

BUSH

Instruction manual

Dishwasher
DWFSEINT124W



You'll soon be enjoying your new dishwasher.

It all begins here, with your instructions. Don't worry, there's nothing too technical coming up. Just simple, step-by-step guidance to get you up and running quickly. Sound good? Then let's get started.

Help and Guidance

We're here to help you get the most from your Dishwasher.

Should you require any guidance, a simple solution can often be found online at:

www.bush-support.com

If you still require further assistance, call one of our experts on **0345 257 7271**.

ISSUE 1 29/01/2024

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Safety information 1


Icon	Type	Meaning
	WARNING	Serious injury or death risk
	RISK OF ELECTRIC SHOCK	Dangerous voltage risk
	FIRE	Fire risk
	CAUTION	Injury or property damage risk
	IMPORTANT / NOTE	Operating the system correctly




Safety information


Important - Please read these instructions fully before installing or operating. Keep this manual for future reference.


1.1 General Safety Warnings


 Please check the packaging of your machine before installation and the outer surface of the machine once the packaging has been removed. Do not operate the machine if it appears damaged or if the packaging has been opened.

- Packaging materials protect your machine from any damage that might occur during transportation. The packaging materials are environmentally friendly as they are recyclable. Use of recycled material reduces raw material consumption and decreases waste production.

 This appliance can be used by children aged from 8 years and above, and by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand hazards involved. Children should not be allowed to play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

 Remove packaging and keep it out of reach of children.


 Keep children away from detergents and rinse aids.

 There may be some residue left in the machine after washing. Keep children away from the machine when it is open.

1.2 Installation Warnings



- Choose a suitable and safe place to install your machine.
- Only original spare parts should be used with the machine.


  Unplug the machine before installation.

 Your machine must only be installed by an authorised service agent. Installation by anyone other than an authorised agent may cause your warranty to be void.

 Check that the indoor electrical fuse system is connected in line with safety regulations.

 All electrical connections must match the values on the plate.

  Ensure the machine does not stand on the electrical supply cable.



 Never use an extension cord or a multiple socket connection.

 **The plug and the water tap should be accessible after the machine is installed.**

After installation, run your machine unloaded for the first time.


  The machine must not be plugged in during positioning.


 Always use the coated plug supplied with your machine.

  If the electrical cable is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.


1.3 During Use

This machine is for domestic use only; do not use it for other purposes. Commercial use will void the guarantee.


 Do not stand, sit or place loads on the open door of the dishwasher.

 Only use detergents and rinse aids produced specifically for dishwashers. Our company is not responsible for any damage that may occur due to misuse.

 Do not drink water from the machine.

 Due to the danger of explosion, do not place any chemical dissolving agents into the machine's washing section.

Check the heat-resistance of plastic items before washing them in the machine.

 Only put items in the machine which are suitable for dishwashing and take care not to overfill the baskets.



Safety information

Important - Please read these instructions fully before installing or operating. Keep this manual for future reference.



Do not open the door while the machine is in operation, hot water may spill out. Safety devices ensure the machine stops if the door is opened.



The machine door should not be left in the open position since this could present a tripping hazard.



Knives and other utensils with sharp points must be loaded in the basket with their points down or placed in a horizontal position.



For models with the automatic door-opening system, when the EnergySave option is active, the door will open at the end of a program. To prevent damage to your dishwasher, do not attempt to close the door for one minute after it has opened. For effective drying, keep the door open for 30 minutes after a programme has ended. Do not stand in front of the door after the auto-open signal sounds.



In the case of a malfunction, repair should only be performed by an authorised service agent, otherwise the warranty will be void.



Before cleaning and maintenance, the machine should be disconnected from the mains. Do not pull the cable to unplug the machine. Switch off the water tap.



Operation at a low voltage will cause a decline in performance levels. To avoid loading the dishwasher incorrectly, always refer to the section of Using Your Dishwasher before operation.



For safety, disconnect the plug once a program has finished.



To avoid an electric shock, do not unplug the machine with wet hands.



Pull the plug to disconnect the machine from the mains, never pull on the cord.



The maximum number of place settings to be washed is 12.



The maximum inlet water pressure is 1.00MPa.



The minimum inlet water pressure is 0,04MPa.



The new hose-sets supplied with the machine are to be used and any old hose-sets should not be reused.



For safety reason, unplug the power cord from the wall outlet and switch off the water tap if the machine will not be used for an extended period of time such as holidays.



Cord entanglement hazard. The cable of the appliance can give rise to risks of entanglement, strangulation or tripping if not correctly placed. You must make sure that the electric cable is positioned safely.

Getting to know your Dishwasher 2

Getting to know your Dishwasher

You'll be up and running in no time

Ready? Let's begin...

Please read these instructions carefully. They contain important information which will help you get the best from your dishwasher and ensure safe and correct installation and operation.

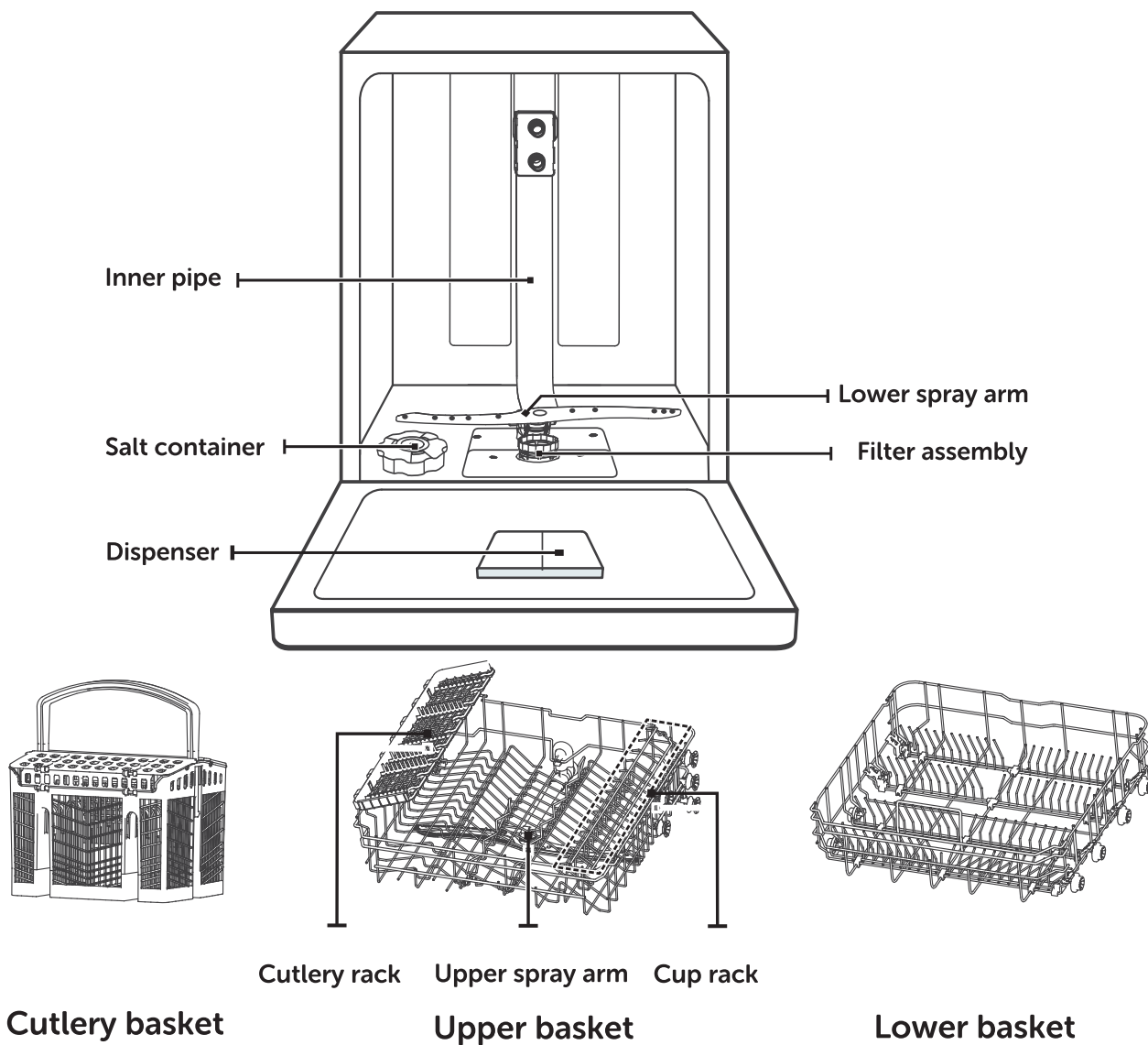
If you require any further assistance, our technical experts are happy to help. For full details, refer to the product support section at the end of these instructions.

If you require any technical guidance or find that your product is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions,

Getting to know your Dishwasher

You'll be up and running in no time

Product Overview



Accessories

- Salt funnel x1



- Accessory bag x1 (including installation kit, user manual, door installation drawing, etc.)



NOTE: Pictures are only for reference, different models may be different. We apologise for any inconvenience caused by any minor inconsistencies in these instructions, which may occur as a result of product improvements and development.

or online at www.bush-support.com If you still require further assistance, call one of our experts on **0345 257 7271**.

Getting to know your Dishwasher

You'll be up and running in no time

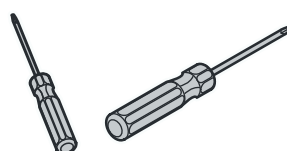
Technical Specifications

Capacity	12 place settings
Dimensions Height Width Depth	815mm 598mm 550mm
Net weight	30,7 kg
Operating voltage / frequency	220-240V~ 50 Hz
Total power	1760-2100W
Water supply pressure	Maximum:1.00MPa Minimum:0.04 MPa
Maximum load	Upper basket: 9kg Lower basket: 25kg

Tools

You may use these tools (not supplied) to help the installation.

- Glove
- slotted screwdriver
- Phillips screwdriver

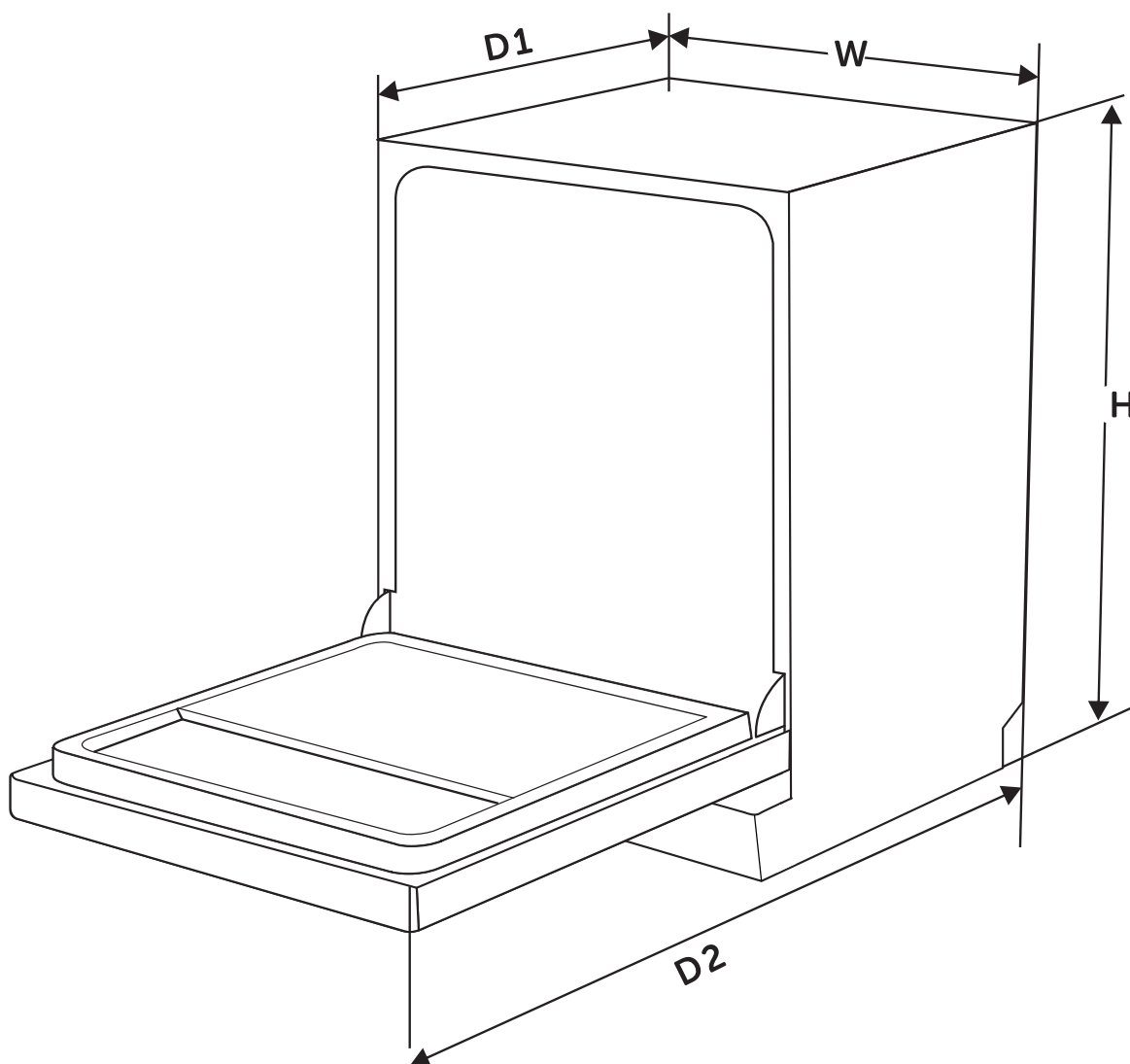


If you require any technical guidance or find that your product is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions.

Getting to know your Dishwasher

You'll be up and running in no time

Product Dimensions



Height (H)	815mm
Width (W)	598mm
Depth (D1)	550mm (with the door closed)
Depth (D2)	1150mm (with the door opened 90°)

Installing your Dishwasher 3

Installing your Dishwasher

Bringing it all together


3.1 Positioning your Machine

When installing the machine, the mains plug of the power cord and the water tap must be freely accessible. When positioning the machine, place it in an area where dishes can be easily loaded and unloaded. Do not put the machine in an area where the ambient temperature falls below 0°C.

Read all warnings located on the packaging before removing the packaging and positioning the machine. Place the machine close to a water tap and drain. Take into consideration that the connections will not be altered once the machine is in position.

Do not hold the machine by its door or panel.

Leave an adequate distance around the machine to allow ease of movement when cleaning.

 Ensure the water inlet and outlet hoses are not squeezed or trapped and that the machine does not stand on the electrical cable while positioning.

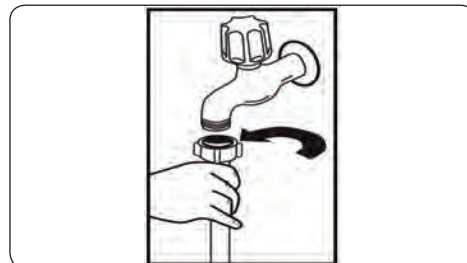
Adjust the feet so the machine is level and balanced. The machine should be placed on flat ground otherwise it will be unstable and the door of the machine will not close properly.


3.2 Water Connection


We recommend fitting a filter to your water inlet supply in order to prevent damage to your machine due to contamination (sand, rust, etc.) from indoor plumbing. This will also help prevent yellowing and deposit formation after washing.


Note printing on the water inlet hose!
If models are marked with 25°, the water temperature may be max. 25 °C (cold water).
For all other models:
Cold water preferred; hot water max. temperature 60 °C.


3.3 Water inlet hose

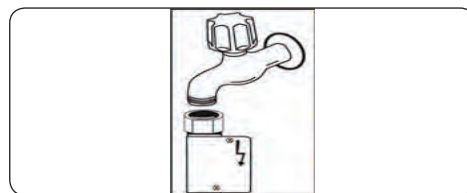



 **WARNING:** Use the new water inlet hose supplied with your machine, do not use an old machine's hose.

 **WARNING:** Run water through the new hose before connecting.

 **WARNING:** Connect the hose directly to the water inlet tap. The pressure supplied by the tap should be a minimum of 0.04 MPa and a maximum of 1.00 MPa. If the pressure exceeds 1.00 MPa, a pressure relief valve must be fitted between the connection.

 **WARNING:** After the connections are made, turn the tap on fully and check for water leaks. Always turn off the water inlet tap after a wash program has finished.



 An Aquastop water spout is available with some models. Do not damage it or allow it to become kinked or twisted.

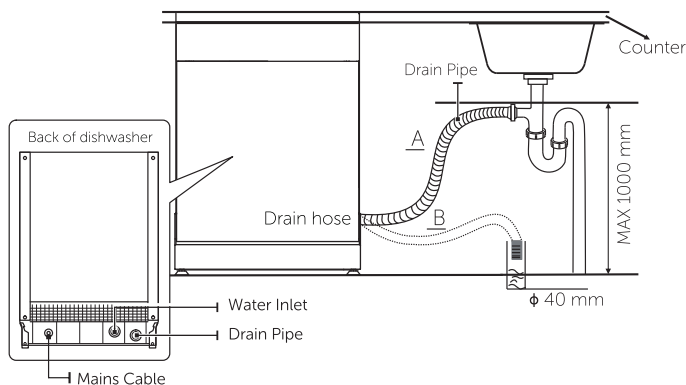
Installing your Dishwasher

Bringing it all together

3.4 Connection Of Drain Hoses

Insert the drain hose into a drain pipe with a minimum diameter of 4 cm, or let it run into the sink, making sure to avoid bending or crimping it. The height of drain pipe must be less than 1000 mm. The free end of the hose must not be immersed in water to avoid the back flow of it.

⚠ Please securely fix the drain hose in either position A or position B.



How to drain excess water from hoses

If the connection to the drain pipe is positioned higher than 1000 mm, excess water may remain in the drain hose. It will be necessary to drain excess water from the hose into a bowl or suitable container that is held outside and lower than the sink.

Water outlet

Connect the water drain hose. The drain hose must be correctly fitted to avoid water leaks. Ensure that the water drain hose is not kinked or squashed.

Extension hose

If you need a drain hose extension, make sure to use a similar drain hose. It must not be longer than 4 meters, otherwise the cleaning effect of the dishwasher could be reduced.

Syphon connection

The waste connection must be at a height less than 1000 mm(maximum) from the bottom of the dishwasher.

3.5 Electrical Connection

⚠ **WARNING:** Your machine is set to operate at 220-240 V. If the mains voltage supply to your machine is 110 V, connect a transformer of 110/220 V and 3000 W between the electrical connection.

⚠ **Connect the product to a grounded outlet protected by a fuse complying with the values in the "Technical Specifications" table.**

⚠ **The earthed plug of the machine must be connected to an earthed outlet supplied by suitable voltage and current.**

⚠ **In the absence of earthing installation, an authorised electrician should carry out an earthing installation. In the case of use without earthing installed, we will not be responsible for any loss of use that may occur.**

⚠ **The plug on this appliance incorporates a 13A fuse.**

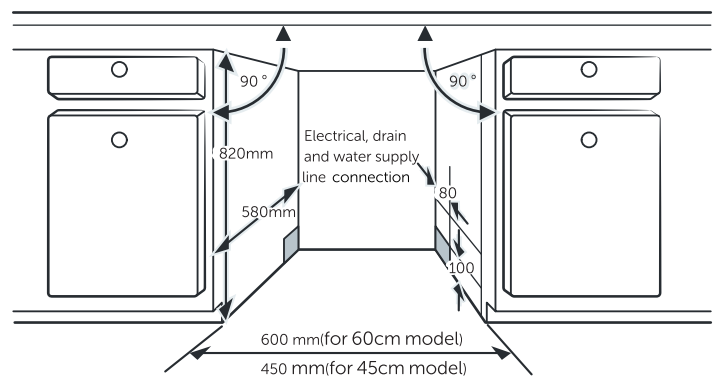
3.6 Built-In Installation Steps

Step 1. Selecting the best location for the dishwasher

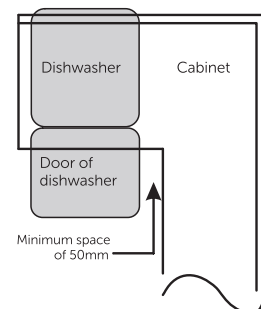
The installation position of the dishwasher should be near the existing inlet and drain hose and power socket.

Illustrations of cabinet dimensions and installation position of the dishwasher.

1. Please ensure that the gap between the top of dishwasher the cabinet is less than 5mm. And please align the dishwasher to the cabinet.



2. If dishwasher is installed at the corner of the cabinet, there should be some space when the door is opened.



NOTE:

Depending on where your electrical outlet is, you may need to cut a hole in the opposite cabinet side.

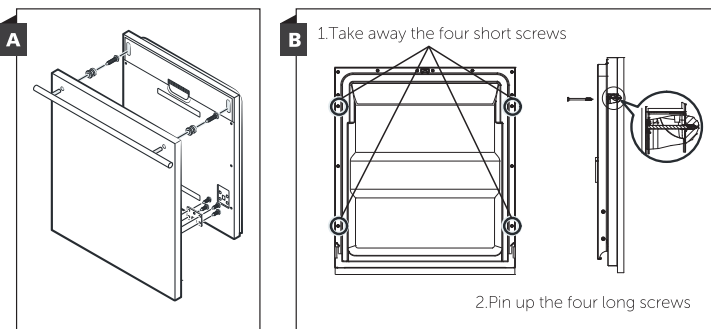
Installing your Dishwasher

Bringing it all together

Step 2. Aesthetic panel's dimensions and installation

Follow the specific installation instruction for attaching the aesthetical door panel.

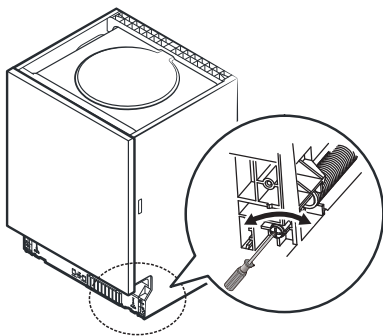
Install the hook on the aesthetic panel and put the hook into the slot of the outer door of dishwasher (see figure A). After positioning of the panel, fix the panel onto the outer door by screws and bolts (See figure B).



Step 3. Tension adjustment of the door spring

1. The door springs are set at the factory to the proper tension for the outer door. If aesthetic panel are installed, you will have to adjust the door spring tension. Rotate the adjusting screw to drive the adjustor to strain or relax the steel cable.

2. Door spring tension is correct when the door remains horizontal in the fully opened position, yet rises to a close with the slight lift of a finger.



Step 4. Installing the dishwasher

Please refer to the specific installation steps shown in the door installation drawings.

1. Affix the condensation strip under the work surface of cabinet. Please ensure the condensation strip is flush with edge of work surface. (Figure 2)
2. Connect the inlet hose to the cold water supply.
3. Connect the drain hose.
4. Connect the power cord.
5. Place the dishwasher into the cabinet.

6. Level the dishwasher. The rear foot can be adjusted from the front of the dishwasher by turning the Philips screw in the middle of the base of dishwasher by a Philips screw driver. To adjust the front feet, use a flat screw driver and turn the front feet until the dishwasher is level. (Figure 5 to Figure 6)

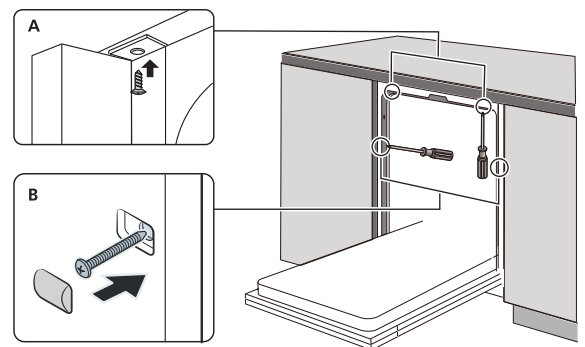
7. Install the furniture door to the outer door of the dishwasher. (Figure 7 to Figure 10)

8. Adjust the tension of the door springs by using a Philips screw driver turning in a clockwise motion to tighten the left and right door springs. Failure to do this could cause damage to your dishwasher. (Figure 11)

9. The dishwasher must be secured in place. There are two ways to do this:

A. Normal work surface: Put the installation hook into the slot of the side plane and secure it to the work surface with the screws.

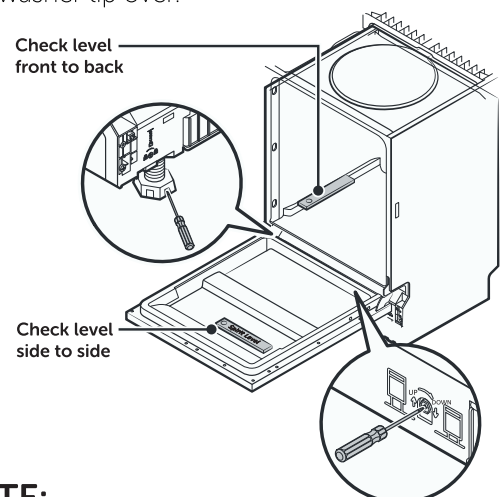
B. Marble or granite work top: Fix the side with screws.



Step 5. Levelling the dishwasher

Dishwasher must be level for proper dish rack operation and wash performance.

1. Place a spirit level on door and rack track inside the tub as shown to check that the dishwasher is level.
2. Level the dishwasher by adjusting the three levelling feet individually.
3. When level the dishwasher, please pay attention not to let the dishwasher tip over.



NOTE:

The maximum adjustment height of the feet is 50 mm.

Functions 4

Functions

Simple everyday use






4.1 The Control Panel



Operation (Button)

1 Power	Press this button to turn on your dishwasher.
2 Program	Press this button to select the appropriate washing program, the program indicator will be lit.
3 Delay	Press the button to set the delay time.

Display

4 Program indicator	<div>Intensive Heavily soiled items include pots and pans. With dried on food.</div> <div>Universal For normally soiled loads, such as pots, plates, glasses and lightly soiled pans.</div> <div>Eco ECO This is the standard program suitable for normally soiled loads, such as pots, plates, glasses and lightly soiled pans.</div> <div>Rapid A shorter wash for lightly soiled loads that do not need drying.</div>
5 Warning indicator	<div>Rinse Aid If the "❄️" indicator is lit, it means the dishwasher is low on dishwasher rinse aid and requires a refill.</div> <div>Salt If the "⚗️" indicator is lit, it means the dishwasher is low on dishwasher salt and needs to be refilled.</div>
4 Delay time	To show the delay time(3h/6h/9h).

Functions

Simple everyday use

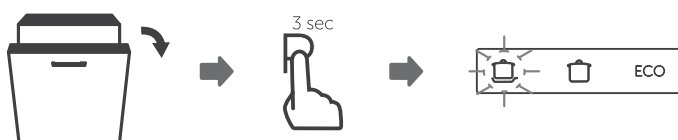
4.2 Operating the machine

1. Draw out the lower and upper basket, load the dishes and push them back.
It is recommended to load the lower basket first, then the upper one.
2. Pour in the detergent.
3. Insert the plug into the socket. Make sure that the water supply is turned on to full pressure.
4. Open the door, press the Power button.
5. Choose a program, the response light will turn on. Then close the door, the dishwasher will start its cycle automatically.

4.3 Changing the program in mid-cycle

A program can only be changed if it has been running only for a short period of time, otherwise the detergent may have already been released or the wash water with detergent has already been drained. If this is the case, the dishwasher needs to be reset and the detergent dispenser must be refilled. To reset the dishwasher, follow the instructions below:

1. Open the door a little to stop the dishwasher, after the spray arm stopped working, you can open the door completely.
2. Press Program button more than three seconds the machine will be in **program selection mode**.
3. You can change the program to the desired cycle setting.



⚠ WARNING




It is dangerous to open the door mid-cycle, as hot steam may scald you.

4.4 Forget to add a dish?

A forgotten dish can be added any time before the detergent dispenser opens. If this is the case, follow the instructions below:

1. Open the door a little to stop the washing.
2. After the spray arms stopped working, you can open the door completely.
3. Add the forgotten dishes.
4. Close the door.
5. The dishwasher will start running again.



 If the dishes are not intended to be offloaded right after washing, it is recommended to open the door slightly to air it out in order to keep any smell at bay and keep the dishes dry.




Functions

Simple everyday use

Programme Table

The table below shows which programs are best for the levels of food residue on them and how much detergent is needed. It also show various information about the programs. Consumption values and program duration are only indicative except for ECO program.

(●) indicates that the program uses rinse aid in the last rinse.

Program	Description Of Cycle	Detergent Pre/ Main Wash	Running Time(min)	Energy (kWh)	Water (L)	Rinse Aid
 Intensive	Pre-wash(50°C) Wash(65°C) Rinse Rinse Rinse(65°C) Drying	$\frac{4/16g}{1 \text{ or } 2 \text{ tabs}}$	205	1.621	17.8	●
 Universal	Pre-wash(45°C) Wash(55°C) Rinse Rinse(65°C) Drying	$\frac{4/16g}{1 \text{ or } 2 \text{ tabs}}$	175	1.302	14.3	●
ECO (*EN60436)	Wash(45°C) Rinse Rinse(60°C) Drying	$\frac{4/16g}{1 \text{ or } 2 \text{ tabs}}$	220	0.923	11.0	●
 Rapid	Wash(50°C) Rinse Rinse(45°C)	$\frac{20g}{1 \text{ or } 2 \text{ tabs}}$	30	0.751	11.2	○

NOTE:

ECO : The ECO program is suitable to clean normally soiled tableware, that for this use, it is the most (*EN60436) efficient program in terms of its combined energy and water consumption, and it is used to assess compliance with the EU ecodesign legislation.

Saving Energy

1. Pre-rinsing of tableware items leads to increased water and energy consumption and is not recommended.
2. Washing tableware in a household dishwasher usually consumes less energy and water in the use phase than hand dishwashing when the household dishwasher is used according to the instructions.

Using your Dishwasher

5

Using your Dishwasher

Getting the most from your appliance

5.1. Preparing your dishwasher for first use

- Make sure the electricity and supply water specifications match the values indicated in the installation instructions for the machine.
- Remove all packaging material inside the machine.
- Set the water softener level.
- Fill the rinse aid compartment.

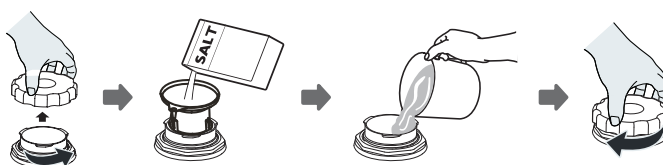
5.2 Salt usage

For a good washing function, the dishwasher needs soft, i.e. less calcareous water. Otherwise, White lime residues will remain on the dishes and the interior equipment. This will negatively affect your machine's washing, drying and shining performance. When water flows through the softener system, the ions forming the hardness are removed from the water and the water reaches the softness required to obtain the best washing result. Depending on the level of hardness of the inflowing water, these ions that harden the water accumulate rapidly inside the softener system. Therefore, the softener system has to be refreshed so that it operates with the same performance also during the next wash. For this purpose, dishwasher salt is used.

Machine can only be used by special dishwasher salt to soften the water. Do not use any small grained or powdered type of salts which can easily soluble. Using any other type of salt can damage your machine.

5.3. Fill the salt

Please follow the steps below for adding dishwasher salt:



1. Remove the lower basket and unscrew the reservoir cap.
2. Place the end of the funnel (if supplied) into the hole and pour in about 1.5 kg of dishwasher salt.
3. Fill the salt container to its maximum limit with water, It is normal for a small amount of water to come out of the salt container.
4. After filling the container, screw back the cap tightly.
5. The salt warning light will turn off after the salt container has been filled with salt.
6. Immediately after filling the salt into the salt container, a washing program should be started (recommend to use a short program). Otherwise the filter system, pump or other important parts of the machine may be damaged by salty water. This is out of warranty.


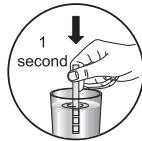








NOTE:

- The salt container must only be refilled when the salt warning light (⚡) in the control panel comes on. Depending on how well the salt dissolves, the salt warning light may still be on even though the salt container is filled.
If there is no salt warning light in the control panel (for some models), you can estimate when to fill the salt into the softener by the cycles that the dishwasher has run.
- If salt has spilled, run a soak or quick program to remove it.

Using your Dishwasher

Getting the most from your appliance

5.4. Test Strip

Run water through the tap (1min.)	Keep the strip in the water (1sec)	Shake the strip.	Wait (1min.)	Set the hardness level of your machine.
				<div>1 </div> <div>2 </div> <div>3 </div> <div>4 </div> <div>5 </div> <div>6 </div>

NOTE: The default hardness level setting is "3". If the water is well water or has a hardness level above 90 dF, we recommend that you use filter and refinement devices.

5.5. Water Hardness Table

WATER HARDNESS				Water softner level	Regeneration occurs every X program sequence ¹⁾	Salt consumption (gram/cycle)
German °dH	French °fH	British °Clarke	Mmol/			
0 - 5	0 - 9	0 - 6	0 - 0.94	H1-> Rapid Light bright	No regeneration	0
6 - 11	10 - 20	7 - 14	1.0 - 2.0	H2-> ECO Light bright	10	9
12 - 17	21 - 30	15 - 21	2.1 - 3.0	H3-> ECO, Rapid Light bright	5	12
18 - 22	31 - 40	22 - 28	3.1 - 4.0	H4-> Universal Light bright	3	20
23 - 34	41 - 60	29 - 42	4.1 - 6.0	H5-> Universal, Rapid Light bright	2	30
35 - 55	61 - 98	43 - 69	6.1 - 9.8	H6-> Universal, ECO Light bright	1	60

1°dH=1.25 °Clarke=1.78 °fH=0.178mmol/l

The default setting: H3

- ¹⁾ Every cycle with a regeneration operation consumes additional 2.0 litres of water, the energy consumption increases by 0.02 kWh and the program extents by 4 minutes.

5.6. Water Softener System

The dishwasher is equipped with a water softener which reduces the hardness in the mains water supply. To find out the hardness level of your tap water, contact your water company or use a test strip (if available).

Using your Dishwasher

Getting the most from your appliance

5.7. Adjusting salt consumption

The dishwasher is designed to allow for adjustment in the amount of salt consumed based on the hardness of the water used. This is intended to optimise and customise the level of salt consumption. Please follow the steps below for adjustment in salt consumption.

1. **Open the door and switch on the appliance.**
2. Within 60 seconds after the appliance was switched on press the program button for more than 5 seconds to enter the water softener setting mode.
3. Press the program button again to select the proper set according to your local environment, the setting will change in the following sequence.
H1->Rapid Light bright
H2->ECO Light bright
H3->ECO, Rapid Light bright
H4->Universal Light bright
H5->Universal, Rapid Light bright
H6->Universal, ECO Light bright).
4. Press the Power button to end the setting mode.

5.8. Detergent usage

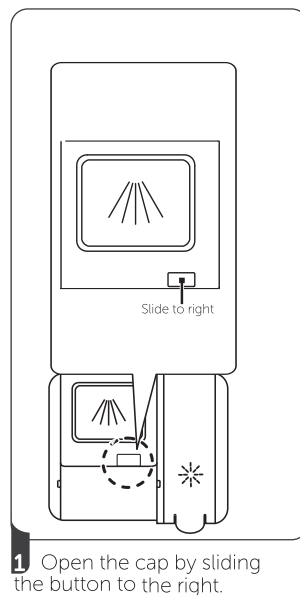
Only use detergents specifically designed for domestic dishwashers. Keep your detergents in cool, dry places out of reach of children.

Add the proper detergent for the selected program to ensure the best performance. The amount of detergent needed depends on the cycle, load size, and soil level of dishes.

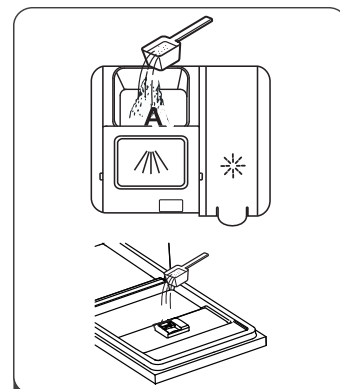
Do not fill detergent into the detergent compartment more than required; otherwise you can see whitish streaks or bluish layers on glass and dishes and may cause glass corrosion. Continued use of too much detergent may cause machine damage.

Using little detergent can result in poor cleaning and you can see whitish streaks in hard water. See the detergent manufacturer's instructions for a further information.

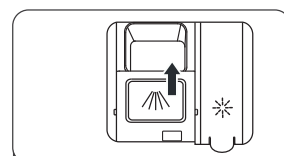
5.9. Filling the detergent



1 Open the cap by sliding the button to the right.



2 Add detergent into the larger cavity (A) for the main wash cycle. For better cleaning result, especially if you have very dirty items, pour a small amount of detergent onto the door. The additional detergent will activate during the pre-wash phase.



3 Close the flap by sliding it to the front and then pressing it down.

NOTE:

- Be aware that depending on the soiling of water, setting may be different.
- Please observe the manufacturer's recommendations on the detergent packaging.

Using your Dishwasher

Getting the most from your appliance

5.10. Using combined detergents

These products should be used according to the manufacturer's instructions.

Never put combined detergents into the interior section or the cutlery basket.

Combined detergents contain not only the detergent but also rinse-aid, salt replacement substances and additional components depending on the combination.

We recommend you do not use combined detergents in short programmes. Please use powder detergents in such programmes.

If you encounter problems when using combined detergents, please contact the detergent manufacturer.

When you stop using combined detergents, make sure that water hardness and rinse aid settings are set to the correct level.

5.11. Rinse-aid usage

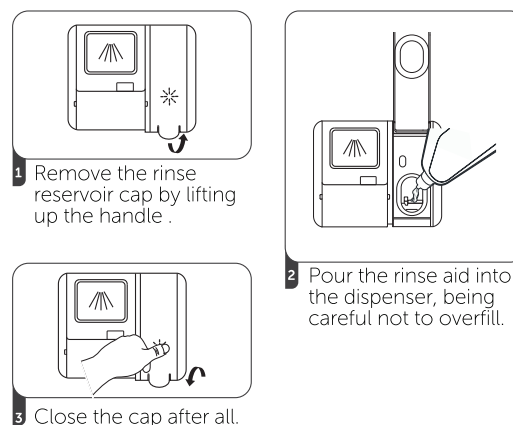
The rinse aid helps to dry the dishes without streaks and stains. Rinse-aid is required for stain-free utensils and clear glasses. The rinse aid is automatically released during the hot rinse phase. If rinse aid dosage setting set too low, whitish stains remains on dishes and dishes do not dry and washed clean. If rinse aid dosage setting set too height, you can see bluish layers on glass and dishes.

When to refill the rinse aid ?

The regularity of the dispenser needing to be refilled depends on how often dishes are washed and the rinse aid setting used.

- The Low Rinse Aid indicator (☼) will be lit when more rinse aid is needed.
- Do not overfill the rinse aid dispenser.

5.12. Filling the rinse -aid and setting



Adjusting the rinse aid reservoir

To achieve a better drying performance with limited rinse aid, the dishwasher is designed to adjust the consumption by user. Follow the below steps.

1. Open the door and switch on the appliance.
2. Within 60 seconds after step 1, press the Program button more than 5 seconds, and then press the Delay button to enter the set model, the rinse aid indication blinks as 1Hz frequency.
3. Press the Program button to select the proper set according to your using habits, the sets will change in the following sequence: D1->D2->D3->D4->D5->D1. The higher the number, the more rinse aid the dishwasher uses.

D1->Rapid Light bright
D2->ECO Light bright
D3->ECO, Rapid Light bright
D4->Universal Light bright
D5->Universal, Rapid Light bright
4. Press the Power button to end the set up model.

NOTE:

- The default setting is D3.

Using your Dishwasher

Getting the most from your appliance

Loading your dishwasher

For best results, follow these loading guidelines.


Loading the household dishwasher up to the capacity indicated by the manufacturer will contribute to energy and water savings.


Manual pre-rinsing of tableware items leads to increased water and energy consumption and is not recommended. You can place cups, glasses, stemware, small plates, bowls, etc. in upper basket. Do not lean long glasses against one another or they cannot remain steady and may receive damage. When placing long stem glasses and goblets, lean them against the basket edge or rack and not against other items.

Place all containers such as cups, glasses and pots into the dishwasher with the opening facing downwards otherwise water can collect on items.

If there is cutlery basket in machine, you are recommended to use the cutlery grid in order to obtain the best result. Place all large (pots, pans, lids, plates, bowls etc.) and very dirty items in the lower rack.

Dishes and cutlery should not be placed above each other.


 **WARNING:** Take care not to obstruct the rotation of spray arms.

 **WARNING:** Make sure after loading the dishes do not prevent opening the detergent dispenser.

Recommendations

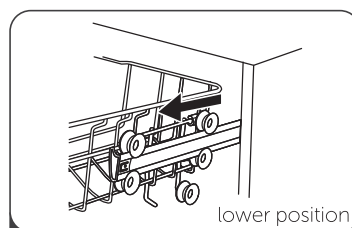
Remove any coarse residue on dishes before placing the dishes in the machine. Start the machine with full load.

 Do not overload the drawers or place dishes in the wrong basket.

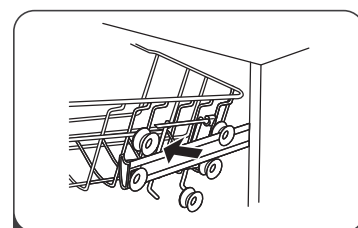
 **WARNING:** To avoid any possible injuries, place long-handle and sharp-pointed knives with their sharp points facing down or horizontally on the baskets.

Upper Basket Height adjustment

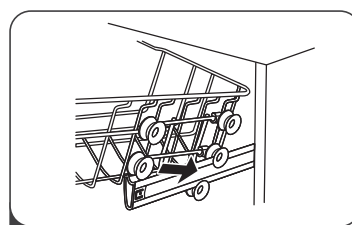
The height of the upper basket can be easily adjusted to accommodate taller dishes in either the upper or lower basket. To adjust the height of the upper rack, follow these steps:



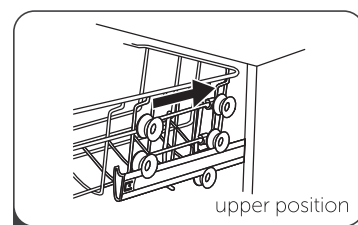
1 Pull out the upper basket.



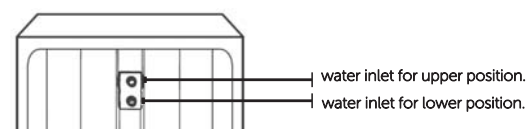
2 Remove the upper basket.




3 Re-attach the upper basket to upper or lower rollers.



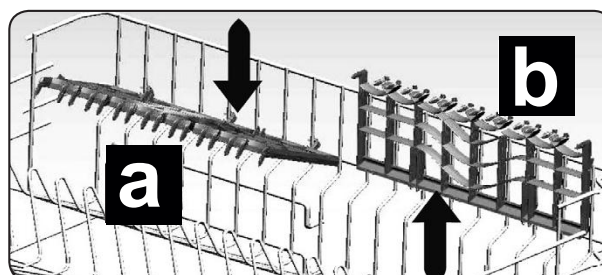
4 Push in the upper basket.



 Please make sure the spray arm is well connect to the water inlet after the height adjustment. Otherwise, there may not have water coming out from the spray arm and would lead to a poor cleaning performance result..

Top basket Fixed Rack

Upper basket racks have two positions: open (a) and closed (b). You can place cups on the racks to be washed. You can also place long forks, knives and spoons on the racks laterally.



Using your Dishwasher

Getting the most from your appliance

LOADING THE BASKETS ACCORDING TO EN60436:



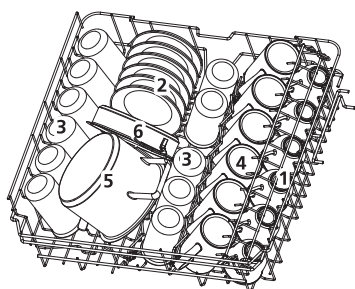
Important Note for Test Laboratories

For detailed information required for tests according to EN normatives and a softcopy of the manual, please send the model name and serial number to the following address:

dishwasher@standardtest.info

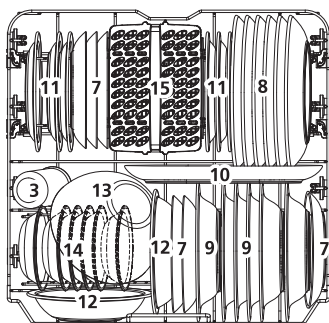
Loading the dishwasher to its full capacity will contribute to energy and water savings.

1.Upper basket:



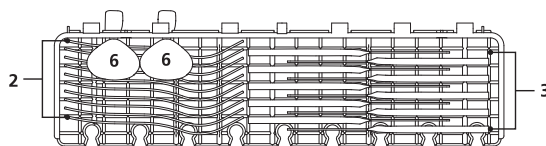
Number	Item
1	Cups
2	Saucers
3	Glasses
4	Mugs
5	Small pot
6	Oven pot

2.Lower basket:



Number	Item
7	Dessert plates
8	Dinner plates
9	Soup plates
10	Oval platter
11	Melamine dessert plates
12	Melamine bowls
13	Glass bowl
14	Dessert bowls
15	Cutlery basket

3.Cutlery rack:

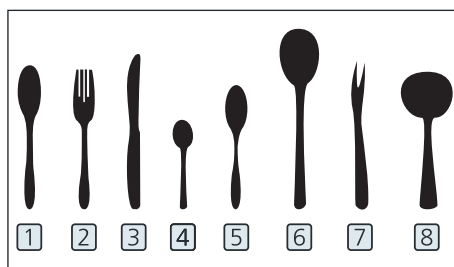
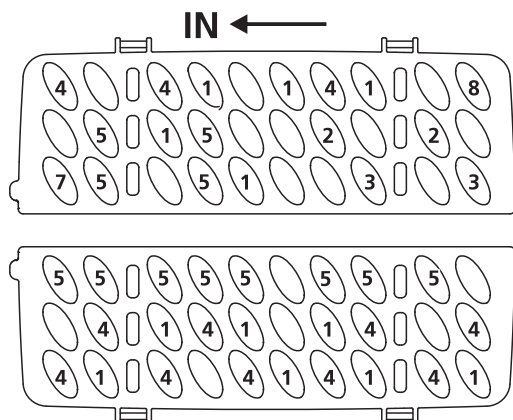


NOTE:

Please place the light flat wares on the shelf.

The maximum loading weight is 1.5kg.

4.Cutlery basket:



Number	Item
1	Soup spoons
2	Forks
3	Knives
4	Tea spoons
5	Dessert spoons
6	Serving spoons
7	Serving fork
8	Gravy ladle

Information for comparability tests in accordance with EN60436
Capacity: 12 place settings
Position of the upper basket: lower position
Program: ECO
Rinse aid setting: Max
Softener setting: H3

Important: Incorrect loading can cause poor washing and drying performance. Please follow the manufacturer's recommendations for a good performance result.

Care and maintenance 6

Care and maintenance

Looking after your appliance

Cleaning

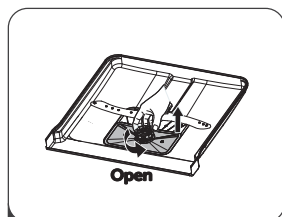
Cleaning your dishwasher is important to maintain the machine's service life. Make sure that the water softening setting (If available) is done correctly and correct amount of detergent is used to prevent limescale accumulation. Refill the salt compartment when the salt sensor light comes on.

Oil and limescale may build up in your Dishwasher over time. If this occurs:

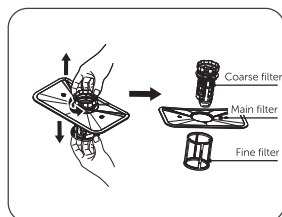
- Fill the detergent compartment but do not load any dishes. Select a programme which runs at high temperature and run the Dishwasher empty. If this does not clean your Dishwasher sufficiently, use a cleaning agent designed for use with dishwashers.
- To extend the life of your dishwasher, clean the appliance regularly on each month.
- Wipe the door seals regularly with a damp cloth to remove any accumulated residue or foreign objects.

6.1. Filters

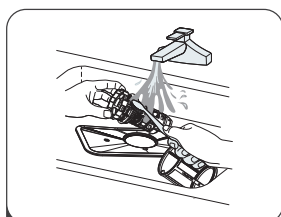
Clean the filters and spray arms at least once a week. If any food waste remains or foreign objects on the coarse and fine filters, remove them and clean them thoroughly with water.



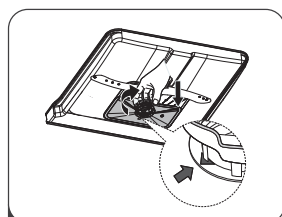
- 1 Hold the coarse filter and rotate it anticlockwise to unlock the filter. Lift the filter upwards and out of the dishwasher.



- 2 The fine filter can be pulled off the bottom of the coarse filter assembly. The coarse filter can be detached from the main filter by gently squeezing the tabs at the top and pulling it away.



- 3 Larger food remnants can be cleaned by rinsing the filter under running water. For a more thorough clean, use a soft cleaning brush.

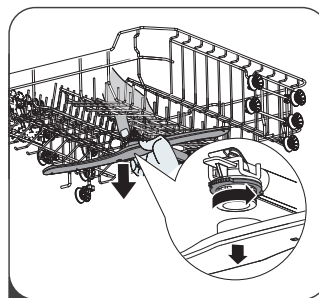


- 4 Reassemble the filters in the reverse order of the disassembly, replace the filter insert, and rotate clockwise to the close arrow.

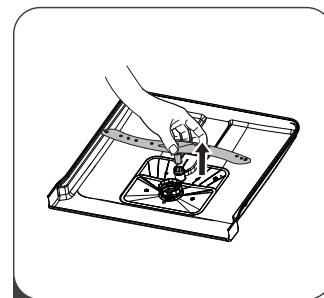
6.2. Spray arms

Make sure that the spray holes are not clogged and that no food waste or foreign object is stuck to the spray arms. If there is any clogging, remove the spray arms and clean them under water.

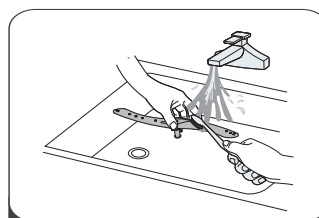
To clean the spray arms, follow the instructions below:



- 1 To remove the upper spray arm, hold the nut in the center still and rotate the spray arm counterclockwise to remove it.



- 2 To remove the lower spray arm, pull out the spray arm upward.



- 3 Wash the arms in soapy and warm water and use a soft brush to clean the jets.

6.3. Drain Pump

Large food residues or foreign objects which were not captured by the filters may block the waste water pump. The rinsing water will then be above the filter.

⚠ Warning Risk of cuts!

When cleaning the waste water pump, ensure that you do not injure yourself on pieces of broken glass or pointed implements.

In this case:

1. First always disconnect the appliance from the power supply.
2. Take out baskets.
3. Remove the filters.
4. Scoop out water, use a sponge if required.
5. Check the area and remove any foreign objects.
6. Install filters.
7. Re-insert baskets.

Product support 7

Product support

Help is always at hand

Troubleshooting

Before Calling For Service

Reviewing the charts on the following pages may save you from calling for service.

Problem	Possible Causes	What To Do
Dishwasher doesn't start	Fuse blown, or the circuit break tripped.	Replace fuse or reset circuit breaker. Remove any other appliances sharing the same circuit with the dishwasher.
	Power supply is not turned on.	Make sure the dishwasher is turned on and the door is closed securely. Make sure the power cord is properly plugged into the wall socket.
	Water pressure is low	Check that the water supply is connected properly and the water is turned on.
	Door of dishwasher not properly closed.	Make sure to close the door properly and latch it.
Water not pumped from dishwasher	Twisted or trapped drain hose.	Check the drain hose.
	Filter clogged.	Check the filter system.
	Kitchen sink clogged.	Check the kitchen sink to make sure it is draining well. If the problem is the kitchen sink that is not draining , you may need a plumber rather than a serviceman for dishwashers.
Foam in the tub	Wrong detergent.	Use only the special dishwasher detergent to avoid suds. If this occurs, open the dishwasher and let suds evaporate. Add 1 liter of cold water to the bottom of the dishwasher. Close the dishwasher door, then select any cycle. Initially, the dishwasher will drain out the water. Open the door after draining stage is complete and check if the suds have disappeared. Repeat if necessary.

If you require any technical guidance or find that your product is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions.

Product support

Help is always at hand

Troubleshooting

Problem	Possible Causes	What To Do
	Spilled rinse aid.	Always wipe up rinse aid spills immediately.
Stained tub interior	Detergent with colourant may have been used.	Make sure that the detergent has no colourant.
White film on inside surface	Hard water minerals.	To clean the interior, use the damp soft cloth with dishwasher detergent and wear rubber gloves. Never use any other cleaner than dishwasher detergent otherwise, it may cause foaming or suds.
There are rust stains on cutlery	The affected items are not corrosion resistant.	Avoid washing items that are not corrosion resistant in the dishwasher.
	A program was not run after dishwasher salt was added. Traces of salt have gotten into the wash cycle.	Always run a wash program without any crockery after adding salt. Do not select the Turbo function (if present), after adding dishwasher salt.
	The lid of the softer is loose.	Check the softener lid is secure.
Knocking noise in the dishwasher	A spray arm is knocking against an item in a basket	Interrupt the program and rearrange the items which are obstructing the spray arm.
Rattling noise in the dishwasher	Items of crockery are loose in the dishwasher.	Interrupt the program and rearrange the items of crockery.
Knocking noise in the water pipes	This may be caused by on-site installation or the cross-section of the piping.	This has no influence on the dishwasher function. If in doubt, contact a qualified plumber.
The dishes are not clean	The dishes were not loaded correctly.	See PART II "Preparing And Loading Dishes".
	The program was not powerful enough.	Select a more intensive program.

Product support

Help is always at hand

Troubleshooting

Problem	Possible Causes	What To Do
The dishes are not clean.	Not enough detergent was dispensed.	Use more detergent, or change your detergent.
	Items are blocking the movement of the spray arms.	Rearrange the items so that the spray can rotate freely.
	The filter combination is not clean or is not correctly fitted in the base of wash cabinet. This may cause the spray arm jets to get blocked.	Clean and/or fit the filter correctly. Clean the spray arm jets.
Cloudiness on glassware.	Combination of soft water and too much detergent.	Use less detergent if you have soft water and select a shorter cycle to wash the glassware and to get them clean.
White spots appear on dishes and glasses.	Hard water area can cause limescale deposits.	Check water softener settings or fill status of salt container.
Black or grey marks on dishes	Aluminium utensils have rubbed against dishes	Use a mild abrasive cleaner to eliminate those marks.
Detergent left in dispenser	Dishes block detergent dispenser	Re-loading the dishes properly.
The dishes aren't drying	Improper loading	Use gloves if detergent residue can be found on dishes to avoid skin irritations.
	Dishes are removed too soon	Do not empty your dishwasher immediately after washing. Open the door slightly so that the steam can come out. Take out the dishes until the inside temperature is safe to touch. Unload the lower basket first to prevent the dropping water from the upper basket.

If you require any technical guidance or find that your product is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions.

Product support

Help is always at hand

Troubleshooting

Problem	Possible Causes	What To Do
The dishes aren't drying	Wrong program has been selected.	With a short program, the washing temperature is lower, decreasing cleaning performance. Choose a program with a long washing time.
	Use of cutlery with a low-quality coating.	Water drainage is more difficult with these items. Cutlery or dishes of this type are not suitable for washing in the dishwasher.

WARNING

Self-repair or non-professional repair may cause serious risks to the safety of the user of the appliance and impact warranty.

Product support

Help is always at hand

AUTOMATIC FAULT WARNINGS AND WHAT TO DO

If there is a malfunction the dishwasher will display an error code. The following table shows possible error codes and their causes.

Codes	Meanings	Possible Causes
The Rapid light flicker fleetly	Longer inlet time.	Faucets is not opened, or water intake is restricted, or water pressure is too low.
The ECO and Rapid light flicker fleetly	Not reaching required temperature.	Malfunction of heating element .
The Universal light flicker fleetly	Overflow.	Some element of dishwasher leaks.

⚠ WARNING

- If overflow occurs, turn off the main water supply before calling a service.
- If there is water in the base pan because of an overfill or small leak, the water should be removed before restarting the dishwasher.
- If there is an error code that cannot be solved, please contact one of our experts on 0345 257 7271 for further assistance.

The installation and repairing procedures should always be carried out by the Authorised Service Agent in order to avoid possible risks. The manufacturer shall not be held liable for damages that may arise from procedures carried out by unauthorised persons. Repairs may be carried out by technicians only. If a component has to be replaced, ensure that only original spare parts are used. Improper repairs or use of non-original spare parts may cause considerable damage and put the user at considerable risk. Contact information for your customer service can be found on the back of this document. Function-relevant genuine spare parts according to the corresponding Ecodesign order can be obtained from Customer Service for a period of 7-10 years, based on the type of component, from the date on which your appliance was placed on the market within the European Economic Area.

Product information sheet (EN60436)

Supplier's name or trade mark: BUSH

Supplier's address (b): Argos (N.I.) Ltd, Forestside Shopping Centre,
Upper Galwally, Belfast, BT8 6FX, UK.

Model identifier: DWFSEINT124W

General product parameters:

Parameter	Value	Parameter	Value
Rated capacity (a) (ps)	12	Dimensions in cm	Height 81,5
			Width 59,8
			Depth 55,0
EEI (a)	55,9	Energy efficiency class (a)	E (c)
Cleaning performance index (a)	1,125	Drying performance index (a)	1,065
Energy consumption in kWh [per cycle], based on the eco programme using cold water fill. Actual energy consumption will depend on how the appliance is used.	0,923	Water consumption in litres [per cycle], based on the eco program. Actual water consumption will depend on how the appliance is used and on the hardness of the water.	11,0
Program duration (a) (h:min)	3:40	Type	Built-in
Airborne acoustical noise emissions (a) (dB(A) re 1 pW)	49	Airborne acoustical noise emission class (a)	C (c)
Off-mode (W)	N/A	Standby mode (W)	0,49
Delay start (W) (if applicable)	1,00	Networked standby (W) (if applicable)	N/A

Minimum duration of the guarantee offered by the supplier (): 12 months

Additional information:

Weblink to the supplier's website, where the information in point 6 of Annex II to Commission Regulation (EU) 2019/2022 (1) (b) is found: www.argos.co.uk/bush

(a) for the eco program.

(b) changes to these items shall not be considered relevant for the purposes of paragraph 4 of Article 4 of Regulation (EU) 2017/1369.

(c) if the product database automatically generates the definitive content of this cell the supplier shall not enter these data.

(1) Commission Regulation (EU) 2019/2022 of 1 October 2019 laying down eco design requirements for household dishwashers pursuant to Directive 2009/125/EC of the European Parliament and of the Council amending Commission Regulation (EC) No 1275/2008 and repealing Commission Regulation (EU) No 1016/2010 (see page 267 of this Official Journal).

The model information can be retrieved using the QR-code reported in the energy label. The label also includes the model identifier that can be used to consult the portal of the registry at <https://eprel.ec.europa.eu>

Product support

Help is always at hand

Help and assistance

If you require any technical guidance or find that your <enter product name> is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions or online at **www.bush-support.com**

If you still require further assistance, call one of our experts on **0345 257 7271**. To help give us give you a fast and efficient service please have the following information ready:

Model Ref.

You can find these on the rating plate - a small information panel (usually a sticker or metal plate) on the rear of your appliance

Serial number

Date of purchase

This will be shown on your receipt

Local call rates applies*

Lines open 8am-7pm Monday to Saturday and 10am-4pm Sunday.

*Calls to Bush enquiry lines may attract a charge and set up fee from residential lines depending on your call plan/tariff. Mobile and other providers costs may vary, see www.bt.com/pricing for details.

For Security and training purposes, telephone calls to and from customer service centres maybe recorded and monitored. Calls from Republic of Ireland will attract international call charges.



This appliance complies with the following EEC directives:
2014/35/EU Low voltage directive
2014/30/EU EMC directive

Declaration of conformance to product standards

We declare that our products meet the applicable European Directives, Decisions and Regulations and the requirements listed in the standards referenced.

Packaging and the Environment

Packaging materials protect your machine from damage that may occur during transportation. The packaging materials are environmentally friendly as they are recyclable. The use of recycled material reduces raw material consumption and therefore decreases waste production.

Recycling

- Some machine components and packaging consist of recyclable materials.
- Plastics are marked with the international abbreviations: (>PE<, >PP<, etc.)
- The cardboard parts consist of recycled paper. They can be put into waste paper containers for recycling.
- Material unsuitable for domestic waste must be disposed of at recycling centres.
- Contact a relevant recycling centre to obtain information about disposal of different materials.

Disposal



The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead, it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where the product was purchased.

Product support

Help is always at hand

BUSH

Call us now and activate your 12 month guarantee

Thank you for choosing Bush. Your new product is guaranteed against faults and breakdowns for 12 months. Don't forget to register it with us today so we can provide you with our best possible after-sales service and useful updates.

www.bushregistration.co.uk

FREEPHONE*

0800 597 8548

Lines are open 8am - 8pm, 365 days a year. *Calls may be recorded and monitored.

Your Bush Guarantee

This product is guaranteed for twelve months from the date of original purchase. Any defect that arises due to faulty materials or workmanship will be repaired free of charge (or if applicable the product will be replaced or the purchase price refunded) where possible during this period by the dealer from who you purchased the unit.

The guarantee is subject to the following provisions:

- The guarantee does not cover accidental damage, misuse, cabinet parts, knobs or consumable items.
- The product must be correctly installed and operated in accordance with the instructions contained in the manual.
- It must be used solely for domestic purposes. The guarantee will be rendered invalid if the product is re-sold or has been damaged by inexpert repair.
- Specifications are subject to change without notice.
- Bush disclaim any liability for loss or damage arising from the breakdown of the product.
- This guarantee is in addition to and does not diminish your statutory or legal rights.

Important Data Protection Information

To find out how we and Domestic & General Insurance Plc use your data please refer to the guarantee registration material or visit www.bushregistration.co.uk



Produced in China.
Argos Limited, London, EC1N 2HT, UK.
Argos (N.I.) Ltd., Forestside Shopping Centre,
Upper Galwally, Belfast, BT8 6FX, UK.
www.argos.co.uk/bush

Contact:

www.bush-support.com

Helpline: **0345 257 7271**