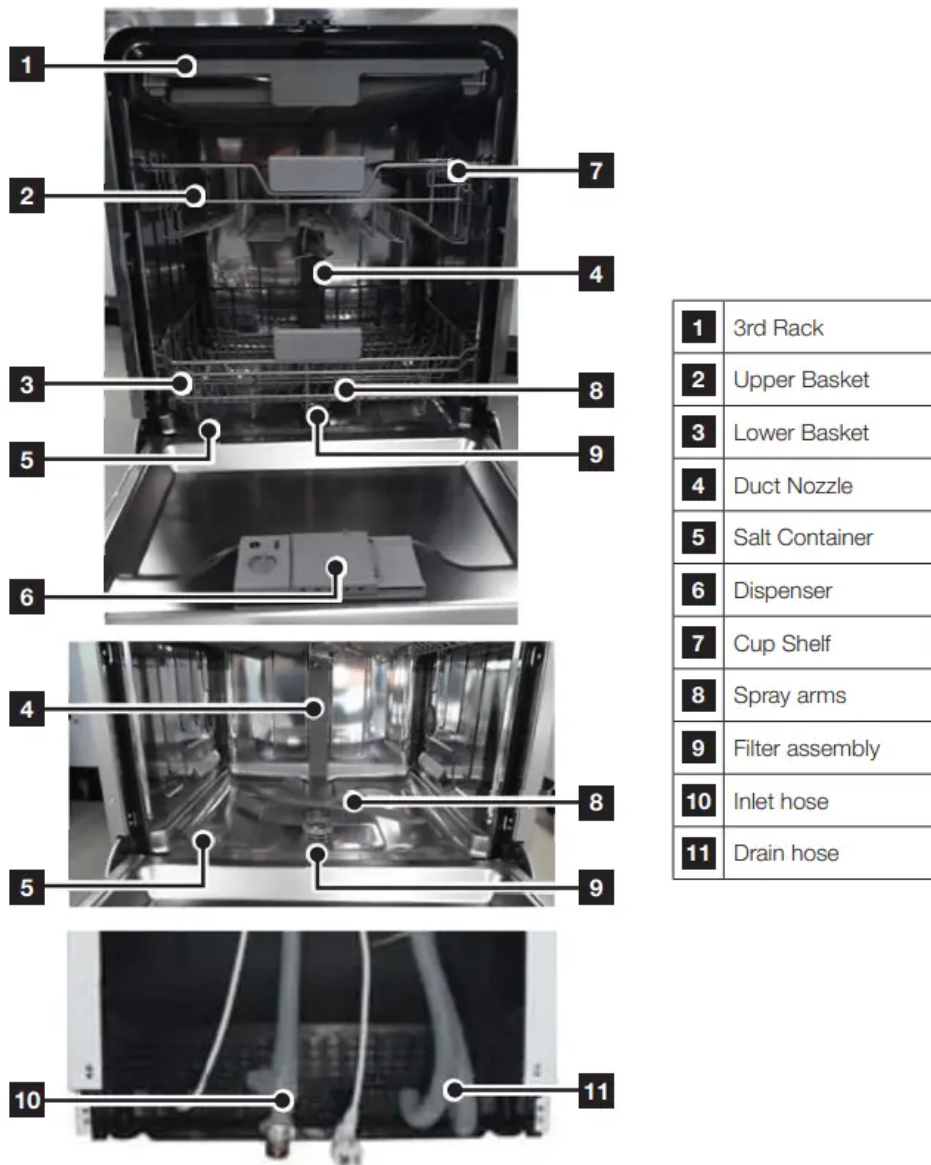



Parts and features

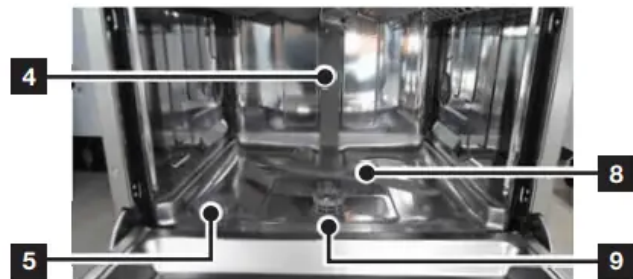
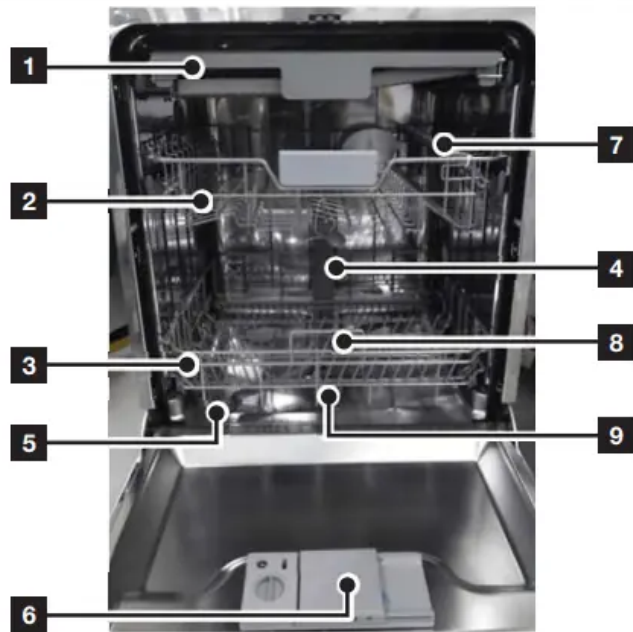
DISHWASHER FEATURES

Front & Rear view (DW60M6050**)




 Accessory parts - User manual, Salt funnel, cutlery basket.

Front & Rear view (DW60M6051**)

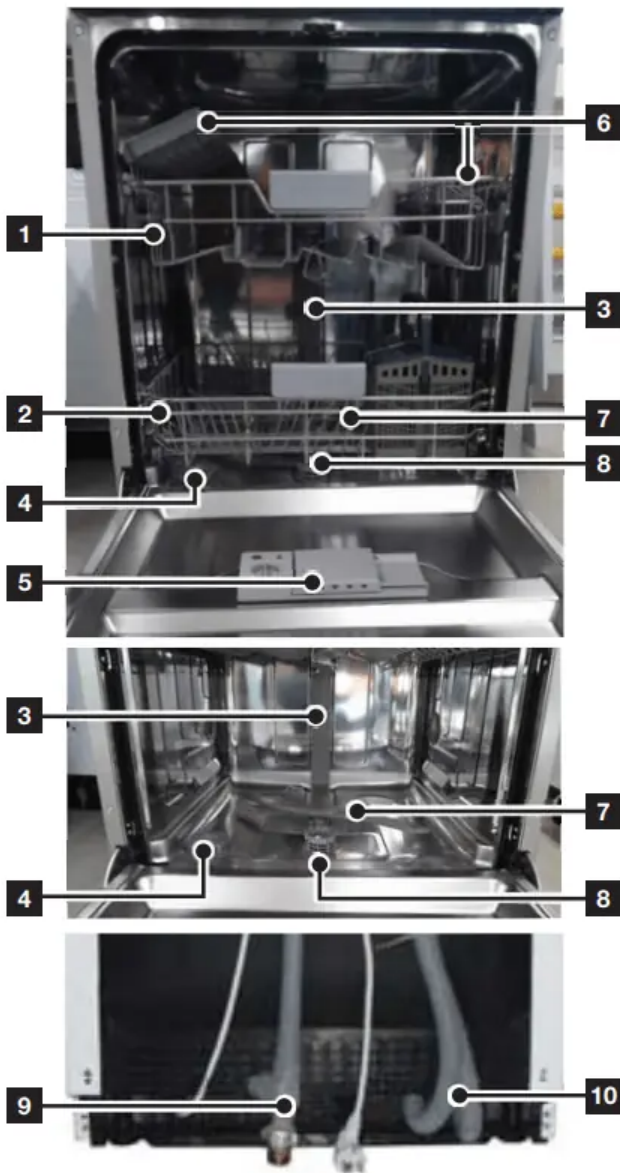


1	3rd Rack
2	Upper Basket
3	Lower Basket
4	Duct Nozzle
5	Salt Container
6	Dispenser
7	Cup Shelf
8	Spray arms
9	Filter assembly
10	Inlet hose
11	Drain hose


 Accessory parts - User manual, Salt funnel, cutlery basket.

Front & Rear view (DW60M6040)**





1	Upper Basket
2	Lower Basket
3	Duct Nozzle
4	Salt Container
5	Dispenser
6	Cup Shelf
7	Spray arms
8	Filter assembly
9	Drain hose
10	Inlet hose

 Accessory parts - User manual, Salt funnel, cutlery basket.

CONTROL PANEL


DW60M6050F*/DW60M6051F*/DW60M6040F*

DW60M6050U*/DW60M6051U*/DW60M6040U*

DW60M6050S*/DW60M6051S*/DW60M6040S

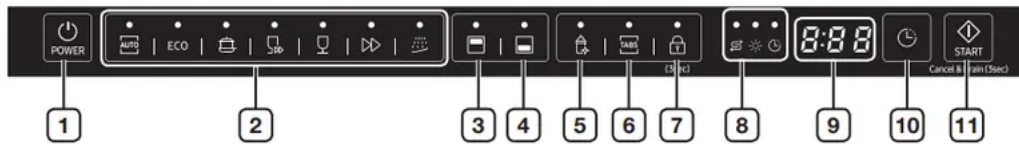


1	Power	Press this button to turn on your dishwasher: the screen lights up.
2	Program	To select washing program press this button.
3	Half load	For small amount of loading items, use either the upper or lower basket only to save energy. Press the Half load button to select the upper or lower basket.
4	Control lock	This option allows you to lock the buttons on the control panel so children cannot accidentally start the dishwasher by pressing the buttons on the panel. To lock and unlock the buttons on the control panel, hold down both the Control lock buttons for three (3) seconds.
5	Display window	Running indicator, delay time, error codes and etc.
6	Start	To start a cycle, press the Start button before closing the door. *Reset : To cancel a currently running cycle and drain the dishwasher, press and hold the Start button for three (3) seconds. Once the dishwasher is reset, select a cycle and option, and then press Start to restart the dishwasher.
7	Delay start	Press this button to set the delayed hours for washing. You can delay the start of washing up to 24 hours. One press on this button delays the start of washing by one hours.
8	Hygiene	Push the Hygiene button for the best possible hygiene in your dishwasher. At the final rinse it heat up to 67 °C and hold this temperature for a several minutes. This function is available with all program except Quick Wash and Pre Wash.
9	Multi tab	To select Multi tap option which needs salt and rinse aid but a Multi tab tablet. This option can be selected on Intensive, Auto or ECO program only.

-  When the door is open only the Power button will operate.
- You can select options (Multi tap, Delay start and/or Half load) before starting a cycle.






IMPORTANT: To get the best performance from your dishwasher, read all the operating instructions before using it for the first time.


DW60M6050BB



DW60M6040BB

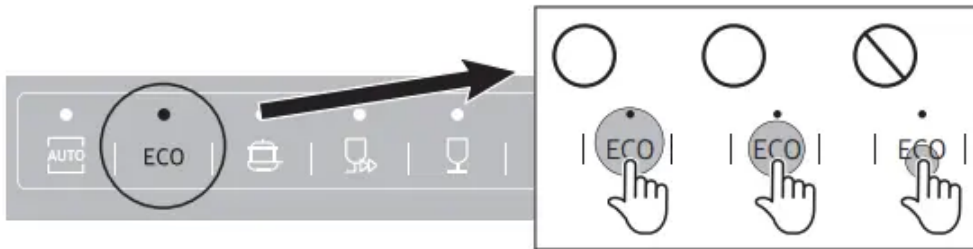


1 Power	Press this button to turn on your dishwasher : the screen lights up.
2 Cycle	To select washing program press this button.
3 Upper	<p>When you select Upper, only the upper rack nozzle is activated. The lower nozzle will not operate. Use this feature to wash a small load of dishes or glasses placed in the upper rack.</p> <p> When you select Upper, place dishes, glasses, etc. in the upper rack only. The dishwasher will not wash items placed in the lower rack.</p> <p>Selecting Upper reduces both the cycle time and the amount of electricity consumed.</p>
4 Lower	<p>When you select Lower, only the lower rack nozzle is activated. The upper nozzle will not operate. Use this feature to wash a small load of dishes or glasses placed in the lower rack.</p> <p> When you select Lower, place items, glasses, etc. in the lower rack only. The dishwasher will not wash items placed in the upper rack.</p> <p>Selecting Lower reduces both the cycle time and the amount of electricity consumed.</p>
5 Hygiene	Push the Hygiene button for the best possible hygiene in your dishwasher. At the final rinse it heat up to 67 °C and hold this temperature for a several minutes. This function is available with all program except Quick Wash and Pre Wash.
6 Multi tab	To select Multi tap option which needs salt and rinse aid but a Multi tap tablet. This option can be used with all program except Auto, Quick Wash and Pre Wash.
7 Control lock	<p>This option allows you to lock the buttons on the control panel so children cannot accidentally start the dishwasher by pressing the buttons on the panel.</p> <p>To lock and unlock the buttons on the control panel, hold down both the Control lock buttons for three (3) seconds.</p>
8 Indicator	<p>If Rinse Refill or Salt Refill indicator is lit, it means rinse or salt is needed to refill.</p> <p> Delay start Indicator</p> <ul style="list-style-type: none"> If the "Delay start" indicator is lit, it means, you select "Delay start" option. <p> Rinse Refill Indicator</p> <ul style="list-style-type: none"> If the "Rinse Refill" indicator is lit, it means the dishwasher is low on dishwasher rinse aid and requires a refill. <p> Salt Refill Indicator</p> <ul style="list-style-type: none"> If the "Salt Refill" indicator is lit, it means the dishwasher is low on dishwasher salt and needs to be refilled.
9 Display	Display the remaining time, error code, or delay time.
10 Delay start	Press this button to set the delayed hours for washing. You can delay the start of washing up to 24 hours. One press on this button delays the start of washing by one hours.
11 Start	<p>To start a cycle, press the Start button before closing the door.</p> <p>*Reset : To cancel a currently running cycle and drain the dishwasher, press and hold the Start button for three (3) seconds.</p> <p>Once the dishwasher is reset, select a cycle and option, and then press Start to restart the dishwasher.</p>

 You can select options (**Multi tab, Half load, Delay, Hygiene**) before starting a cycle.

 To prevent the touchpad from losing response sensitivity, follow these instructions:

- Touch the center of each keypad using one finger. Do not push.
- Clean the touch control's surface regularly with a soft, damp cloth.
- Be careful not to touch more than one touch key pad at a time, except as directed.



DISPLAYS

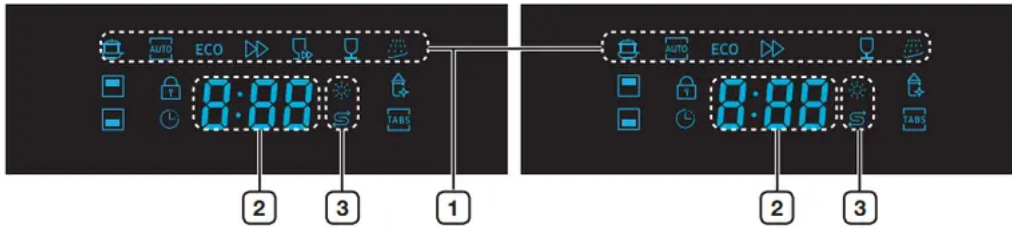
DW60M6050F*/DW60M6051F*/DW60M6040F*









DW60M6050U*/DW60M6051U*/DW60M6040U*

DW60M6050S*/DW60M6051S*/DW60M6040S*

DW60M6050/DW60M6051

DW60M6040



1	Program icons	Press the Program button to select each program.
	Intensive	Heavily soiled items include pots and pans
	Auto wash	Lightly to heavily soiled daily using items, automatic detection of the amount of soils.
ECO	ECO	Normally soiled daily using items, with reduced energy and water consumptions.
	Express	Normal daily used items, with short cycle time.
	Quick wash	Lightly soiled with very short cycle time. (DW60M6050/DW60M6051)
	Delicate	Lightly soiled delicate items.
	Pre wash	Cold water rinse for removing dirt before running another program.
2	Display	Display the remaining time, error code, or delay time.
3	Refill indicators	If Rinse or Salt Refill indicator is lit, it means rinse or salt is needed to refill.
	Rinse refill indicator	If Rinse or Salt Refill indicator is lit, it means rinse or salt needs to be refilled. To refill the rinse reservoir, refer to the "When to refill the rinse aid dispenser" section on page 22 .
	Salt refill indicator	If the "Salt Refill" indicator is lit, it means the dishwasher is low on dishwasher salt and needs to be refilled. To refill the salt reservoir, refer to the "Loading the salt into the softener" section on page 20 .

DW60M6050BB/DW60M6040BB

DW60M6050



DW60M6040



1	Program icons	Press the Program button to select each program.
	Auto wash	Lightly to heavily soiled daily using items, automatic detection of the amount of soils.
ECO	ECO	Normally soiled daily using items, with reduced energy and water consumptions.
	Intensive	Heavily soiled items include pots and pans
	Quick wash	Lightly soiled with very short cycle time. (DW60M6050/DW60M6051)
	Delicate	Lightly soiled delicate items.
	Express	Normal daily used items, with short cycle time.
	Pre wash	Cold water rinse for removing dirt before running another program.
2	Refill indicators	If Rinse or Salt Refill indicator is lit, it means rinse or salt is needed to refill.
	Salt refill indicator	If the "Salt Refill" indicator is lit, it means the dishwasher is low on dishwasher salt and needs to be refilled. To refill the salt reservoir, refer to the "Loading the salt into the softener" section on page 20.
	Rinse refill indicator	If Rinse or Salt Refill indicator is lit, it means rinse or salt needs to be refilled. To refill the rinse reservoir, refer to the "Filling the rinse aid reservoir" section on page 22.
	Delay start indicator	If the "Delay start" indicator is lit, it means, you select "Delay start" option.
3	Display	Display the remaining time, error code, or delay time.

Using the detergent and water softener

WATER SOFTENER MODE (WATER HARDNESS LEVEL SETTING)

The dishwasher is designed to allow for adjusting the amount of salt consumed based on the hardness of the water used. This is intended to optimise the level of salt consumption. To set the salt consumption, proceed as below:

1. Switch on the appliance;
2. Press the Pre Wash or Program button for more than 5 seconds to start the water softener set model within 60 seconds after the appliance was switched on;
 - Press the Pre Wash or Program button to select the proper set according to your local environment, the sets will change in the following sequence: H1 → H2 → H3 → H4 → H5 → H6; It is recommended that adjustments should be

made in accordance with the following table.

*The manufactory setting: H3 (EN 50242)

3. Wait for 5 seconds to end the set up model.

WATER HARDNESS				Selector Position	Salt consumption (gram/cycle)
° dH	° fH	° Clark	mmol/l		
0-5	0-9	0-6	0-0.94	H1	0
6-11	10-20	7-14	1.0-2.0	H2	9
12-17	21-30	15-21	2.1-3.0	H3	12
18-22	31-40	22-28	3.1-4.0	H4	20
23-34	41-60	29-42	4.1-6.0	H5	30
35-55	61-98	43-69	6.1-9.8	H6	60



1 dH (German degree) = 0.178 mmol/l

1 Clark (British degree) = 0.143 mmol/l

1 fH (French degree) = 0.1 mmol/l

Contact your local water board for information on the hardness of your water supply.



WATER SOFTENER

The hardness of the water varies from place to place. If hard water is used in the dishwasher, deposits may form on dishes and utensils. The appliance is equipped with a special softener that uses a salt specifically designed to eliminate lime and minerals from the water.

[Deposits on utensils]



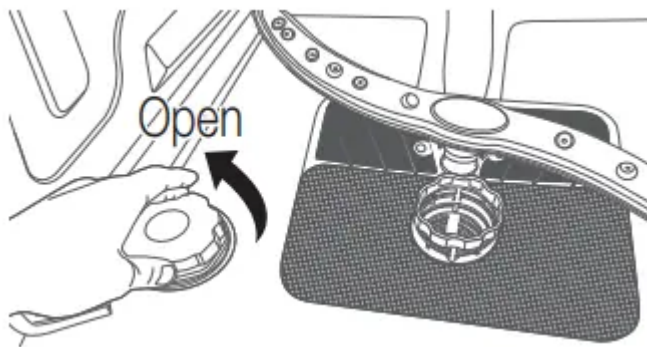
LOADING THE SALT INTO THE SOFTENER

Always use salt intended for use with dishwasher. The salt container is located beneath the lower rack and should be filled as follows:

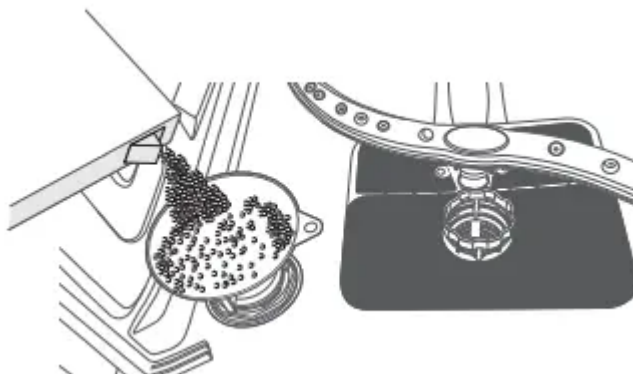
 **ATTENTION**

- Only use salt specifically designed for use in dishwashers. All other types of salt not specifically designed for use in a dishwasher, especially table salt, will damage the water softener. In case of damages caused by the use of unsuitable salt the manufacturer does not give any warranty nor is liable for any caused damages.
- Only fill with salt just before starting one of the complete washing programs. This will prevent any grains of salt or salty water, which may have been split, remaining of the bottom of the machine for any period of time, which may cause corrosion.
- After the first wash cycle the control panel light expires.

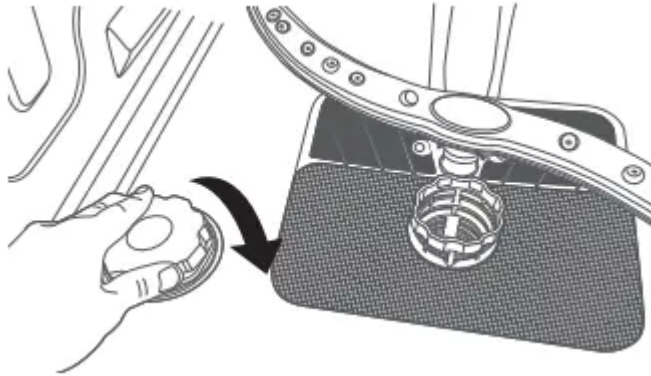
1. Remove the lower basket and then unscrew and remove the cap from the salt container.



2. If you are filling the container for the first time, fill 2/3 of its volume with water (around 1 liter).
3. Place the end of the funnel (supplied) into the hole and introduce about 1.5 kg of salt. It is normal for a small amount of water to come out of the salt container.



4. Carefully screw the cap back on.



5. Usually, the salt warning light will be off after the salt container is filled with salt.

The salt container must be refilled when the salt warning light on the control panel comes on. Although the salt container is filled enough, the indicator light may not switch off until the salt fully dissolves.

If there is no salt warning light on the control panel, you can judge when to load the salt into the softener by the cycles that the dishwasher has run.

If a lot of salt is spilt inside the dishwasher, run a pre wash program to reduce the spillage.

USING DETERGENT

All dishwasher cycles require detergent in the detergent compartment.

Add the correct amount of detergent for the selected cycle to ensure the best performance.



CAUTION: Use dishwasher detergent only. Regular detergent produces too much foam, which may decrease the dishwasher's performance or cause it to malfunction.



WARNING: Do not swallow dishwasher detergent. Avoid breathing in the fumes. Dishwasher detergent contains irritants and caustic chemicals that can induce respiratory conditions. If you have swallowed dishwasher detergent or inhaled the fumes, seek medical attention immediately.



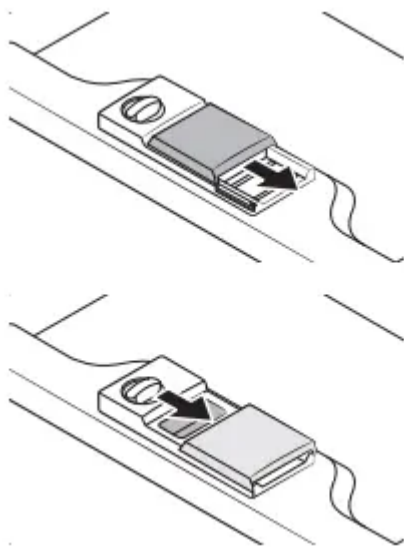
WARNING: Keep dishwasher detergent out of the reach of children.

Filling the detergent dispenser

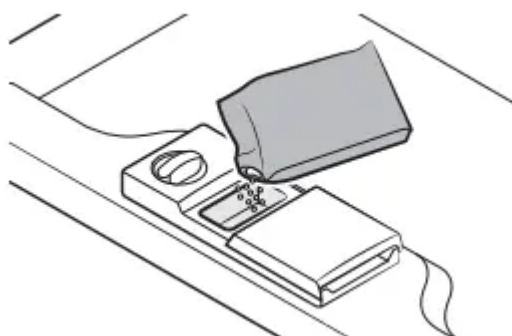
1. Open the detergent dispenser flap by pushing the detergent dispenser release catch.



The flap is always open at the end of a dishwashing cycle.



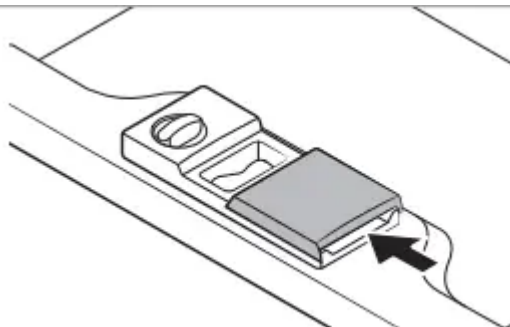
2. Add the recommended amount of detergent to the main wash detergent compartment.



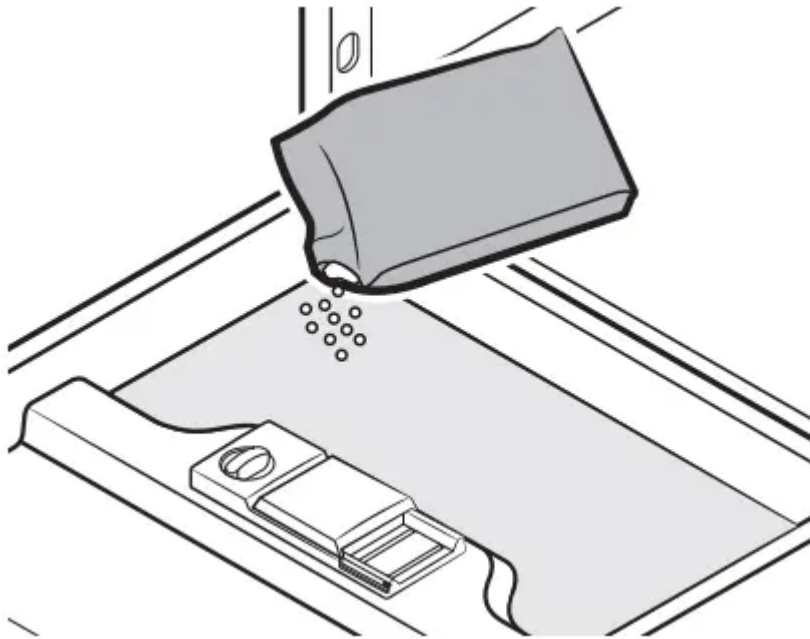
3. Close the flap by sliding it to the left and then pressing it down.



There is no separate button that is specific to using tablet detergents.



4. For better cleaning result, especially if you have very dirt items, add small amount (about 8 g) of detergent on the door. That will act in prewash phase.



USING RINSE AID

Filling the rinse aid reservoir

When the Rinse Refill indicator lights up on the control panel, refill with rinse aid.

Your dishwasher has been designed to use liquid rinse aid only.

Using a powdered rinse aid will clog the reservoir opening and cause the dishwasher to malfunction.

Rinse aid improves the drying performance of the dishwasher.

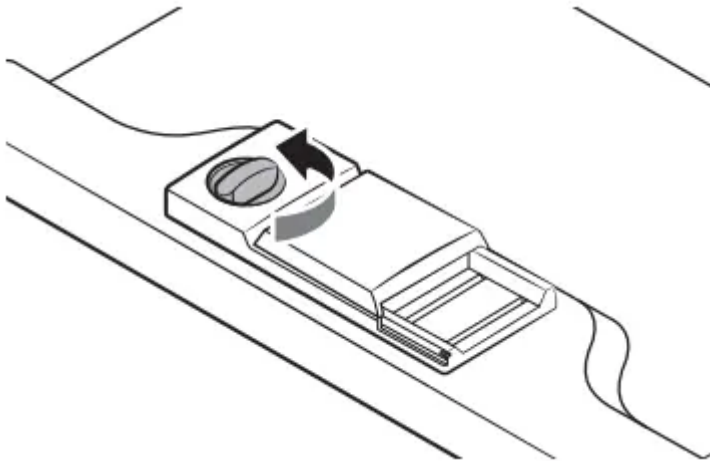


CAUTION: Do not add regular detergent to the rinse aid reservoir.

1. Remove the rinse aid reservoir cap by rotating it counterclockwise.



Adding rinse aid to tablet detergents will improve drying performance.



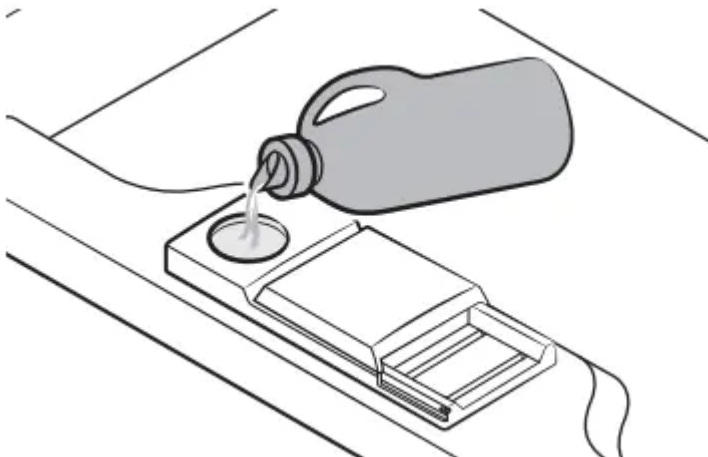
2. Fill the rinse aid reservoir with rinse aid.



Use the viewing port when filling the rinse aid reservoir.

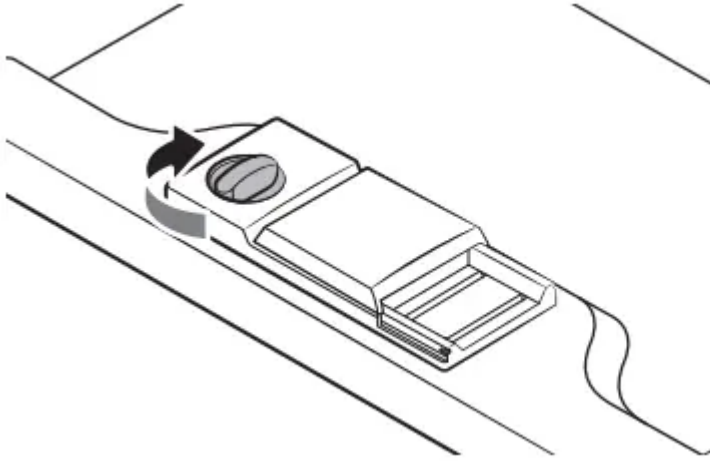


CAUTION: Do not fill the reservoir above the full level indicator. Excess rinse aid can overflow during the wash cycle.



3. Turn the rinse aid indicator dial to a number between 1 and 6. The higher the number, the more rinse aid the dishwasher uses. If you are unable to rotate the rinse aid dial easily, try using a coin.

4. Close the rinse aid reservoir cap by rotating it clockwise.



HOW TO USE THE MULTI TAP OPTION

Your dishwasher has a Multi tap option which does not need salt and rinse aid but a 3 In1 tablet. This option can select on Intensive, Eco program only.



The Multi tap setting is only for use with Multi tap tablets. If using Multi tap tablet without this option, the appliance will not get its best performance.

1. Put the Multi tap tablet into the container then start the Multi tap option.
2. Close the lid and press until it locks in place.



When using Multi tap compact combination detergents ensure that the lid can be closed correctly.

⚠ ATTENTION: Keep all detergents in a safe place out of children's reach. Always add the detergent in the dispenser just before starting the dishwasher.

Loading the dishwasher racks

For best performance of the dishwasher, follow these loading guidelines. Features and appearance of racks and silverware baskets may vary from your model.

Attention before or after loading the dishwasher racks

Scrape off any large amounts of leftover food. It is not necessary to rinse the dishes under running water. Place objects in the dishwasher in the following order:

1. Items such as cups, glasses, pots/pans, etc. are stood upside down.
2. Curved items, or those with recesses, should be at a slant so that water can run off.
3. They are stacked securely and can not tip over.
4. They do not prevent the spray arms from rotating while washing takes place.

Very small items should not be washed in the dishwasher as they could easily fall out of the racks.

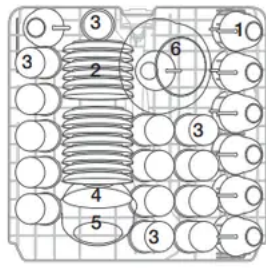


Removing the dishes

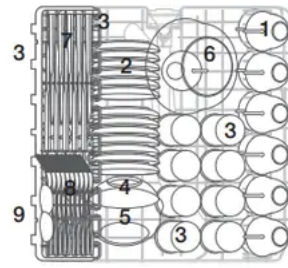
To prevent water dripping from the upper basket into the lower basket, we recommend that you empty the lower basket first and then the upper basket.

LOADING THE UPPER BASKET

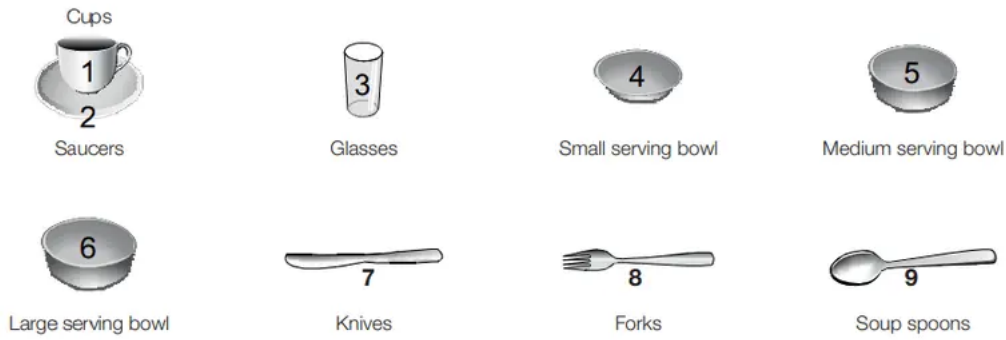
The upper basket is designed to hold more delicate and lighter dishware such as glasses, coffee and tea cups and saucers, as well as plates, small bowls and shallow pans (as long as they are not too dirty). Position the dishes and cookware so that they will not get moved by the spray of water. Always place glasses, cups & bowls upside down.



DW60M6050
DW60M6051
(14 place setting)



DW60M6040
(13 place setting)



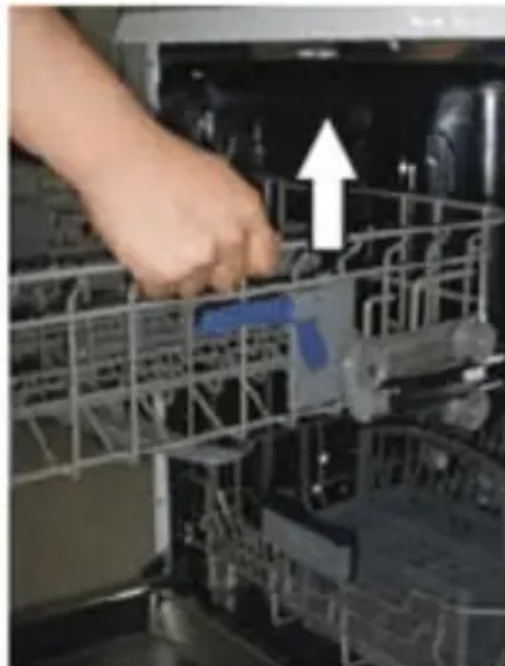
Adjusting the Upper Basket

The height of the upper basket can be adjusted in order to create more space for large utensils both for the upper/lower basket.

1. To lower the upper rack, press the “A” levers located at the left and right sides of the upper basket and push the upper basket downwards slightly at the same time.
2. To raise the upper rack, just pull the upper basket upwards without operating any levers.



To lower position



To upper position

⚠ CAUTION: We recommend adjusting the height of the upper basket before loading dishes into the basket. If you adjust the the basket after loading the dishes, you may damage the dishes.

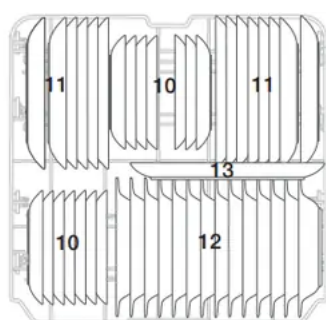
LOADING THE LOWER BASKET

We recommend that you place large items which are most difficult to clean in to the lower rack: pots, pans, lids, serving dishes and bowls, as shown in the figure to the right.

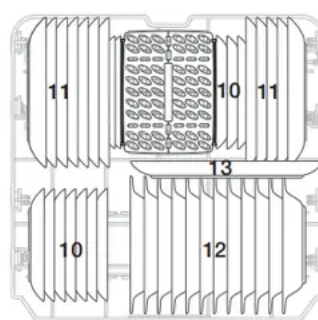
It is preferable to place serving dishes and lids on the side of the racks in order to avoid blocking the rotation of the top spray arm. Pots, serving bowls, etc. must always be placed top down.

Deep pots should be slanted to allow water to flow out.

The bottom rack feature fold down tine rows so that larger or more pots and pans can be loaded.



DW60M6050
DW60M6051
(14 place setting)



DW60M6040
(13 place setting)



Dessert dishes



Dinner plates



Soup bowls



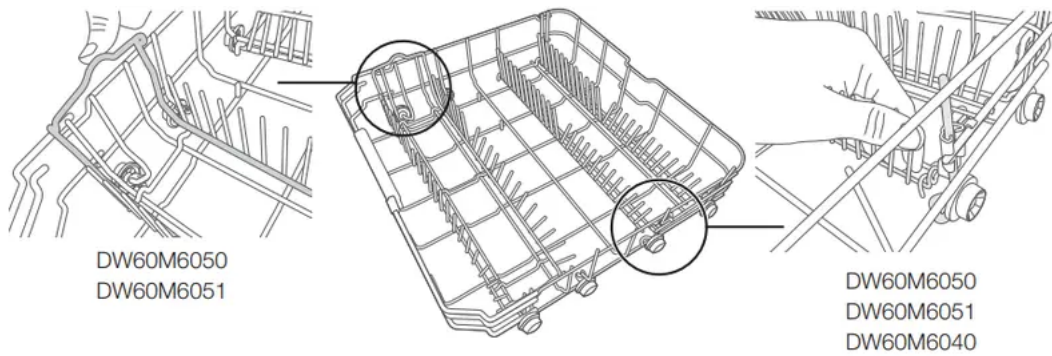
Oval platter



Long items, serving cutlery, salad servers and big knives should be placed on the shelf so that they do not obstruct the rotation of the spray arms.

FOLDING SPIKES OF LOWER BASKET

For better stacking of pots and pans, the spikes can be folded down and/or removable tine as show in the picture below.

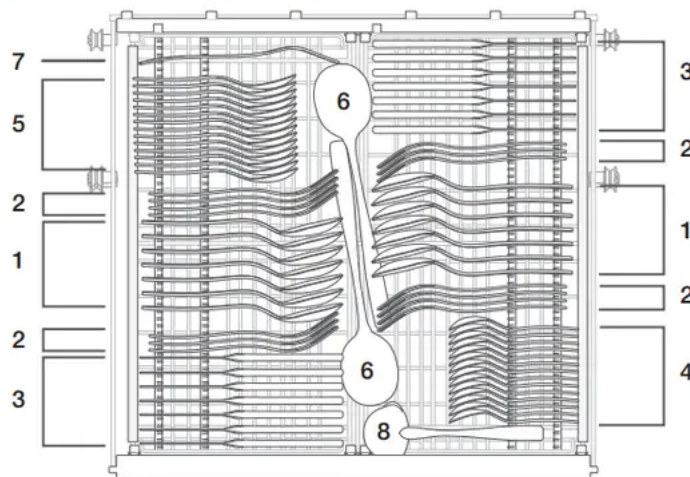


CUTLERY(SILVERWARE) TRAY

Silverware should be placed in the cutlery tray with handles at the bottom: The spoon should be loaded individually into the appropriate slots, especially long utensils should be placed in the horizontal position at the front of the upper basket.

DW60M6050/DW60M6051****

DW60M6050**/DW60M6051**



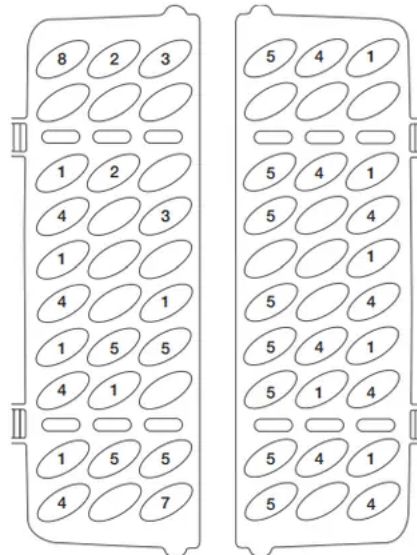
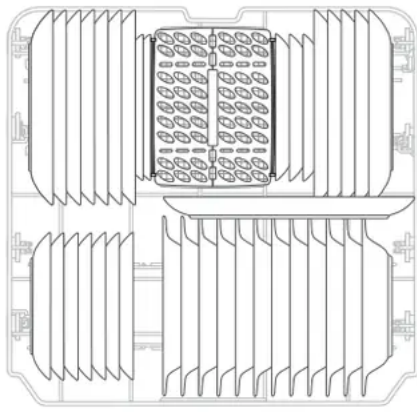
1	Soup spoons		5	Dessert spoons	
2	Forks		6	Serving spoons	
3	Knives		7	Serving forks	
4	Teaspoons		8	Gravy ladles	











WARNING

- Do not let any item extend through the bottom.
- Always load sharp utensils with the sharp point down!

DW60M6040**



1	Soup spoons	
2	Forks	
3	Knives	
4	Teaspoons	

5	Dessert spoons	
6	Serving spoons	
7	Serving forks	
8	Gravy ladles	



WARNING

- Do not let any item extend through the bottom.
- Always load sharp utensils with the sharp point down!

FOR WASHING IN THE DISHWASHER THE FOLLOWING CUTLERY/ DISHES

Are not suitable	Are of limited suitability
<p>Plastic items that are not heat resistant. Older cutlery with glued parts that is not temperature resistant.</p> <p>Bonded cutlery items or dishes.</p> <p>Pewter or cooper items Lead crystal glass. Steel items subject to rusting.</p> <p>Wooden platters.</p> <p>Items made from synthetic fibres.</p>	<p>Some types of glasses can become dull after a large number of washes.</p> <p>Silver and aluminium parts have a tendency to discolour during washing.</p> <p>Glazed patterns may fade if machine washed frequently.</p>



Do not try and wash items soiled with cigarette ash, candle wax, lacquer or paint. If you buy new dishes please make sure that they are suitable for dishwashers.



Please do not overload your dishwasher. There is only space for 12 standard dishes. Do not use dishes that are not suitable for dishwashers. This is important for good results and for reasonable energy consumption.

When loading the dishes and cutlery

Dishes and cutlery must not impede the rotation of the spray arms.

Load hollow items such as cups, glasses, pans etc. with the opening downwards so that water cannot collect in the container or a deep base.



Dishes and items of cutlery must not lie inside one another, or cover each other

- To avoid damage to glasses, they must not touch.
- Load large items which are most difficult to clean into the lower rack.
- The upper rack is designed to hold more delicate and lighter dishware such as glasses, coffee and tea cups.

 **ATTENTION**

Long bladed knives stored in an upright position are a potential hazard!

Long and/or sharp items of cutlery such as carving knives must be positioned horizontally in the upper basket.

Damage to glassware and other dishes.

Possible causes	Suggested remedy
<ul style="list-style-type: none"> • Type of glass or manufacturing process. Chemical composition of detergent. • Water temperature and duration of dishwasher programme. 	<ul style="list-style-type: none"> • Use glassware or porcelain dishes that have been marked dishwasher-proof by the manufacturer. • Use a mild detergent that is described as kind of dishes. If necessary, seek further information from detergent manufacturers. • Select a programme with as low a temperature. • To prevent damage, take glass and cutlery out of the dishwasher as soon as possible after the programme has ended.



Washing programmes

TURNING ON THE APPLIANCE

Starting a cycle wash

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 (see the section entitled "Loading the dishwasher racks").
2. Pour in the detergent (see the section entitled "Using the detergent and water softener").
3. Insert the plug into the socket. The power supply is 220-240 V~, 50 Hz, the specification of the socket is 10 A 250 VAC. Make sure that the water supply is turned on to proper pressure.
4. Close the door, press the Power button, to switch on the machine.



A click could be heard when the door is closed perfectly. When the washing is over, you can shut off the switch by pressing Power button.

CHANGE THE PROGRAMME

Premise:

1. A cycle that is underway can only be modified if it has only been running for a short time. Otherwise, the detergent may have already been released, and the appliance may have already drained the wash water. If this is the case, the detergent dispenser must be refilled (see the section entitled "Filling the detergent dispenser").
2. Press Power button or Reset button 3 seconds to cancel the programme, and turn on it again, then you can change the programme to the desired cycle setting.




If you open the door during a wash cycle, the machine will pause. The program light will stop blinking and the buzzer will beep every minute unless you close the door. After you close the door, the machine will keep on working after 3 seconds automatically.

If your model has broken memory function, the machine will go on to finish the selected program after the power cut.

Add a dish

A forgotten dish can be added at any time before the detergent dispenser opens.


1. Open the door a little to stop the washing.
2. After the spray arms stop working, you can open the door completely.
3. Add forgotten dishes.
4. Close the door, the dishwasher will work after ten seconds.

 **WARNING:** It is dangerous to open the door when washing, because the hot water may scald you. If the door is opened while the dishwasher is running, a safety mechanism is activated and stops the cycle.

AT THE END OF THE WASH CYCLE

When the working cycle has finished, the buzzer of dishwasher will beep shortly, then stop. In the digital display appears "0", only in this case the programme has ended.

1. Switch off the dishwasher by pressing the **Power** button.
2. Turn off the water tap!

 Open the door carefully. Hot steam may escape when the door is opened!

- Hot dishes are sensitive to knocks. The dishes should be allowed to cool down around 15 minutes before removing from the appliance.
- Open the dishwasher's door, leave it and wait a few minutes before removing the dishes. In this way they will be cooler and the drying will be improved.
- Unloading the dishwasher.



It is normal that the dishwasher is wet inside.

Empty the lower basket first and then the upper one. This will avoid water dripping from the upper basket onto the dishes in the lower one.

WASH CYCLE TABLE

DW60M6050**/DW60M6051**/DW60M6040**

Program	Description of Cycle	Detergent (Prewash/Main wash) (g)	Running time (min)	Energy (kWh)	Water (ℓ)
Intensive	Pre Wash (50 °C)	5/30	175	1.6	17.5
	Wash (60 °C)				
	Rinse				
	Rinse				
	Rinse (70 °C)				
	Drying				
Intensive + Hygiene	Pre Wash (50 °C)	5/30	200	1.65	17.5
	Wash (60 °C)				
	Rinse				
	Rinse				
	Rinse (70 °C)				
	Drying				
ECO *	Pre Wash	5/30	225	0.93	10.5
	Wash (50 °C)				
	Rinse (55 °C)				
	Drying				
ECO + Hygiene	Pre Wash	5/30	235	1.1	10.5
	Wash (50 °C)				
	Rinse (60 °C)				
	Drying				
Delicate	Pre Wash	5/30	130	0.9	13
	Wash (40 °C)				
	Rinse				
	Rinse (60 °C)				
	Drying				
Delicate + Hygiene	Pre Wash	5/30	140	1.0	13
	Wash (40 °C)				
	Rinse				
	Rinse (65 °C)				
	Drying				

Program	Description of Cycle	Detergent (Prewash/Main wash) (g)	Running time (min)	Energy (kWh)	Water (ℓ)
Express	Pre Wash (50 °C)	5/30	60	1.15	10
	Wash (60 °C)				
	Rinse (60 °C)				
	Drying				
Express + Hygiene	Pre Wash (50 °C)	5/30	80	1.25	10
	Wash (60 °C)				
	Rinse (65 °C)				
	Drying				
Quick Wash (DW60M6050**/ DW60M6051**)	Wash (45 °C)	25	30	0.75	11
	Rinse (50 °C)				
	Rinse (55 °C)				
Auto	Pre Wash (45 °C)	5/30	150	0.9-1.3	11-15
	Auto (45-55 °C)				
	Rinse				
	Rinse (65 °C)				
	Drying				
Pre Wash	Pre Wash	/	15	0.02	4



*EN 50242: This program is the test cycle. The information for comparability test in accordance with EN 50242, as follows:

- Capacity: 12 place setting
- Position of Upper Basket: to lower position
- Rinse aid setting: 4



The wash time varies depending on the pressure and temperature of the supplied water.



Quick Wash: Continuous use of the Quick Wash cycle for an extended time is not recommended. This may reduce the performance of the water softener.

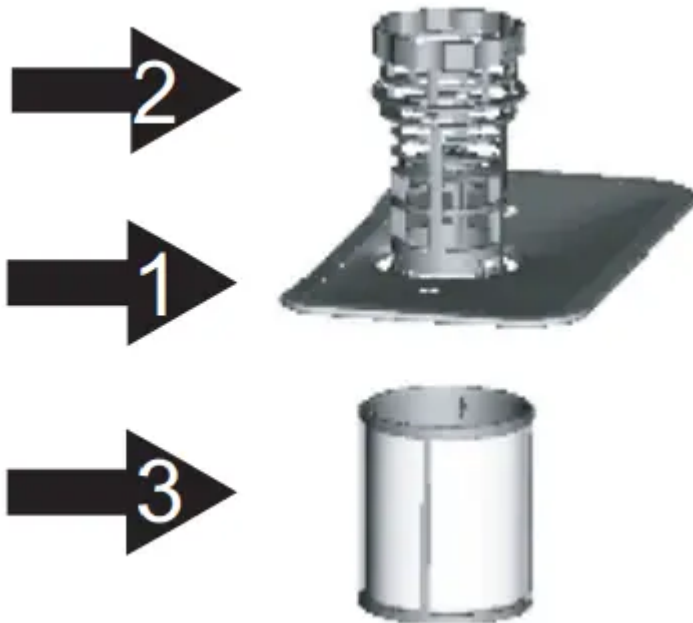
Cleaning and care


CLEANING THE FILTERS

Filtering system

For your convenience, we have placed the drain pump and filtering system within easy reach inside the tub. There are three components of the filtering system: the main filter, the coarse filter, and the fine filter

1. **Main filter:** Food and soil particles trapped by this filter are pulverized by a special jet on the lower spray arm and washed down the drain.
2. **Coarse filter:** Larger items, such as pieces of bone or glass, that could clog the drain are trapped in the coarse filter. To remove an item caught in this filter, gently squeeze the tabs on top of this filter and lift it out.
3. **Fine filter:** This filter holds soil and food residue in the sump area and prevents it from being redeposited on the dishes during a cycle.



 **ATTENTION:** Do not put the fine filter upside down.

Filter assembly

For best performance and results, the filter assembly must be cleaned. The filter efficiently removes food particles from the wash water, allowing it to be recirculated during the cycle. For this

reason, it is a good idea to remove the larger food particles trapped in the filter after each wash cycle by rinsing the semicircular filter and cup under running water. To remove the filter assembly, turn it in anti-clockwise direction and lift the filter assembly up. The entire filter assembly should be cleaned regularly. To clean the coarse filter and the fine filter, use a cleaning brush. Then, reinsert the entire assembly in the dishwasher, positioning in its seat, pressing downward, turning it clockwise direction.

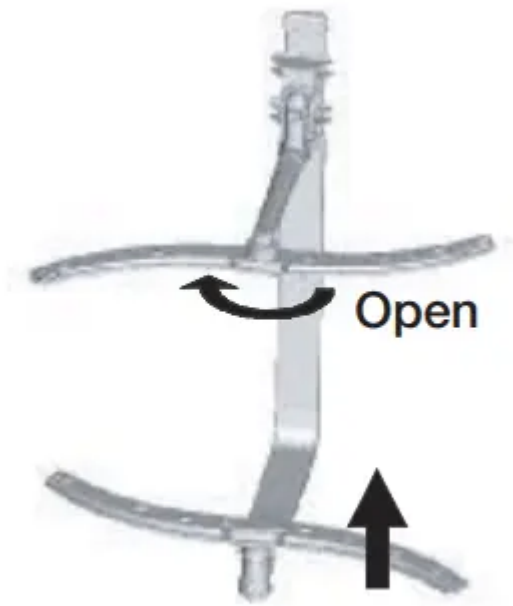


The dishwasher must never be used without the filters. Improper replacement of the filter may reduce the performance level of the appliance and damage dishes and utensils.

⚠ WARNING: Never run the dishwasher without the filters in place. When cleaning the filters, do not damage them. Otherwise the filters may not perform as intended and poor wash results or damage to the internal parts may be encountered.

CLEANING THE SPRAY ARMS

It is necessary to clean the spray arms regularly as hard water chemicals may clog the spray arm jets and bearings. To remove the middle spray arm, hold the nut, rotate the arm clockwise to remove it. To remove the lower spray arm, pull out the spray arm upward. Wash the arms in soapy and warm water and use a soft brush to clean the jets. Replace them after rinsing them thoroughly.



CLEANING THE DOOR

To clean the edge around the door, you should use only a soft warm, damp rag.

Also, never use abrasive cleaners or scouring pads on the outer surfaces because they will scratch the finish. Some papers towels can also scratch or leave marks on the surface.

⚠ WARNING: Never use a spray cleaner to clean the door panel for it could damage the door lock and electrical components. It is not advised to use the abrasive agent or some paper towel because of the risk of scratching or leaving spots on the stainless steel surface.

CARING FOR THE DISHWASHER

To clean the control panel use a lightly damp cloth then dry thoroughly. To clean the exterior use a good appliance polish wax.

Never use sharp objects, scouring pads or harsh cleaners on any part of the dishwasher.

PROTECT AGAINST FREEZING

If your dishwasher is left in an unheated place during the winter:

1. Cut off electrical power to the dishwasher.
2. Turn off the water supply and disconnect the water inlet pipe from the water valve.
3. Drain water from the inlet pipe and water valve. (Use a pan to catch the water)
4. Reconnect the water inlet pipe to the water valve.
5. Remove the filter in the tub the bottom and use a sponge sock up water.

HOW TO MAINTAIN YOUR DISHWASHER

• After Every Wash

After every wash, turn off the water supply to the appliance and leave the door slightly ajar so that moisture and odours not trapped inside.

• Remove the Plug

Before cleaning or performing maintenance, always remove the plug from the socket.

• No Solvents or Abrasive cleaning

To clean the exterior and rubber parts of the dishwasher, do not use solvents or abrasive cleaning products. Use only a cloth and warm soapy water. To remove spots or stains from the surface of the interior, Use a cloth dampened with water and a little white vinegar, or a cleaning product made specifically for dishwashers.

• When You Go on Holiday

When you go on holiday, it is recommended that you run a wash cycle with the dishwasher empty and then remove the plug from the socket, turn off the water supply and leave the door of the appliance slightly ajar. This will help the seals last longer and prevent odours from forming within the appliance.

• Moving the Appliance


If the appliance must be moved, try to keep it in the vertical position. If absolutely necessary, it can be positioned on its back.

• Seals

One of the factors that cause odours to form in the dishwasher is food that remains trapped in the seals. Periodic cleaning with a damp sponge will prevent this from occurring.

Setting up your dishwasher

About electricity connecting


 **CAUTION**, for personal safety:


DO NOT USE AN EXTENSION CORD OR AN ADAPTER PLUG WITH THIS APPLIANCE.
DO NOT, UNDER ANY CIRCUMSTANCES, CUT OR REMOVE THE THIRD GROUNDING PRONG FROM THE POWER CORD.


Electrical requirements

- An 220-240 V~, 50 Hz fuse or a circuit breaker.
- An individual branch circuit serving your dishwasher.

Grounding instructions

 A Insure proper ground exists before use

 This appliance must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance of electric current. This appliance is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is installed and grounded in accordance with all local codes and ordinances.

 **WARNING:** Improper connection of the equipment grounding conductor can result in the risk of an electric shock. Check with a qualified electrician or service representative if you are in doubt whether the appliance is properly grounded. Do not modify the plug provided with the appliance.


WATER SUPPLY AND DRAIN

Cold water connection

Connect the cold water supply hose to a threaded 3/4 (inch) connector and make sure that it is fastened tightly in place.

If the water pipes are new or have not been used for an extended period of time, let the water run to make sure that the water is clear. This precaution is needed to avoid the risk of the water inlet to be blocked and damage the appliance.



 Provided water supply hose has the aqua-safe system. Ensure that water supply hose's aqua-safe pipe is connected to the faucet.

Hot water connection

The water supply to the appliance can also be connected to the house hot water line (centralized system, heating system), as long as it does not exceed a temperature of 60 °C. In this case, the wash cycle time will be shortened by about 15 minutes and the wash efficiency slightly reduced. The connection must be made to the hot water line following the same procedures as those for the connection to the cold water line.



Positioning the appliance

Position the appliance in the desired location. The back should rest against the wall behind it, and the sides, along the adjacent cabinets or wall. The dishwasher is equipped with water supply and drain hoses that can be positioned to the right or the left to facilitate proper installation.

How to drain excess water from hoses

If the sink is 1000 mm higher from the floor, the excess water in hoses cannot be drained directly into the sink. It will be necessary to drain excess water from hoses 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 inlet hose is not kinked or squashed.

Extension hose

If you need a drain hose extension, Use a similar size and quality drain hose.

It must be no longer than 4 metres; otherwise the cleaning effect of the dishwasher could be reduced.

Syphon connection

The waste connection must be at a height of between 40 cm (minimum) and 100 cm (maximum) from the bottom of the dishwasher. The water drain hose should be fixed by a hose clip.

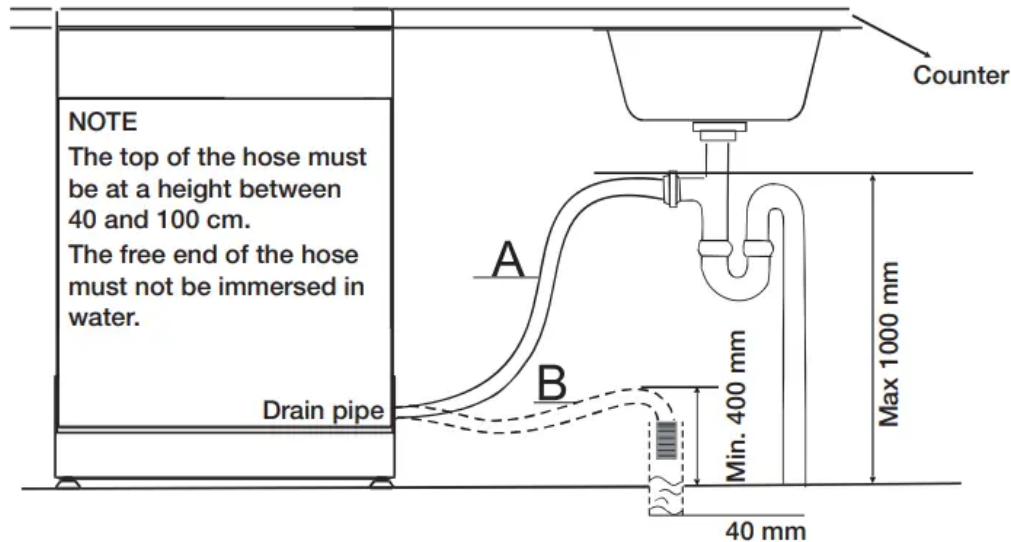
Aqua-safe

The Aqua-safe System is a safety valve system, preventing water leaks. If the water inlet hose starts to leak anytime, the safety valve cuts off the running water. If the water inlet hose or the safety valve is damaged, remove and replace it.

Do not enlarge or shorten the inlet hose.

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 top of the hose must be at a height between 40 and 100 cm. The free end of the hose must not be immersed in water to avoid the back flow of it.



POSITION THE APPLIANCE

Position the appliance in the desired location. The back should rest against the wall behind it, and the sides, along the adjacent cabinets or walls. The dishwasher is equipped with water supply and drain hoses that can be positioned either to the right or the left sides to facilitate proper installation.


Levelling the Appliance

Once the appliance is positioned for levelling, the height of the dishwasher may be altered via adjustment of the screwing level of the feet. In any case, the appliance should not be inclined more than 2°.

START OF DISHWASHER

The following should be checked before starting the dishwasher.

1. the dishwasher is level and fixed
2. the inlet valve is opened
3. There is no leakage at the connections of the conducts
4. the wires are tightly connected
5. the power is switched on
6. the inlet and drain hoses are not knotted
7. All packaging materials and printings have been taken out of the dishwasher

 **ATTENTION:** After installation please put this manual in a safe place. The contents of this manual can be useful to users.

Troubleshooting


The manufacturer, following a policy of constant development and up-dating of the product, may make modifications without giving prior notice.

BEFORE CALLING FOR SERVICE

PROBLEM	POSSIBLE CAUSE	WHAT TO DO
Dishwasher doesn't run	<ul style="list-style-type: none"> • Fuse blown or the circuit breaker acted. 	<ul style="list-style-type: none"> • Replace fuse or reset circuit breaker. Remove any other appliances sharing the same circuit with the dishwasher.
	<ul style="list-style-type: none"> • Power supply is not turned on. 	<ul style="list-style-type: none"> • 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.
	<ul style="list-style-type: none"> • Water pressure is low. 	<ul style="list-style-type: none"> • Check that the water supply is connected properly and the water is turned on.
Drain pump doesn't stop	<ul style="list-style-type: none"> • Overflow. 	<ul style="list-style-type: none"> • The system is designed to detect an overflow. When it does, it shuts off the circulation pump and turns on the drain pump.
Noise	<ul style="list-style-type: none"> • Some audible sounds are normal. 	<ul style="list-style-type: none"> • Sound from soft food shredding action and detergent cup opening.
	<ul style="list-style-type: none"> • Utensils are not secure in the baskets or something small has dropped into the basket. 	<ul style="list-style-type: none"> • To ensure everything is secured in the dishwasher.



	<ul style="list-style-type: none"> • Motor hums. 	<ul style="list-style-type: none"> • Dishwasher has not been used regularly. If you do not use it often, remember to set it to fill and pump out every week, which will help keep the seal moist.
Suds in the tub	<ul style="list-style-type: none"> • Improper detergent. 	<ul style="list-style-type: none"> • Use only the special dishwasher detergent to avoid suds. • If this occurs, open the dishwasher and let suds evaporate. • Add 1 gallon of cold water to the tub. Close and latch the dishwasher, then start the "soak" wash cycle to drain out the water. Repeat if necessary.
	<ul style="list-style-type: none"> • Spilled rinse agent. 	<ul style="list-style-type: none"> • Always wipe up rinse agent spills immediately.
Stained tub interior	<ul style="list-style-type: none"> • Detergent with colorant was used. 	<ul style="list-style-type: none"> • Make sure that the detergent is the one without colorant.
Dishes are not dried	<ul style="list-style-type: none"> • Rinse agent dispenser is empty. 	<ul style="list-style-type: none"> • Make sure that the rinse agent dispense is filled.
Dishes and flatware not clean	<ul style="list-style-type: none"> • Improper program. 	<ul style="list-style-type: none"> • Select a more intensive wash program.
	<ul style="list-style-type: none"> • Improper rack loading. 	<ul style="list-style-type: none"> • Make sure that the action of the detergent dispenser and spray arms are not blocked by large dishware.

<p>Spots and filming on glasses and flatware</p>	<ol style="list-style-type: none"> 1. Extremely hard water. 2. Low inlet temperature. 3. Overloading the dishwasher. 4. Improper loading. 5. Old or damp powder detergent. 6. Empty rinse agent dispenser. 7. Incorrect dosage of detergent. 	<p>To remove spots from glassware:</p> <ol style="list-style-type: none"> 1. Take out all metal utensils out of the dishwasher. 2. Do not add detergent. 3. Choose the longest cycle. 4. Start the dishwasher and allow it to run for about 18 to 22 minutes, then it will be in the main wash. 5. Open the door to pour 2 cups of white vinegar into the bottom of the dishwasher. 6. Close the door and let the dishwasher complete the cycle. If the vinegar does not work: Repeat as above, except use 1/4 cup (60 ml) of citric acid crystals instead of vinegar.
<p>Cloudiness on glassware</p>	<ul style="list-style-type: none"> • Combination of soft water and too much detergent. 	<ul style="list-style-type: none"> • Use less detergent if you have soft water and select a shortest cycle to wash the glassware and to get them clean.
<p>Yellow or brown film on inside surfaces</p>	<ul style="list-style-type: none"> • Tea or coffee stains. 	<ul style="list-style-type: none"> • Using a solution of 1/2 cup of bleach and 3 cups warm water to remove the stains by hand. <p> WARNING: You have to wait for 20 minutes after a cycle to let the heating elements cool down before cleaning interior; Failing to follow this instruct may result in the risk of burns.</p>
	<ul style="list-style-type: none"> • Iron deposits in water can cause an overall film. 	<ul style="list-style-type: none"> • You have to call a water softener company for a special filter.

White film on inside surface	<ul style="list-style-type: none"> • Hard water minerals. 	<ul style="list-style-type: none"> • To clean the interior, use a damp sponge with dishwasher detergent and wear rubber gloves. Never use any other cleaner than dishwasher detergent for the risk of foaming or suds.
Detergent cup lid won't latch	<ul style="list-style-type: none"> • Dial is not in the OFF position. 	<ul style="list-style-type: none"> • Turn the Dial to OFF position and slide the door latch to the left.
Detergent left in dispenser cups	<ul style="list-style-type: none"> • Dishes block detergent cups. 	<ul style="list-style-type: none"> • Re-loading the dishes properly.
Steam	<ul style="list-style-type: none"> • Normal phenomenon. 	<ul style="list-style-type: none"> • There is some steam coming through the vent by the door latch during drying and water draining.
Black or gray marks on dishes	<ul style="list-style-type: none"> • Aluminum utensils have rubbed against dishes. 	<ul style="list-style-type: none"> • Use a mild abrasive cleaner to eliminate those marks.
Water standing in the bottom of the tub	<ul style="list-style-type: none"> • This is normal. 	<ul style="list-style-type: none"> • A small amount of clean water around the outlet on the tub bottom keeps the water seal lubricated.
Dishwasher leaks	<ul style="list-style-type: none"> • Overfill dispenser or rinse aid spills. 	<ul style="list-style-type: none"> • Be careful not to overfill the rinse aid dispenser. • Spilled rinse aid could cause overusing and lead to overflowing. • Wipe away any spills with a damp cloth.

	<ul style="list-style-type: none"> • Dishwasher isn't level. 	<ul style="list-style-type: none"> • Make sure the dishwasher is level.
Buttons are not working on power on state	<ul style="list-style-type: none"> • Door is open. 	<ul style="list-style-type: none"> • When door is opened, buttons are not working except Power button. Close the door and press the button.
	<ul style="list-style-type: none"> • Control lock function is selected. 	<ul style="list-style-type: none"> • When selected Control lock function, buttons are not responded. To unlock this function, hold down both the Multi tap and Delay start buttons for three (3) seconds. • Also, Control lock function is released when power cord is reconnected.




The result of washing performance may be caused by a power supply issue. Try another program before contacting for service.

ERROR CODES

If an error occurs an error code may be displayed to inform you:

Codes	Meanings	Possible Causes
4C	Water supply check	Faucets is not opened, or water intake is restricted, or water pressure is too low
LC	Leakage	Some element of dishwasher leaks.
HC	Not reaching required temperature	Malfunction of heating element
PC	Divider valve failed	Divider valve failed
AC	Failure of communication between main PCB with sub PCB	Open circuit or break wiring for the communication
bC2	Button pressed long time	Button pressed 30 seconds

 **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 over fill or small leak, the water should be removed before restarting the dishwasher.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.