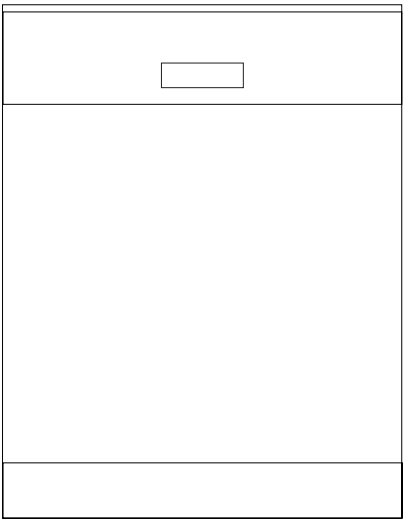
Dishwasher
User's Manual

DFS04C10W



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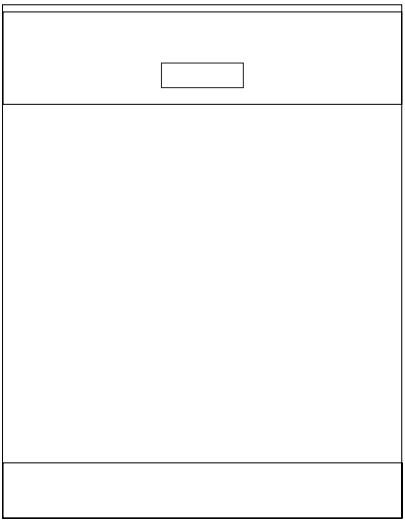

Please read this user manual first!

Dear Customer,

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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1 Instructions for safety and environment

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

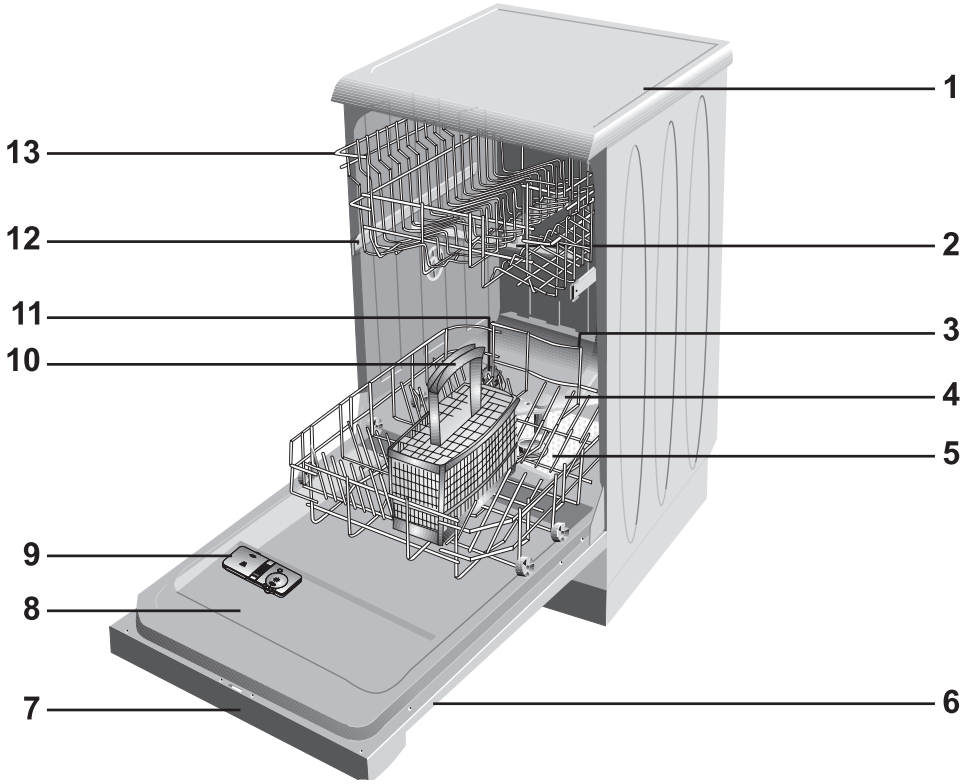
The product you have purchased complies with EU RoHS Directive (2011/65/EU). It does not contain harmful and prohibited materials specified in the Directive.

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. Top Cover
2. Upper impeller
3. Lower basket
4. Lower impeller
5. Filters
6. Rating Label
7. Control panel
8. Door
9. Detergent dispenser
10. Cutlery basket
11. Salt reservoir lid
12. Upper basket rail
13. Upper basket

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.
2006/95/EC, 2004/108/EC, 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/cm² = 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.

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.

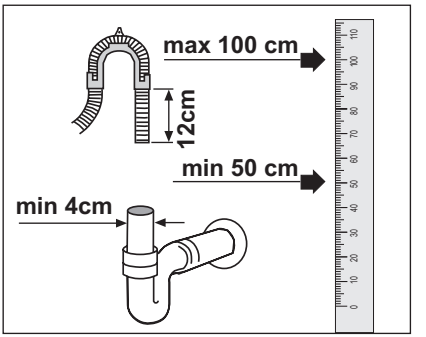
Connecting water supply

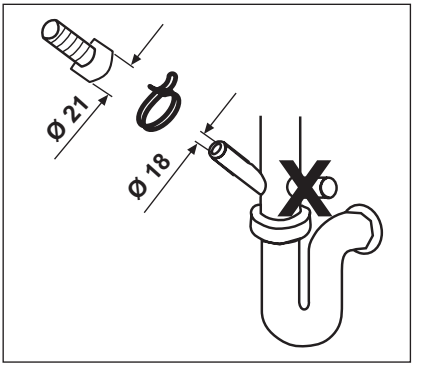
- Do not use old or used water inlet hose on the new product. Use the new water inlet hose supplied with the product.
- Connect the water inlet hose directly to the water tap. Pressure coming from the tap should be minimum 0.3 and maximum 10 bars. If the water pressure exceeds 10 bars, a pressure relief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

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.

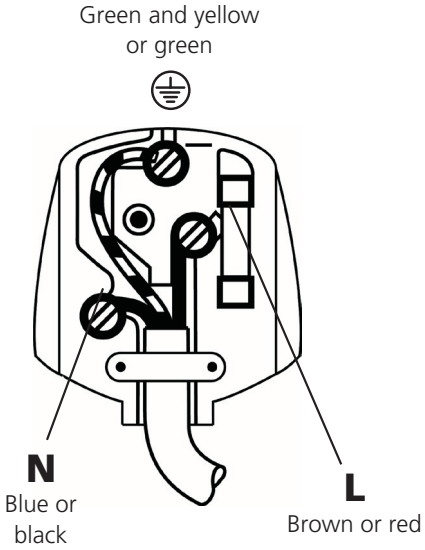
This appliance must be earthed

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.

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.

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.

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

Washing performance 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.

Adding salt

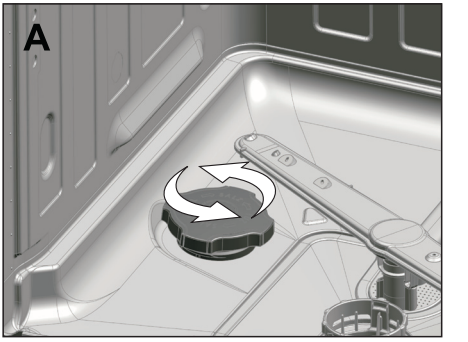
Water softening system needs to be regenerated in order that the product operates with the same performance continuously. Dishwasher salt is used for this purpose.

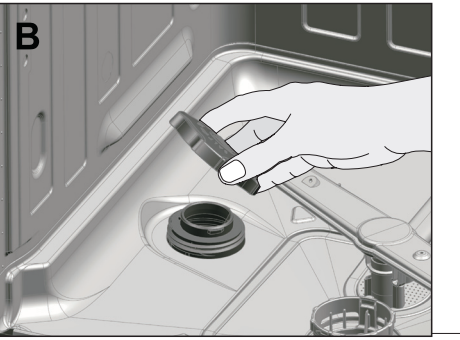
	Use only special softening salts produced particularly for the dishwashers in your machine.

	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.

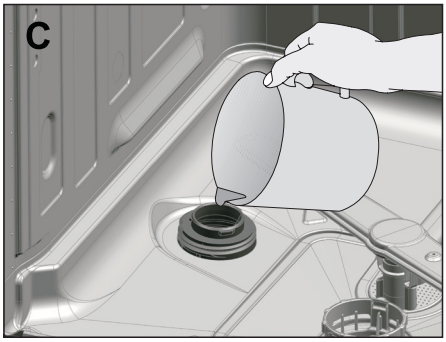




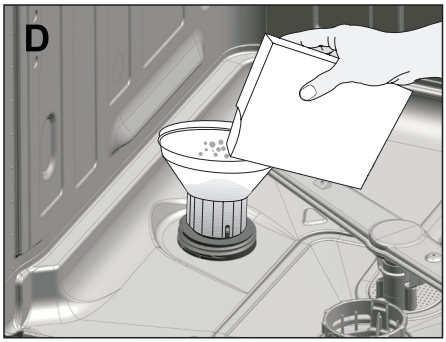
2. Turn the salt reservoir lid counter clockwise to open it (A, B).

	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 Dishwasher 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.

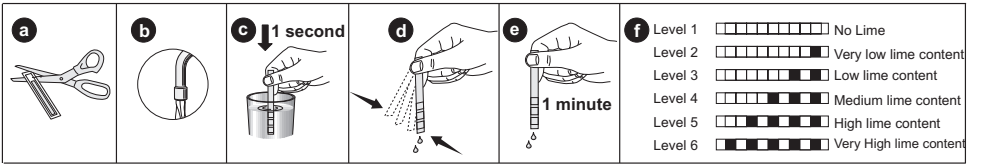
	Since different salt brands in the market have different particle sizes and since the water hardness may vary, dissolution of the salt in water may take a couple of hours. Therefore, Salt Indicator remains on for a while after adding salt into the machine. Loose salt grains can cause rust marks in your machine if not rinsed away. Only fill salt just before a programme is run.

Water hardness & regeneration settings

The dishwasher requires lime free water. Hard water leaves watermarks on your dishes. Your dishwasher has a special water softening system to remove the hardness of the tap water. Setting this system correctly will increase the washing effectiveness.
To find out the hardness level of water in your area, contact your local Water Board or Determine water hardness level by the help of test strip provided.

If you move to a different location, the level of water hardness will possibly be different. It is essential to reset the water hardness in order to obtain optimum washing efficiency.

Test Strip



Remove the test strip from its packing.

Let the water flow from your tap for 1 minute.

Fill a glass with tap water and dip the test strip into water for 1 second.

Take the test strip out of the water and shake it.

Hold for 1 minute.

Set the water hardness level of your dishwasher according to the result shown by the test strip.

To Adjust the Water Hardness

1. Move the programme selection key to position 1 when the machine is turned off.
2. Press Start/Pause/Cancel button.
3. Press On/Off button while keeping the Start/Pause/Cancel button pressed to turn the machine on. Do not release the Start/Pause/Cancel button until "Water Hardness Level" set appears on the indicator of the machine (See. Water Hardness Level Adjustment Table).
4. The default "Water Hardness Level" will remain lit on the panel of the machine for about 5 seconds. Release the Start/Pause/Cancel button after the default "Water Hardness Level" appears.
5. To adjust the new Water Hardness Level, move the programme selection key to the position that is suitable for your water supply. (See. Water Hardness Level Adjustment Table)

**Programme selection key rotates in 5 steps regardless of the number of the programme contained on the machine.

6. Press "Start/Pause/Cancel" key once to store the level you have selected.
7. Press the On/Off key to turn off your machine.

Water Hardness Level Adjustment Table

Hardness Level	English Water Hardness °dE	German Water Hardness °dH	French Water Hardness °dF*	Position of Program Selection Key**	Water Hardness Level Indicator
Level 1	0-5	0-4	0-8	1	Washing lamp on the panel will illuminate.
Level 2	6-14	5-11	9-20		
Level 3	15-21	12-17	21-30	2	Drying lamp on the panel will illuminate.
Level 4	22-28	18-22	31-40	3	End lamp on the panel will illuminate.
Level 5	29-42	23-34	41-60	4	Washing, Drying and End lamps on the panel will illuminate.
Level 6	43-56	35-45	61-80	5	Washing, Drying and End lamps on the panel will flash with an interval of 1 second.

If the hardness level of the water that you use is above 80 °dF (French standard for water hardness) or if you are using well water, then it is recommended to use filter and water purification devices.
If the hardness level of the water that you use is below 8°dF (French standard for water hardness), there is no need to use salt in your dishwasher. If this is the case, "No Salt Warning Indicator" (if any) illuminates continuously on the panel of your machine.
If the water hardness adjustment is set to level 1, the "No salt warning indicator" will illuminate continuously although it is not necessary to use salt. If you use salt under this condition, salt will not be consumed and the lamp will not illuminate.

Detergent

You can use powder or tablet detergent in the machine.

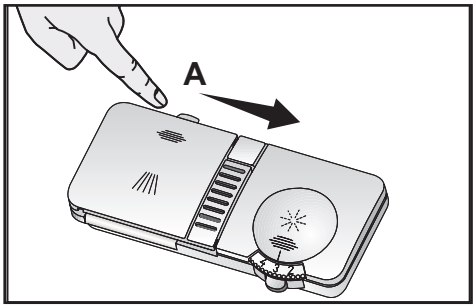
	Only use in the machine the detergents produced particularly for use with dishwashers. We recommend you not to use detergents that contain chlorine and phosphate as they are harmful for the environment.
	Contact the detergent producer if the dishes are wet and/or if you notice limescale spots particularly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

Adding detergent

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

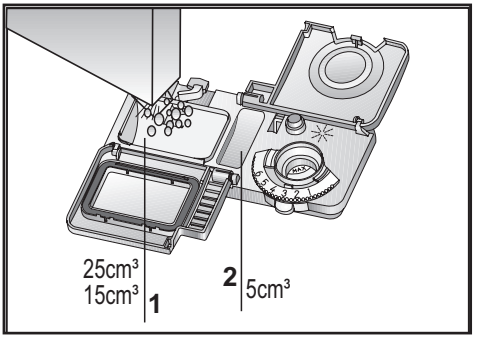
Put the detergent into the detergent dispenser just before operating the machine as illustrated below.

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



2. Put suggested amount of powder or tablet detergent in the dispenser.

	Inside the detergent dispenser, there are level markings that help you use appropriate amount of detergent. When brimful, detergent dispenser will contain 40 cm^3 of detergent. Fill detergent up to 15 cm^3 or 25 cm^3 level marks in the detergent dispenser according to fullness of the machine and/or soiling degree of the dishes (1).



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

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

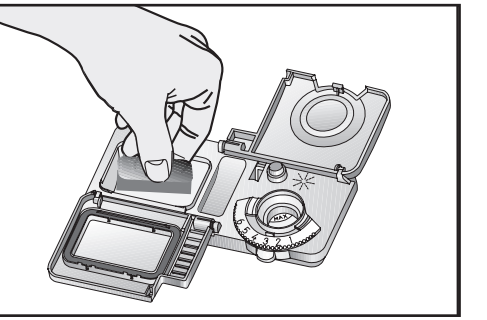
In programmes with prewash and at high temperature, in which you use tablet detergents, make sure that the detergent dispenser lid is closed firmly.

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.

Tablet detergents

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



Tablet detergents give satisfying results only under certain usage conditions. The best washing performance in dishwashers is obtained by using detergent, rinse aid and water softening salt individually.

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

Tablet detergent types commonly found in the market:

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

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

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

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

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

When you switch to powder detergent from tablet detergent:

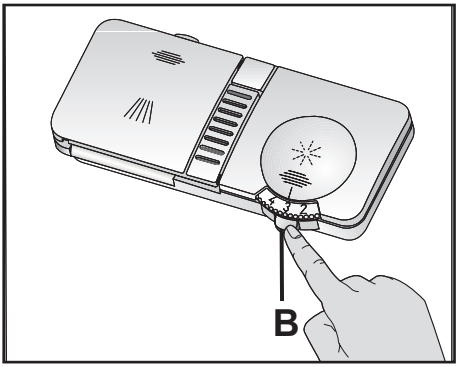
1. Make sure that salt and rinse aid reservoirs are full.
2. Set the water hardness to the highest level and perform an empty run.
3. After the empty washing cycle, review the user manual and readjust the water hardness level so as to suit the water supply.
4. Make the appropriate rinse aid settings.

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

Rinse aid

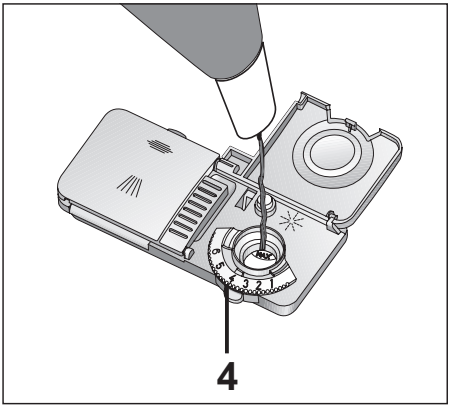
The rinse aid used in dishwashers is a special combination used to increase drying efficiency and prevent water or limescale stains on the washed items. For this reason, care must be paid to have rinse aid in the rinse aid reservoir and to use rinse aids produced specially for dishwashers only.

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



2. Fill the reservoir until "MAX" level.
3. Close the lid of the reservoir by pressing on it lightly.

Wipe clean any spilled rinse aid outside the reservoir. Rinse aid that spilled accidentally will cause foaming and it will eventually decrease washing performance.



4. Turn the rinse aid amount adjuster manually to a position between 1 and 6 (4). If there are stains on tableware items after washing, level must be

increased and if there is a blue trace after wiping them by hand, it must be decreased. This is set to position 4 as factory default.

Items not suitable for washing in the dishwasher

- Never wash dishes soiled by cigarette ash, candle remnants, polish, dyestuff, chemicals, etc. in your dishwasher.
- Do not wash iron alloy items in the dishwasher. It can get corroded or leave stains on other items.
- Do not wash silverware and cutlery with wooden or bone stems, glued pieces, or pieces that are not resistant to heat, as well as copper and tin-plated containers in the dishwasher.

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

Placing the dishes into the dishwasher

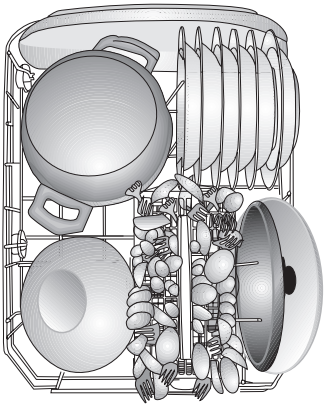
You can use your dishwasher in the optimum way with respect to energy consumption and washing and drying performance only if you place the dishes in an orderly way.

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

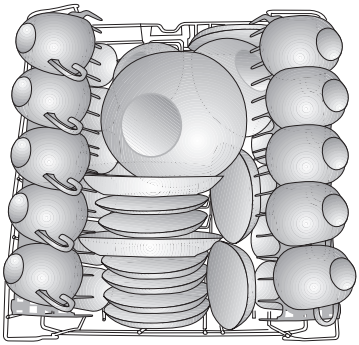
To prevent possible injuries, always place the sharp and pointed dishes such as service fork, bread knife, etc. upside down so as their pointed ends will face down or they will lie horizontally in the dish basket.

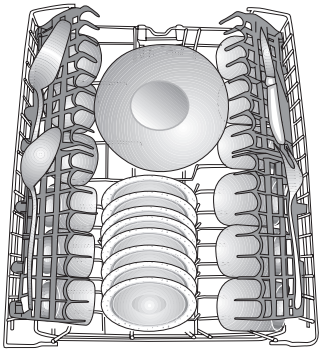
Unload dishes in the lower basket first and then the dishes in the upper basket.

Suggestions for loading the dishwasher



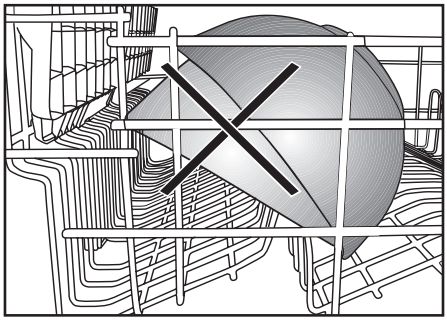
Lower basket

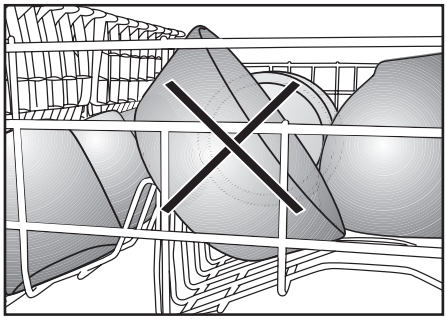


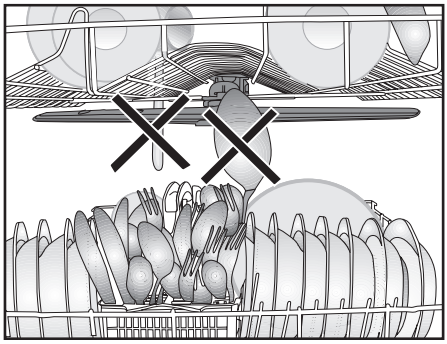


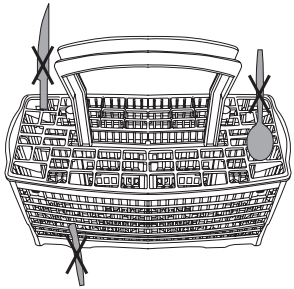
Upper basket

Improper Loading Of Dishware



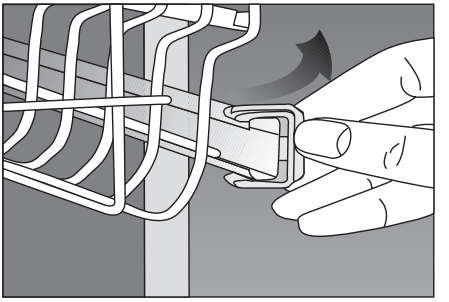


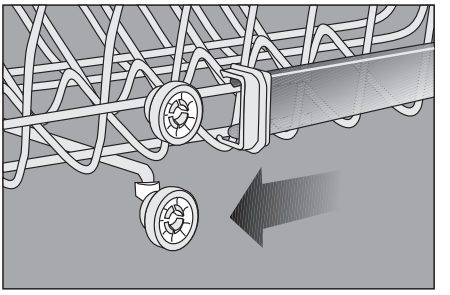


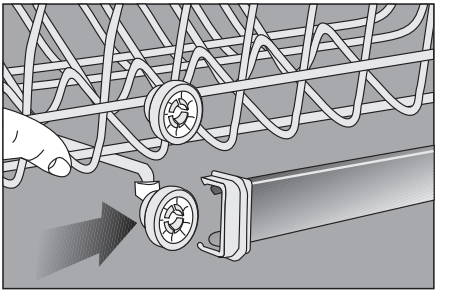


Height setting with empty basket

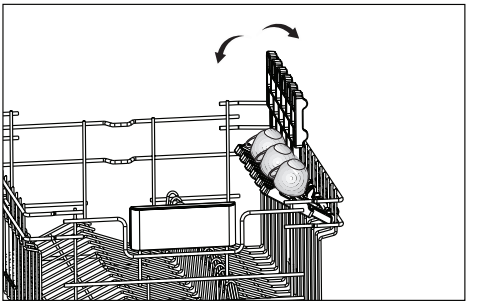
In this model, the height setting of the upper basket may be changed using the wheels which are mounted at two different heights.
Release the latches on both the right and left tracks of the upper basket by pushing them outwards
Pull out the basket out completely.
Place the basket back into the tracks at the desired height
Push the latches back into the correct position.







Upper basket rack



5 Operating the product

1. Programme Starting Point
2. Rinse Aid indicator
3. Salt indicator
4. On/Off Indicator Light & Progress Indicator Lights
5. Start / Stop key
6. Half Load key
7. On/Off/Programme Selection Key

On/Off
Machine will be switched on when you move the Programme Selection key to position "1". "ON" light will illuminate. Machine will be switched off when you move it to "OFF" position. All lights will turn off.

Programme selection Key
Used to switch on/off the machine and select the washing programmes.

Half Load key
Select Half Load when using any wash programme [Except Prewash] to save on water, electricity and time if the machine is only half full. You can place dishes anywhere in the machine; some upper and some lower basket.

Start / Stop key
It is used to start, pause or cancel the selected programme.
When you press the Start / Stop key, the washing programme you have selected will start.

⚠	To press the Start / Stop key, wait for two seconds after you turn on the machine by pressing the On / Off key.

Starting your 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 sufficient amount of detergent in the detergent dispenser and close its lid.
7. Check if the Salt and Rinse Aid indicators light and add salt and / or rinse aid if needed and close the door of the machine.
9. Select the most suitable programme by using the table of "Programme Data and Average Consumption Values".
10. Select the desired programme with Programme Selection key.
11. Start the programme by pressing Start / Stop key.

Programme Table				
Programme number	**1**	**2**	**3**	**4**
Programme name	Eco *	Intensive	Clean&Shine	Mini 30
Cleaning temperature	50 °C	70 °C	65 °C	35 °C
Degree of Soiling	Most economical washing programme for the medium soiled daily dishes that are kept waiting.	Suitable for heavily soiled dishes, pots and pans.	Daily washing programme for normally soiled dishes.	Suitable for lightly soiled daily dishes that are scraped or pre-cleaned.
	Medium	High	Medium	Few
Detergents A=25 cm³/15 cm³ B=5 cm³	A+B	A+B	A+B	A **
Prewash	+	+	-	-
Wash	+	+	+	+
Dry	+	+	+	-
Duration (min)	200	115	96	30
Water (l)	13	14,4	10,6	10,2
Energy (kWh)	0,83	1,32	1,04	0,77

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

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

Your machine performs water softening depending on the hardness level of the supply water. 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. If you need to open the door, safety system will stop your machine. There may be a rush of vapour when you open the door of your machine; be careful. Washing programme will resume running when you close the door.

Half Load function

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

1. Load your dishes in the machine using top and bottom baskets
2. Turn the machine on.
3. After selecting the desired programme, press the Half Load key. Half Load indicator lights up.
4. Close your machine's door and press Start / Stop key.

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

Half Load function may cause changes in the programme duration.

How to cancel the washing Programme

To cancel a programme while the machine is operating:
Press start/stop key for 3 seconds. The machine will drain the water inside the machine for 45 seconds. The programme is cancelled when washing light goes off. Then, you can choose and start a new 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.

Salt indicator

Please check the Salt Indicator on the panel 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 panel of your machine.

Rinse Aid indicator

Please check the Rinse Aid Indicator on the panel 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 panel of your machine.

End of programme

When the programme you have selected comes to an end, the End progress indicator light will lights up.

1. Open the door of the dishwasher.
2. Turn off your machine.
3. Close the tap.
4. Unplug the machine from the socket.

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

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.
ℹ	Do not use abrasive substances for cleaning.
ℹ	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.

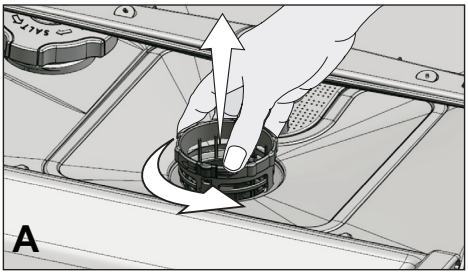
Cleaning the interior of the machine

- 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 "Canceling a programme". If the water cannot be discharged, clean any leftover deposits that have piled up in the bottom of the machine, blocking the water path.

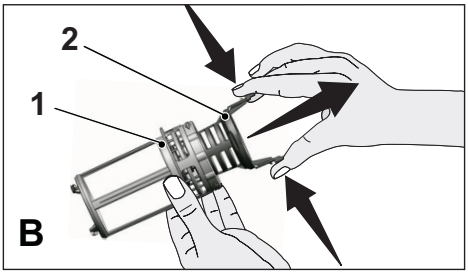
Cleaning the filters

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

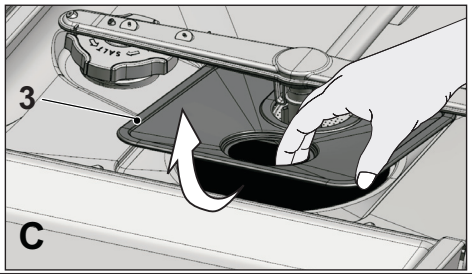
1. Turn the micro filter (1) and coarse filter (2) assembly counterclockwise and pull it out from its seating (A).



2. Press the two pawls on the coarse filter inwards and separate the coarse filter from the assembly (B).



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



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

	Do not use the dishwasher without filter.

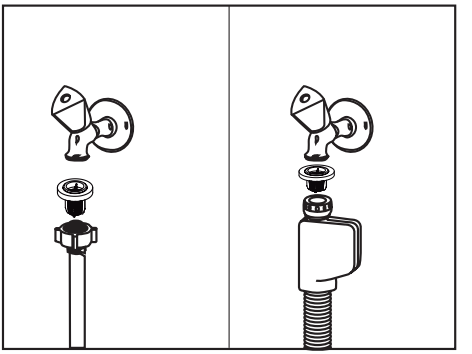
	Incorrect placement of the filters will reduce washing efficiency.

Cleaning the hose filter

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

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

(depends on model)

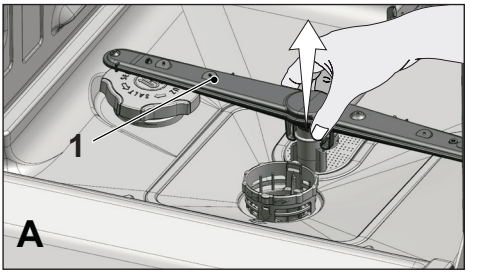


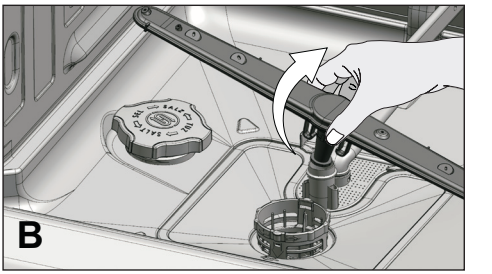
Cleaning the impellers

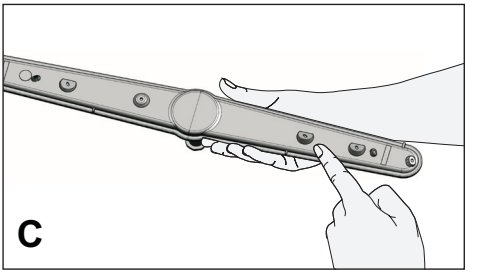
Clean the impellers at least once a week in order for the machine operates efficiently.

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).

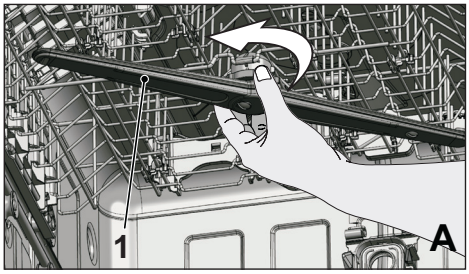


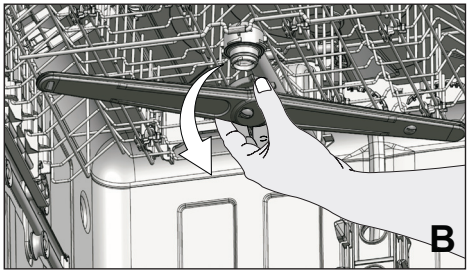


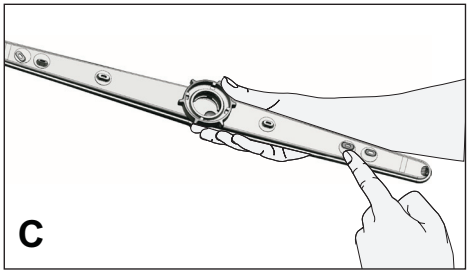


Upper impeller

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.







7 Troubleshooting

Machine does not start.

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

Dishes are not washed clean

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

Dishes are not dry at the end of cycle

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

- Rinse aid is not sufficient. >>> Check the rinse aid indicator and add rinse aid if necessary. Increase the rinse aid setting if there is enough amount of rinse aid in the machine.
- Machine is unloaded right after the programme is over. >>> Do not unload your machine right after washing process is completed. Slightly open the door and wait for evacuation of the steam inside for a while. Unload the dishes after the pieces cool down to a touchable level. Start unloading process from the lower basket. Thus, dropping of water remained on a piece at upper basket onto the pieces at lower basket is prevented.
- Selected programme is unsuitable. >>> Since rinsing temperature is low at programmes with short duration, drying performance will also be low. Select programmes with longer duration for a higher drying performance.
- Surface quality of the kitchen utensils is deteriorated. >>> Desired washing performance can not be obtained 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 silverware soiled with such foods will be kept waiting in machine, dirt must be removed by prewash or dishes must be washed without being kept waiting.
- Electric installation is not grounded. >>> Check if your machine is connected to the actual grounding line. Otherwise, the static electric created in the product causes arcs on the surfaces of metal items creating pores, removing the protective cover on the surface and causing discoloration.
- Intensive cleansers such as bleaches are used. >>> Protective cover on metal surfaces gets damaged and looses 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 then 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 ait 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 is 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.

8 Guarantee

Guarantee for Refrigeration, Cooking Appliances, Washing Machines & Dishwashers.

Please visit the "Support" section on the Beko website at www.beko.co.uk to register your one year warranty.

Your new Beko product is guaranteed against the cost of breakdown repairs for one year from the date of the original purchase.

What is covered?

- Repairs necessary as a result of faulty materials, defective components or manufacturing defect.
- The cost of functional replacement parts, but excluding consumable items.
- The labour costs of a Beko approved repairer to carry out the repair

What is not covered?

- Transit, delivery or accidental damage or misuse and abuse.
- Cabinet or appearance parts, including knobs, flaps, handles or container lids.
- Accessories or consumable items including but not limited to, ice trays, scrapers, cutlery baskets, filters and light bulbs.
- Repairs required as a result of unauthorised repair or inexpert installation that fails to meet the requirements contained in the user instruction book.
- Repairs to products used on commercial or non-residential household premises.
- Loss of frozen food in freezers or fridge/freezers. (Food loss insurance is often included within your household contents insurance policy, or may be available separately from your retailer).

Important notes.

- Your Beko product is designed and built for domestic household use only.
- The guarantee will be void if the product is installed or used in commercial or non-residential domestic household premises.
- The product must be correctly installed, located and operated in accordance with the instructions contained in the User Instructions Booklet provided.
- Professional installation by a qualified Electrical Domestic Appliance Installer is recommended for all Washing Machines, Dishwashers and Electric Cookers
- Gas Cookers must only be installed by a Gas safe (or BORD GAIS) registered Gas Installer.
- The guarantee is given only within the boundaries of the United Kingdom and the Republic of Ireland.
- The guarantee is applicable only to new products and is not transferable if the product is resold.
- Beko disclaims any liability for incidental or consequential damages.
- The guarantee does not in anyway diminish your statutory or legal rights.
- The product guarantee does not cover damages to plates,glass ware, cutlery, crockery and also damage to the product itself as a result of using these "Three-in-one", "Two-in-one" detergents.

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.
You should also complete the details below; 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)

Model No:
Serial No:
Retailer:
Date of purchase:

For service under guarantee simply telephone the appropriate number below

UK Mainland & Northern Ireland

Fridges & Freezers	0845 6004903	or	0345 6004903
Electric Cookers	0845 6004902	or	0345 6004902
Gas&Dual Fuel Cookers	0845 6004905	or	0345 6004905
Washing Machines & Dishwashers	0845 6004906	or	0345 6004906

Republic of Ireland

All Refrigeration, All Cookers Washing Machines & Dishwashers	01 862 3411

Before requesting service please check the trouble-shooting 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 please contact the Beko Customer Help-Line.
Tel: 0845 6004911
e-mail: service@beko.co.uk

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