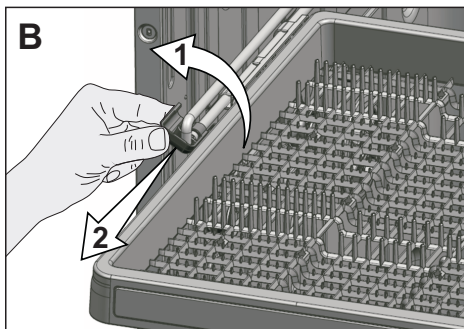
The upper cutlery basket is designed for small dishes, or long items that cannot fit into the lower cutlery basket.



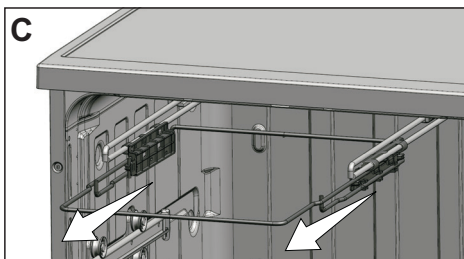
Thanks to the easy take-out-from-the-machine feature, it allows taking out the dishes from the machine together with the basket after they are washed (A). Since it can fit into all standard size drawers, it does not require the dishes to be removed from the basket and placed into the kitchen drawers or shelves.



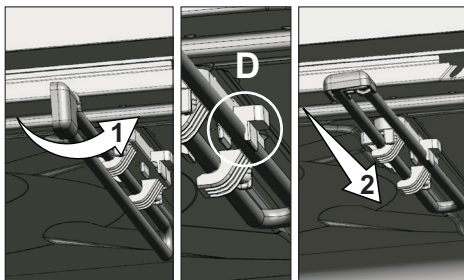
If you don't want to use the upper cutlery basket, pull it back to yourself to remove it from the machine, rotate the rail lids towards outside and pull them towards yourself to take them out (B).



After taking out the basket by lifting it up, remove the carrier part from the rails by pulling it towards yourself (C).

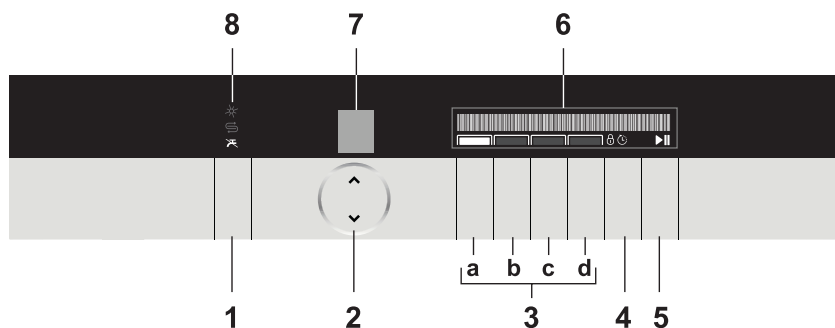


Replace the rail lids and push them back to seat them into their places. Turn the rails inside the machine sideways to seat them properly in their places (D).

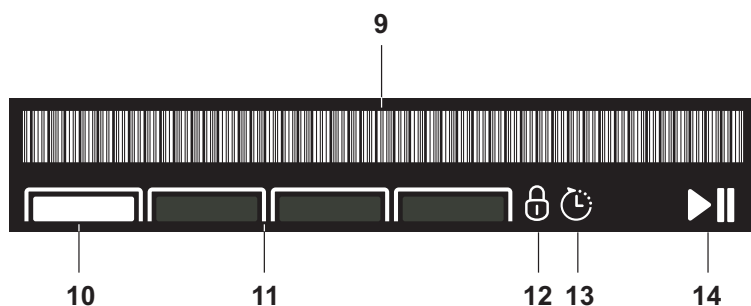


In order to replace the upper cutlery basket into its place again, repeat the same process in reverse order.

5 OPERATING THE PRODUCT



1. On / Off key
2. Programme Selection keys
3. Function keys
 - a) Tablet detergent function
 - b) Express Function
 - c) Child Lock / Steam Shine Function
 - d) Settings Menu / TrayMasterFunction
4. Time Delay key
5. Start / Pause / Cancel key
6. Display
7. Programme indicator
8. Rinse Aid (*) / Salt (S) / Water Cut-off (X) Warning indicators



9. Display Information line
10. Function Selected indicator
11. Function Selectable indicator
12. Child Lock indicator
13. Time Delay indicator
14. Start (▶) / Pause (||) indicator

Keys

On / Off key

It is used to turn on or off the machine.

Press the On / Off key for 1 second to turn on. Buzzer will go off and machine will turn on at the end of 1 second. Press the On / Off key for 1 second to turn off. Buzzer will go off and machine will turn off at the end of 1 second. When the On/Off key is pressed while the programme is running, "Switching off 3", "Switching off 2", "Switching off 1" will be displayed on the display information line and 3 seconds later the machine will turn off with the end melody.

Machine will turn on with economy programme in On mode and the number of the economy programme will appear on the programme indicator.

Start / Pause / Cancel key

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

Programme Selection keys

They are used to select the washing programme you determined from the table of "Programme data and average consumption values". Use up arrow to switch to the next programme, and down arrow to switch to the previous one. It returns to beginning or to end after the first and last programs.

Function keys

Using auxiliary functions enable you to save time, water and energy and to perform a more comfortable washing with conditions specific to you.

Time Delay key

It should be pressed to make the time delay settings.

Preparing the machine

1. Open the tap.
2. Plug in to the socket.
3. Open the door of the dishwasher.

4. Place the dishes in accordance with the instructions in the user manual.
5. Make sure that the upper and lower impellers rotate freely.
6. Put adequate amount of detergent into the detergent dispenser.
7. Check if the Salt and Rinse Aid indicators light and add salt and/or rinse aid if needed.
8. Close the door of the dishwasher.

Programme selection

1. Press On / Off key to turn on your machine.
2. Refer to the table of "Programme data and average consumption values" to determine a washing programme suitable for your dishes.
3. Press Programme Selection keys until the number of the programme you selected appears on the Programme indicator. Use up arrow to switch to the next programme, and down arrow to switch to the previous one.

Programme Table

Programme number	0	1	2	3	4	5	6	7	8	9	10
Programme name	SelfCare	Eco *	Auto 40-65°C	Prewash	Mini 30'	GlassCare	QuickWash 58'	Intensive	HygieneCare	All-in-Wash	QuietWash
Cleaning temperature	-	50 °C	40 °C-65 °C	-	35 °C	40 °C	60 °C	70 °C	70 °C	-	50 °C
Degree of Soiling	This programme is recommended to be operated on every 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	It is suitable for washing the normally soiled left daily dishes in the most economical way.	It determines the soiling degree of the temperature and amount of the washing water as well as the washing time automatically. It is suitable for all dish types.	It is suitable to remove the rough remnants on the dishes to be left in the dishwasher. It also prevents odour formation inside the machine.	It is suitable for quickly washing the lightly soiled dishes that have undergone precleaning process.	Special programme for gentle cleaning of delicate glassware.	It is the daily washing programme to wash the normally soiled left dishes in the fastest way.	It is suitable for heavily soiled pans and trays.	Using this would be appropriate to wash heavily soiled dishes left for a long time and when extra hygiene is needed especially to wash baby stuff.	It is the most suitable washing programme for daily mixed dishes including plastic items. While delicate glass items are washed in the upper basket, pans and trays can be washed in the lower basket.	It is the daily washing programme to wash the normally soiled left dishes in the most silent way.
Detergents	-	A	A	-	A	A	A	A	A	A	A
Prewash	-	+	+	+	-	+	-	+	+	+	+
Wash	-	+	+	-	+	+	+	+	+	+	+
Dry	-	+	+	-	-	+	+	+	+	+	+
Duration (min)	75	238	110-210	15	30	102	58	156	135	189	266
Water (l)	14,4	10	10,2-14,4	4	10,4	13	10,2	16,2	17,6	18,6	9,4
Energy (kWh)	0,70	0,82	0,90-1,45	-	0,80	0,92	1,30	1,43	1,68	1,36	1,15

The consumption values shown in the table were determined under standard conditions. Differences may therefore occur under practical conditions. * Reference programme for testing institutes. The tests in accordance with EN 50242 must be carried out with a full water softener salt dispenser and a full rinse aid reservoir, and using the test programme.

Auxiliary functions

Washing programmes of your dishwasher are designed to obtain the best cleaning effect, considering the type of the soil, soiling degree and properties of the dishes to be washed.

Auxiliary functions are provided in order to enable you to save time, water and energy and to perform a more comfortable washing with conditions specific to you.



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

Tablet detergent function

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. If you do not want to use these functions in the new program you have selected, press the Tablet Detergent key until the indicator of the relevant function turns off.



Tablet Detergent function may cause change in the programme duration.

TrayMaster Function

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

Steam Shine Function

It provides superior drying performance.

Express Function

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

Active Self Cleaning Filter

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

To change the filter cleaning settings:

1. After switching your machine on, press Time Delay and P / P+ keys simultaneously. Keep them pressed until the countdown 3, 2, 1 is completed on the display.
2. Go to the F: position on the display by pressing the P / P+ key. Filter cleaning function is disabled in «F:0» position. It is enabled in «F:1» position. Select the position you want with the Time Delay key.
3. Turn off the machine with the On/Off key to save the changes.

SelfCare

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.



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

Programming the washing time

Time Delay

If an economical electricity tariff is applied in your region, you can use the Time Delay function to wash your dishes during appropriate hours.

You can delay the start of the selected programme up to 24 hours. Time Delay cannot be set after the programme starts.

1. Press the Time Delay function key after selecting the washing programme and other auxiliary functions.
2. Once you press the Time Delay key, Display Information Line will show "0:00" and Time Delay indicator will start flashing.
3. Press Time Delay key to set the time you wish. Time will increase with increments of 30 minutes up to 6 hours and after that in 1 hour increments up to 24 hours every time you press the key.
4. Press Start / Pause / Cancel key to start countdown for the Time Delay. Time Delay indicator and Start / Pause indicator will light continuously until the end of the period. Time Delay is displayed on the Display Information Line. Selected programme will start as soon as the countdown is over.

Changing the settings during Time Delay

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



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



When you press the key without canceling the Time Delay function, "Time Delay On" warning will be displayed.

To cancel the Time Delay function

1. Press and hold Start / Pause / Cancel key for 3 seconds.
2. When the Start / Pause / Cancel key is pressed and hold, "3", "2", "1" appear on the Display Information Line. Time Delay indicator will go off at the end of the cancellation process and delaying process is cancelled.



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



Time Delay function cannot be set after the programme starts.

Starting the programme

To start your machine after selecting the programme and auxiliary functions, press Start / Pause / Cancel key.

When the programme is started, Start / Pause indicator (▶) lights. Display Information line shows "Program Started" for 3 seconds.



Your machine performs water softening depending on the hardness level of the supply water. Remaining time displayed towards the end in some programmes can be different from the time indicated at the beginning due to this process. The total time can also change while the programme is running depending on the ambient temperature where your machine is installed, temperature of the supply water and amount of the dishes.



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

Programme follow-up

You can follow-up the washing step in which the current programme is in from the Display Information line messages as well as from the remaining time.

Messages related to Washing, Rinsing and Drying steps will be displayed respectively on the Display Information line while the selected programme is running. Programme step is shown as left aligned and the remaining time is shown as right aligned. This screen and bar screen alternate in every 10 seconds.



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

Child (Key) Lock

You may prevent other people from interrupting and changing the programme cycle and time delay while the machine is running.

To activate the child lock:

1. Press and hold the Child (Key) Lock key for three seconds.
2. A key sound comes from the buzzer when the Child Lock key is pressed for the first time. If the Child Lock key is pressed and hold more, "Child Lock: 3", "Child Lock: 2", "Child Lock: 1" and "Child Lock: On" are displayed on the Display Information Line. If any key other than On/Off key is pressed while the Child Lock is active, "Child Lock: Open" is displayed on the Display Information line together with the warning sound.



Child Lock prevents the selected programme or functions from being changed and disables the Start / Pause / Cancel key.



Child Lock does not lock the door of the machine.



If you turn your machine off by using On/Off key at the end of the programme, the Child Lock will be deactivated automatically.



At the end of the programme or if no programme is started, in order to provide energy saving the machine is automatically switched off after a certain amount of time

To deactivate the Child Lock:

1. Press and hold the Child (Key) Lock key for 3 seconds.
2. When the Child Lock key is pressed and hold for a long time, "Child Lock: 3", "Child Lock: 2", "Child Lock: 1" and "Child Lock: Off" appear on the Display Information Line.

Canceling a programme

1. Press Start / Pause / Cancel key for 3 seconds to cancel the programme.
2. When the Start / Pause / Cancel key is pressed and hold, "Cancel 3", "Cancel 2", "Cancel 1" appear on the Display Information line.
3. When the canceling process starts, Display Information line shows "Canceling..." and once the process is completed, "Cancelled" message is given on the Display Information line. For a couple of minutes the machine will perform the necessary operations required to cancel the programme.



You can select and operate a new programme following the cancellation of the programme.



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

Changing the auxiliary function

To change the auxiliary functions after starting the programme, you should cancel the programme in the first place. Then, you can select and start new functions.

Machine settings

You can use "Settings Menu" to change the "Water Hardness", "Active Self-cleaning Filter", "Inner Illumination", "Doormatic", "Volume", "Brightness" and "Language" settings you are going to use in your machine, or to restore the factory settings.



"Active Self-cleaning Filter", "Inner Illumination" or "Doormatic" features may not be available in your machine depending on its model.

To enter the Settings menu:

1. Press On / Off key to turn on your machine.
2. Press Settings Menu key for 3 seconds to enter the "Settings Menu".
3. "Settings 3", "Settings 2", "Settings 1" message will be displayed on the Display Information line and 3 seconds later you will be in the Settings Menu.
4. After entering into the "Settings menu", press function key (c) to switch to the next main menu, and press function key (a) to go back to the previous main menu.
5. Use function key (b) to make changes in the menus. Changes made are stored automatically.

Settings 3"



You will be asked for your approval when changes are made in "Language" or " Factory Settings?" menus.

- Press either one of function key (c) or function key (a) to store the changes made in the "Language" setting or in the "Factory Settings?" menu. Following message will be displayed upon pressing the key.

Store settings?

- Press function key (b) to save the change. If you press function key (a) without making any changes in the menu, you will switch to the next setting menu and the changes made will not be saved.
- To exit the "Settings Menu", press the function key (d) for 3 seconds.
- "Exit settings 3", "Exit settings 2", "Exit settings 1" will be displayed on the Display Information line and 3 seconds later you will be out of the Settings Menu.

Exit settings



Time Delay and Start / Pause / Cancel keys do not have any function in the "Settings Menu". Pressing these keys has no effect.

Adjusting the Water Hardness

You need to adjust the "Water Hardness" level to one of the following values that suits the properties of your supply system.



Adjust the new water hardness level according to the Water hardness level instruction supplied with your machine.

- Lime free
- Very slightly limy

- A little limy
- Mediocre limy
- Limy
- Very much limy

Water Hardness:1

Automatic Detergent Detection Feature

The product has a feature to automatically detect the type of the detergent and adjust the washing programme and drying system to the best performance. If special tablet detergent is used, the programme duration can be extended by 20 minutes in order to optimize the washing and drying performance. (This feature may not be available depending on the model you have purchased.)

Active self-cleaning filter

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

There are two options, namely "On" and "Off" for this function. It is set to "Off" at the factory. You have to change this from "Off" to "On" position when you want to use the function. (This feature may not be available depending on the model you have purchased.)

Inner Illumination

When you enable this function, internal illumination lamp will light every time you open the door of your machine. There are two options, namely "On" and "Off" for this

Operating the product

function. It is set to "Off" at the factory. (This feature may not be available depending on the model you have purchased.)

Doormatic

When you enable this function, the door of your machine will be opened automatically at the end of the programme. Thus, the drying efficiency is increased and energy saving is provided. There are two options, namely "On" and "Off". It is set to "On" at factory. (This feature may not be available depending on the model you have purchased.)

Doormatic : On



If the Doormatic is enabled, the door of your machine will be opened automatically within 2 minutes at the end of the programme. The lock mechanism prevents the door from being closed for the next 1 minute. Do not try to close the door during this period.



Do not unload your machine for 30 minutes after the door is opened automatically. Thus, you will obtain a better drying performance.



You should not stand in front of the door while it is opening.

When you switch "Doormatic" feature to Off position, you will have it disabled for all programmes.

Doormatic : Off

If you want to enable it again, switch the "Doormatic" feature back to "On" position

again after entering in the "Settings menu".

Volume setting

Select one of the following levels for the Volume setting:

1. High
2. Low

Brightness

You can adjust screen brightness to a level between 1 and 3.

Language

"Language" menu contains 11 different language options in total.

1. Türkçe
2. English
3. Deutsch
4. Francais
5. Dansk
6. Vlaams
7. Swedish
8. Polski
9. Norsk
10. Русский
11. Flaami

Language: English

1. Press function key (b) to set the language you want; the next language will be selected each time you press the key.
2. Following message will be displayed when either of the function key (a) or function key (d) keys is pressed to store the selected language.

Store settings?

3. Press function key (b) key to store the changes or press function key (a) to exit the Language menu without saving.


Operating the product

Factory Settings?

Proceed as indicated below to cancel all your personal settings and restore the factory settings:

A black rectangular screen with the text "Factory Settings?" in white. Below the text are four white rectangular buttons.

- 1 Press the function key (b) key. Following message will be displayed upon pressing the key.

A black rectangular screen with the text "Store settings?" in white. Below the text are four white rectangular buttons.

2. Press function key (b) key to store the changes or press function key (a) to exit the menu without saving.

When factory settings are restored, settings will have the following values:

Language = Deutsch

Brightness = 2

* Doormatic = On

* Active self-cleaning filter

* Inner Illumination = On

Volume = High

Water Hardness = 1

* These menus may not be available depending on the model of your machine.

Warning messages

Your machine will give you some important feedbacks while it is running.

Salt indicator (S)

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



Salt indicator warning will go off automatically once the programme is started.

Rinse Aid indicator (✱)

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



Rinse aid warning will go off automatically once the programme is started.

Water Cut-off indicator (⚡)

Water Cut-off warning indicator will light when the machine cannot take in water and "No water!" warning is displayed on the Display Information line. When the water is supplied again, warning light will be turned off automatically.

A black rectangular screen with the text "No water !" in white. Below the text are four white rectangular buttons.

Make sure that the water is not cut-off and the tap is not closed when the Water Cut-off warning light is illuminated. Call Authorised Service Agent if water is not cut-off and the tap is open.

Call service

A black rectangular screen with the text "Call service" in white. Below the text are four white rectangular buttons.

Please call the service when you see this warning on the Display Information line. It is possible that your machine has taken in plenty of water due to various reasons.

End of programme

Once the washing programme is over, "Program over" will be displayed on the Display Information line.

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



At the end of the programme or if no programme is started, in order to provide energy saving the machine is automatically switched off after a certain amount of time



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

6 MAINTENANCE AND CLEANING

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



Unplug the product and turn off the tap before attempting any cleaning procedures.



Do not use abrasive substances for cleaning.



Clean the filter and impellers at least once a week to ensure the machine operates efficiently.

Cleaning the outer surface of the product

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

Cleaning the interior of the machine

- Clean the interior of the machine and the tank by running a prewash programme without detergent or a long washing programme with detergent based on the degree of dirtiness.
- 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, clean any leftover deposits that have piled up in the bottom of the machine, blocking the water path.

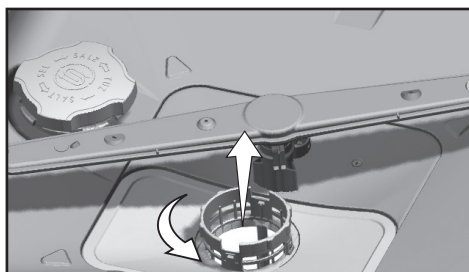
Cleaning the filters

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

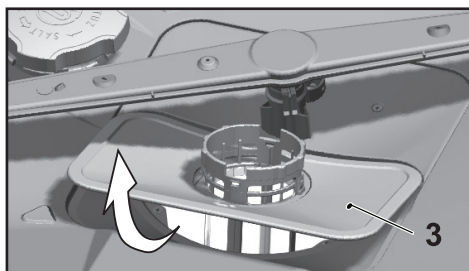


Filter cleanliness is increased by 80% with the micro filter cleaning system available on your machine.

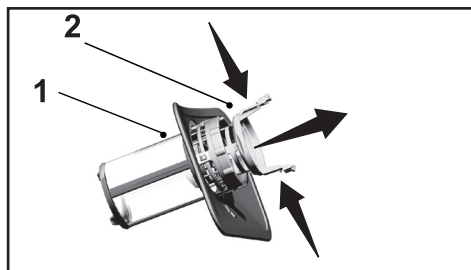
1. Turn the micro filter (1) and coarse filter (2) assembly counterclockwise and pull it out from its seating.



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



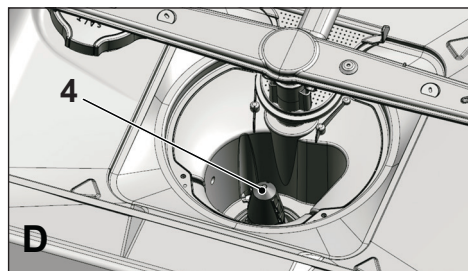
3. Press the two pawls on the coarse filter inwards and separate the coarse filter from the assembly.



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



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



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



Do not use the dishwasher without filter.



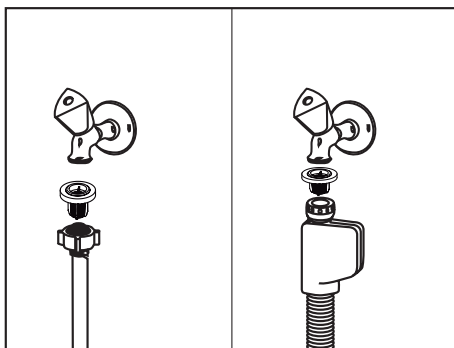
Incorrect placement of the filters will reduce washing efficiency.

Cleaning the hose filter

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

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

(depends on model)

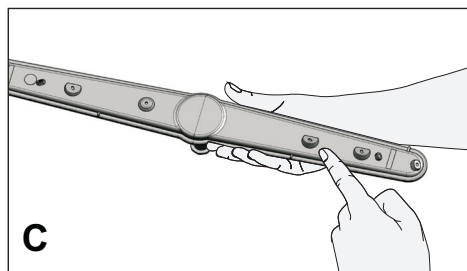
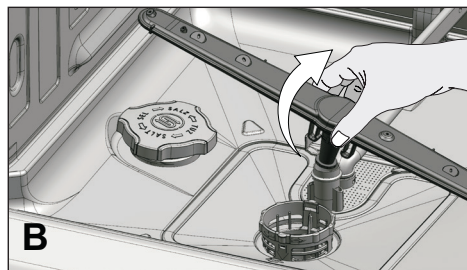
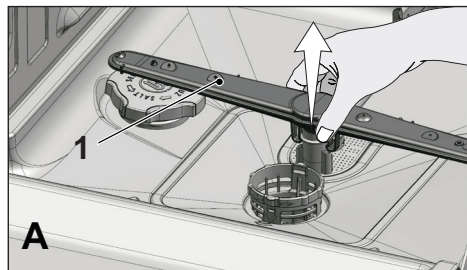


Cleaning the impellers

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

Lower impeller

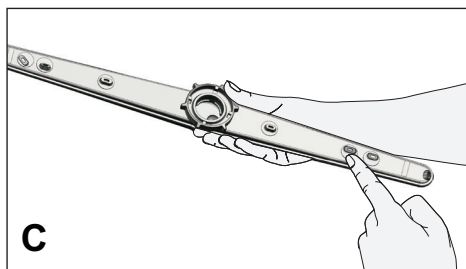
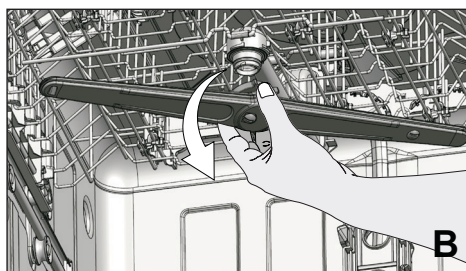
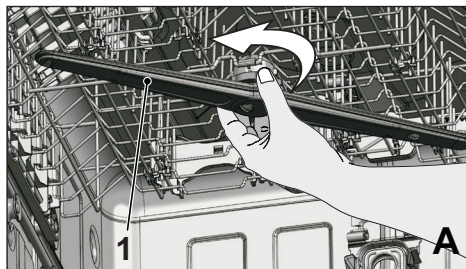
Check if the holes on the lower impeller (1) are clogged. If they are clogged, remove and clean the impeller. Pull the lower impeller up to remove it (A, B).



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 (A, B).

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

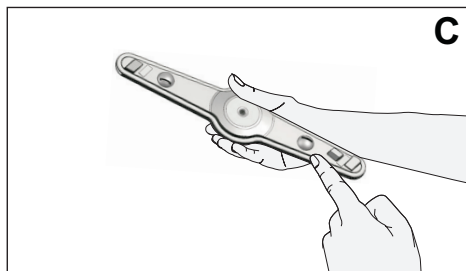
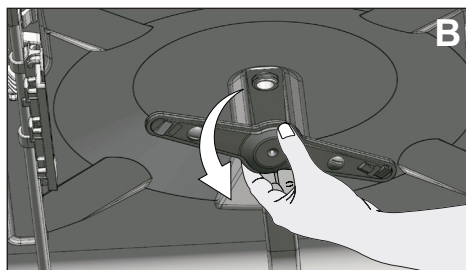
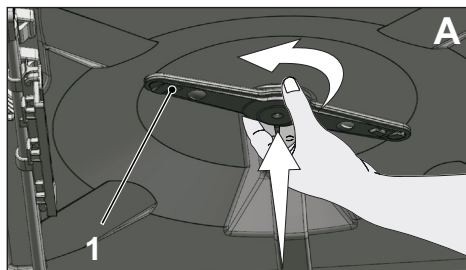


Ceiling Impeller

Check if the holes on the top ceiling impeller (1) of your machine are clogged. If they are clogged, remove and clean.

To remove them, slightly (↑) push them upwards and then (↶) turn left (A,B).

To install the impeller, seat it into its slot, push slightly upwards and turn it rightwards until it is securely tightened. When the impeller is released, check if it rotates without any obstruction.



7 TROUBLESHOOTING

Machine does not start.

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

Dishes are not washed clean

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

Dishes are not dry at the end of cycle

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

Troubleshooting

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



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

Tea, cafe or lipstick stains remain on dishes.

- Selected programme is unsuitable. >>> Select a programme with a higher temperature and cycle time.
- Surface quality of the kitchen utensils is deteriorated. >>> Tea and cafe stains or other dye spots may not be cleaned in dishwasher when they have penetrated in deteriorated surfaces. Desired washing performance can not be obtained 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 such as knives are used for purposes other than their intended uses. >>> Protective cover on the edges of knives may get damaged when they are used for purposes such as opening cans. Do not use metal kitchen utensils out of their intended uses.
- Cutlery are made of low quality stainless steel. >>> Corrosion on such items is inevitable; they should not be washed in dishwashers.
- Kitchen utensils that are already corroded are washed in dishwasher. >>> Rust on a corroded item can migrate to other stainless steel surfaces and cause corrosion on those surfaces as well. Such items should not be washed in dishwashers.

Detergent remains in detergent dispenser.

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

Decorations and ornaments on kitchen utensils are being erased.



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

Dishes are scratched.



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

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

Guarantee Details

Your new Grundig product is guaranteed against faulty materials, defective components or manufacturing defects. The guarantee starts from the date of original purchase of the product for a period of three (3) years unless Beko plc (the "Manufacturer") agrees to extend the guarantee for the product in writing. If you have any questions about the guarantee on your product (including how long it is valid), please contact your retailer or our Call Centre on 0333 207 9920.

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 question 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, Beko plc (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

- Your product is designed and built for domestic household use only.
- 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.
- The product must be correctly installed, located and operated in accordance with the instructions contained in the User Instructions Booklet provided with your product.
- 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).
- Gas Cookers must be professionally installed by a Gas Safe (or Gas Networks Ireland for Republic of Ireland) registered gas installer.
- This guarantee is given in respect of products purchased and used within the United Kingdom and the Republic of Ireland.
- 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.
- This guarantee does not apply to graded sales (where the product is purchased as a "second").
- 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.
- 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.
- 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.

HOW TO OBTAIN SERVICE

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

It will be useful if you complete the details below, as it will help us assist you when requesting service (the model number is printed on the Instruction Booklet and the serial number is printed on the Rating Label affixed to the appliance). Recording of these details alone will not count as proof of purchase. A valid proof of purchase is required for under guarantee service.

The area around the product must be easily accessible to the Engineer without the need for cabinets or furniture being removed.

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

.....
Model No:

Serial No:

Retailer:

Date of purchase:
.....

For service under guarantee simply telephone the appropriate number below

UK Mainland & Northern Ireland 0333 207 9920 or customerservice@support.grundig.co.uk

Republic of Ireland: 01 691 0203

Register your appliance at: grundig.co.uk/support/register

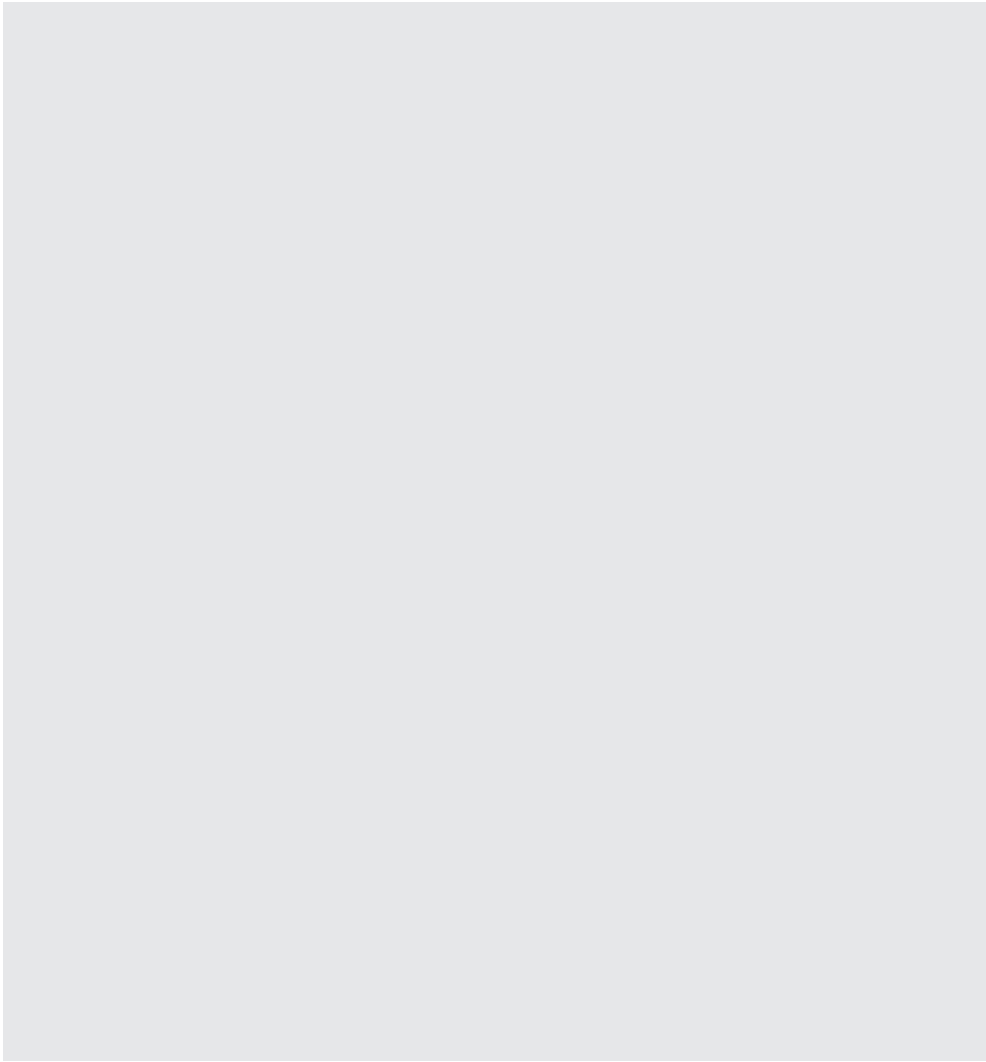
Before requesting service please check the troubleshooting guide in the Operating Instructions as a charge may be levied where no fault is found even though your product may still be under guarantee.

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 the appropriate number above where service can be obtained at a charge.

Should you experience any difficulty in obtaining service contact the Grundig Customer Helpline on Tel: 0333 207 9920 or e-mail: customerservice@support.grundig.co.uk
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This guarantee is provided by Beko plc. Beko House, 1 Greenhill Crescent, Watford, Herts, WD18 8QU. Beko plc is registered in England and Wales with company registration number 02415578.



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