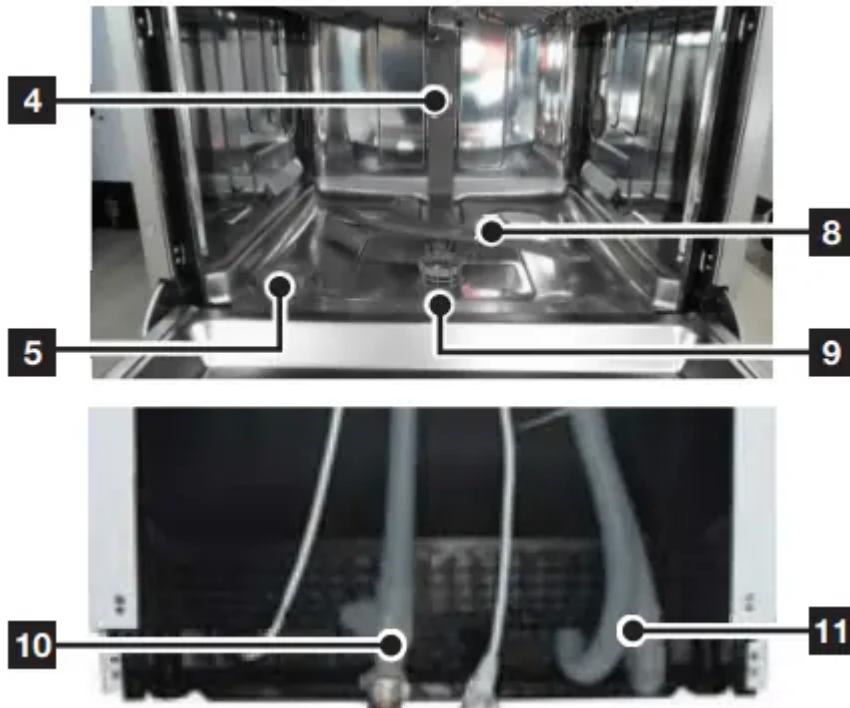


Parts and features

DISHWASHER FEATURES

Front & Rear view (DW60M5070)



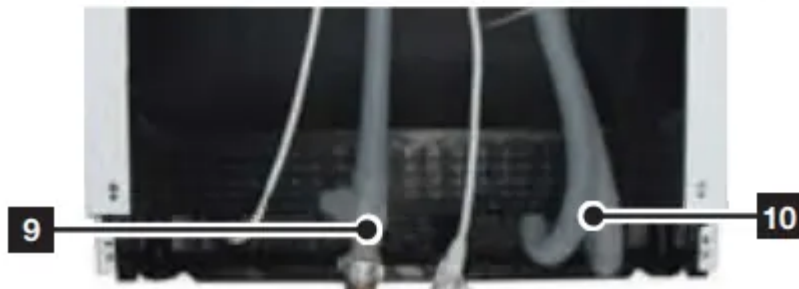
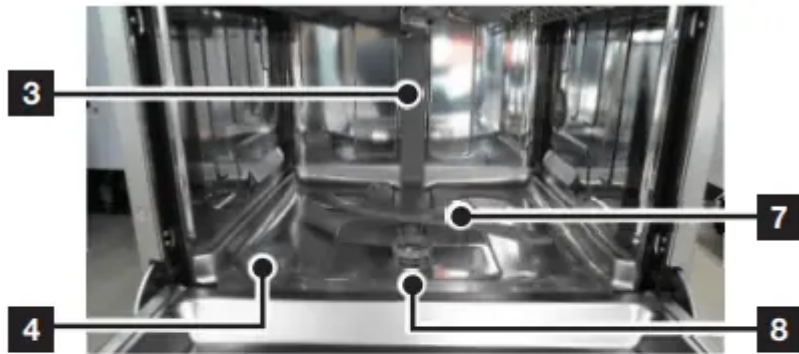
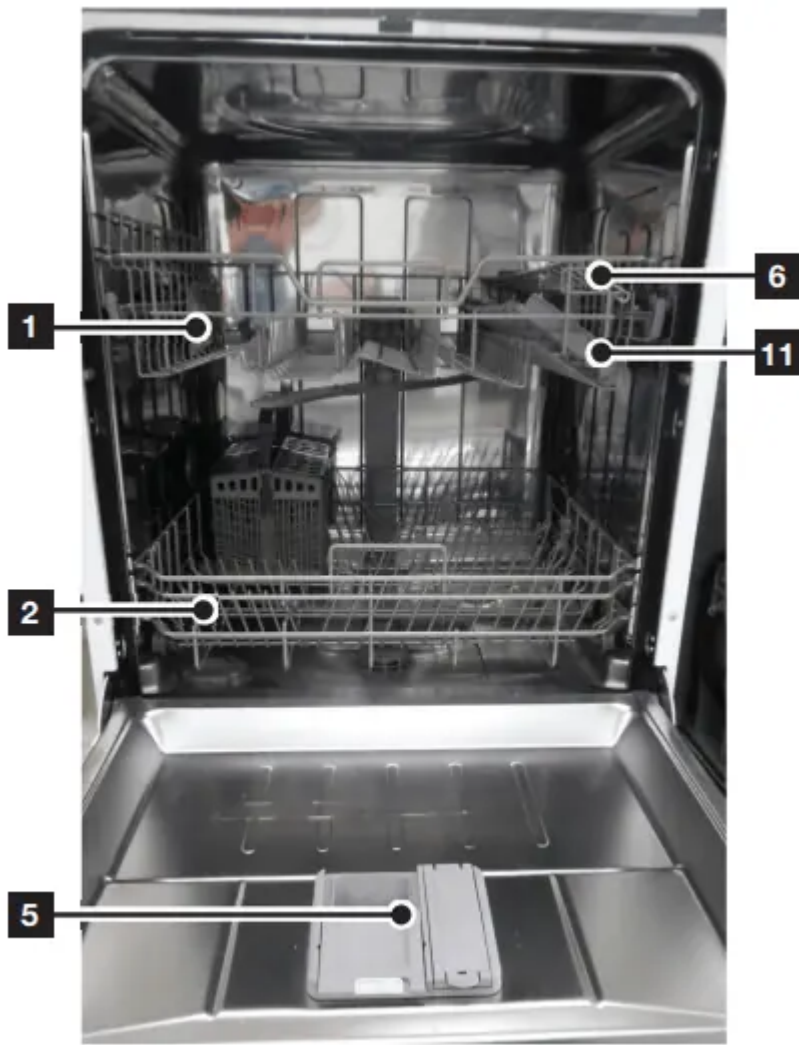


- 1 3rd Rack
- 2 Upper Basket
- 3 Lower Basket
- 4 Duct Nozzle
- 5 Salt Container
- 6 Dispenser
- 7 Cup Shelf
- 8 Spray arms
- 9 Filter assembly
- 10 Inlet hose
- 11 Drain hose

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

Front & Rear view (DW60M5050)





- 1 Upper Basket
- 2 Lower Basket
- 3 Duct Nozzle



- 4 Salt Container
- 5 Dispenser
- 6 Cup Shelf
- 7 Spray arms
- 8 Filter assembly
- 9 Inlet hose
- 10 Drain hose
- 11 Knife Rack

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

CONTROL PANEL

DW60M5070FS/DW60M5070FW/DW60M5050FS/DW60M5050FW



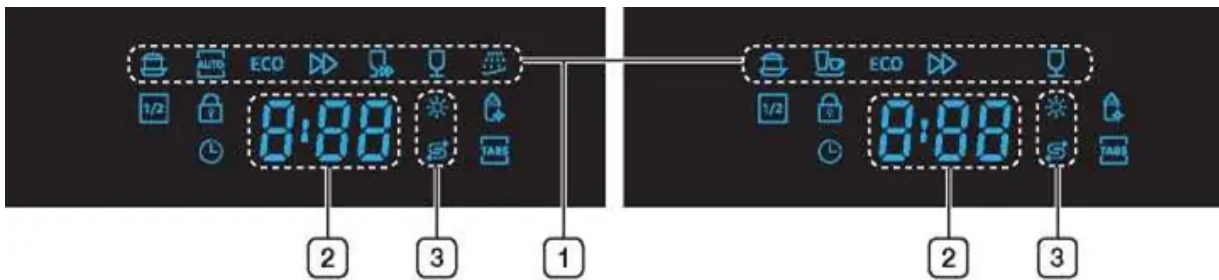
1. POWER	Press this button to turn on your dishwasher: the screen lights up.
2. Program	To select washing program press this button.
3. Half load	For small amount of loading items, press the Half load button to save energy.
4. Control lock	<p>This option allows you to lock the buttons on the control 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 the Control lock button for three (3) seconds.</p>
5. Display window	Running indicator, delay time, information codes and etc.
6. 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>
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. This function is available with all program except Quick Wash and Pre Wash.








<p>9. Multi tab</p>	<p>To select Multi tab option which needs salt and rinse aid but a Multi tab tablet. This function is available with all program except Auto, Quick Wash and Pre Wash.</p>
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
- When the door is open only the POWER button will operate.
- You can select options (Multi tab, Delay start and/or Half load) before starting a cycle

DISPLAYS

DW60M5070FS/DW60M5070FW/DW60M5050FS/DW60M5050FW



<p>1. Program icons</p>	<p>Press the Program button to select each program.</p>
<p> Intensive</p>	<p>Heavily soiled items include pots and pans</p>
<p> Auto wash</p>	<p>Lightly to heavily soiled daily using items, automatic detection of the amount of soils. (DW60M5070)</p>
<p> Normal</p>	<p>For normally soiled loads, such as pots, plates, glasses, and lightly soiled pans. (DW60M5050)</p>
<p>ECO</p>	<p>Normally soiled daily using items, with reduced energy and water consumptions.</p>
<p> Express</p>	<p>Normal daily used items, with short cycle time.</p>
<p> Quick Wash</p>	<p>Lightly soiled with very short cycle time. (DW60M5070)</p>
<p> Delicate</p>	<p>Lightly soiled delicate items.</p>
<p> Pre Wash</p>	<p>Cold water rinse for removing dirt before running another program. (DW60M5070)</p>
<p>2. Display</p>	<p>Display the remaining time, information code, or delay time.</p>
<p>3. Refill indicators</p>	<p>If Rinse or Salt Refill indicator is lit, it means rinse or salt is needed to refill.</p>

 Rinse Refill indicator	<p>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 17.</p>
 Salt refill indicator	<p>If the "Salt Refill" indicator is lit, it means the dishwasher is low on dishwasher salt and needs to be refilled.</p> <p>To refill the salt reservoir, refer to the "Loading the salt into the softener" section on page 15.</p>

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 **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 **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]



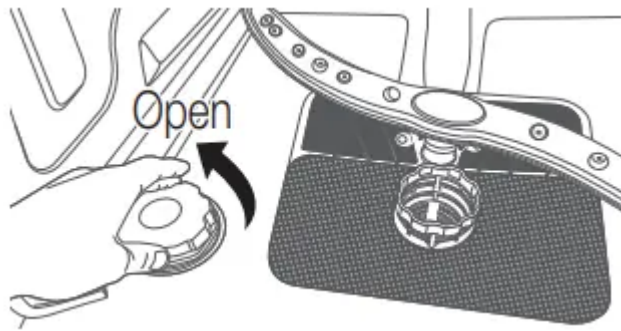
LOADING THE SALT INTO THE SOFTENER

Always use salt intended for use with dishwasher.

The salt container is located beneath the lower rack and should be filled as follows:

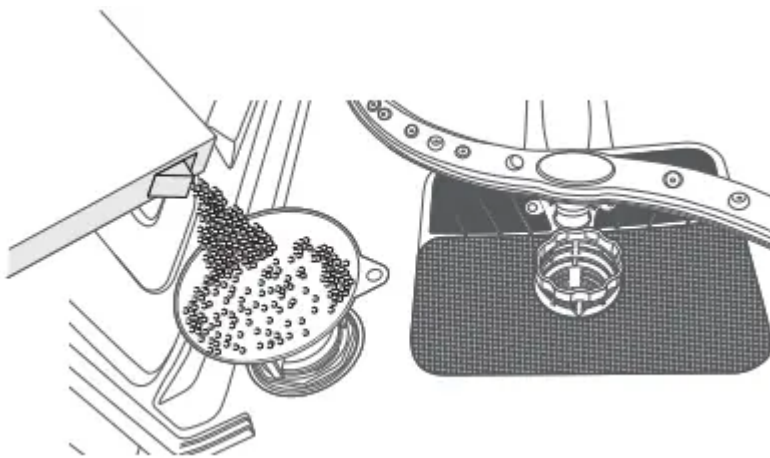
ATTENTION

- 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.

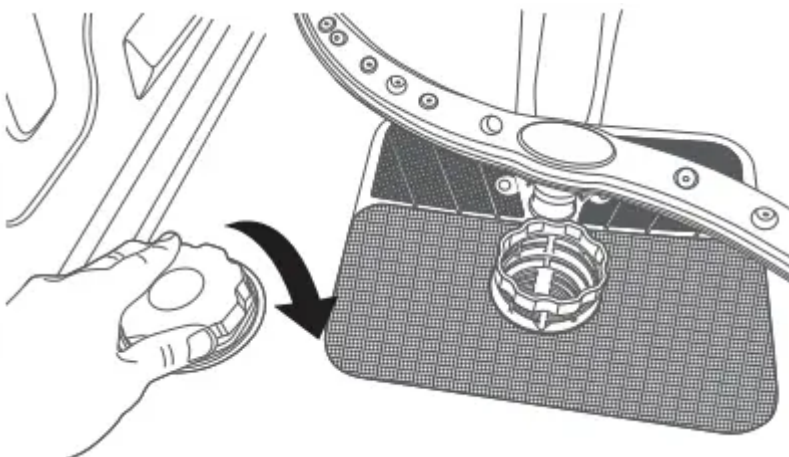


2. If you are filling the container for the first time, fill 2/3 of its volume with water (around 1 liter).

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

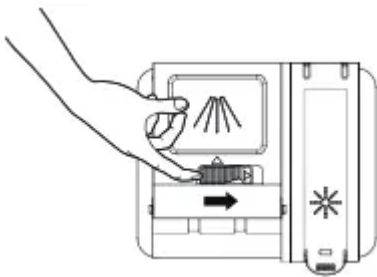
All dishwasher cycles require detergent in the detergent compartment. Add the correct amount of detergent for the selected cycle to ensure the best performance

Filling the detergent dispenser

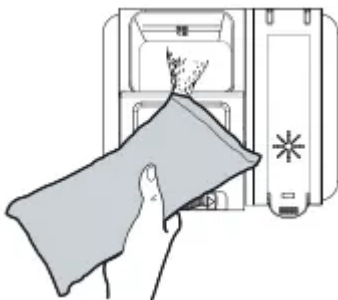
1. Open the detergent dispenser flap by pushing the detergent dispenser release catch.



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



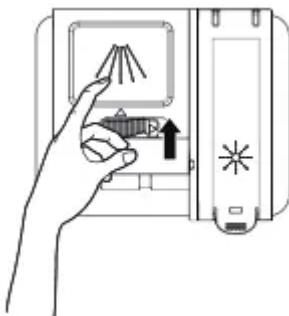
2. Add the recommended amount of detergent to the main wash detergent compartment.



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.

ADJUSTING THE AMOUNT OF RINSE AID

You can adjust the amount of rinse aid by below sequence. As good drying performance as you set the higher number.

1. Switch on the dishwasher.
2. Press the Program button for five seconds, within 60 seconds from turning on the dishwasher.(same with Softener setting mode)
3. Press the Delay start button to enter the Rinse aid setting mode.
4. The LCD shows the present rinse level. (between d1~d5)
5. Press the Program button to select the amount of rinse aid you want. the sets will change in the following sequence; d1 → d2 → d3 → d4 → d5 → d1. (The default level is d4.)
6. Select the amount of rinse aid and wait for 5 seconds to complete the setup.

HOW TO USE THE MULTI TAB OPTION

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



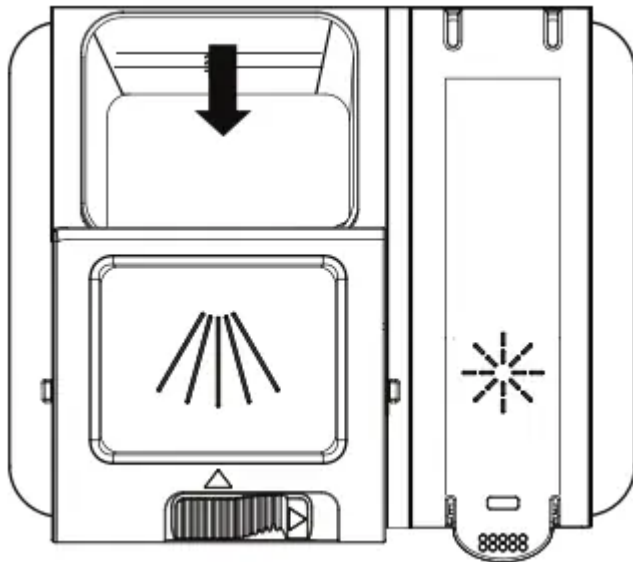
The Multi tab setting is only for use with Multi tab tablets. If using Multi tab tablet without this option, the appliance will not get its best performance.

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



When using Multi tab 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.



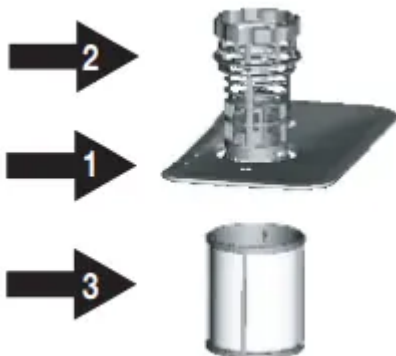
Cleaning and care

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.

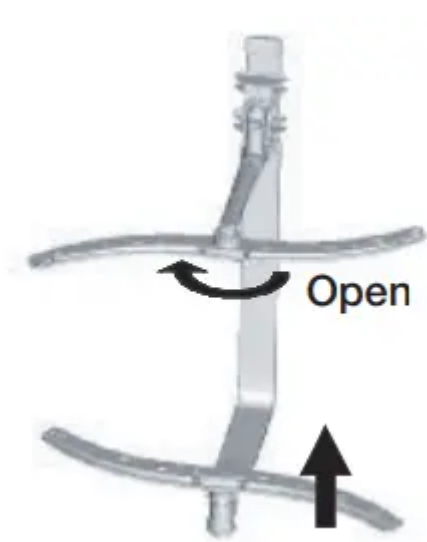


The dishwasher must never be used without the filters. Improper replacement of the filter may reduce the performance level of the appliance and damage dishes and utensils.

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 residue can 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 warm and soapy 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 cloth. 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.

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 tripped. 	<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. <p>Make sure the power cord is properly plugged into the wall socket.</p>
	<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: Wait for 20 minutes after a cycle to allow heating elements cool down before cleaning interior; Failing to follow this instruction may result in injury.</p>



	<ul style="list-style-type: none"> • Iron deposits in water can cause an overall film. 	<ul style="list-style-type: none"> • Contact a water softener company to install specialist water filtration system on the water supply.
White film on inside surface	<ul style="list-style-type: none"> • Hard water minerals. 	<ul style="list-style-type: none"> • Clean the interior, use specialist dishwasher cleaner or 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	<ul style="list-style-type: none"> • Dishes block detergent dispenser. 	<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. <p>Spilled rinse aid could cause overusing and lead to overflowing.</p> <p>Wipe away any spills with a damp cloth.</p>
	<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. <p>Close the door and press the button.</p>
	<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 the Control lock button for three (3) seconds. <p>Also, Control lock function is released when power cord is reconnected.</p>



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

INFORMATION CODES

When a fault occurs, the appliance will display information codes to warn 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

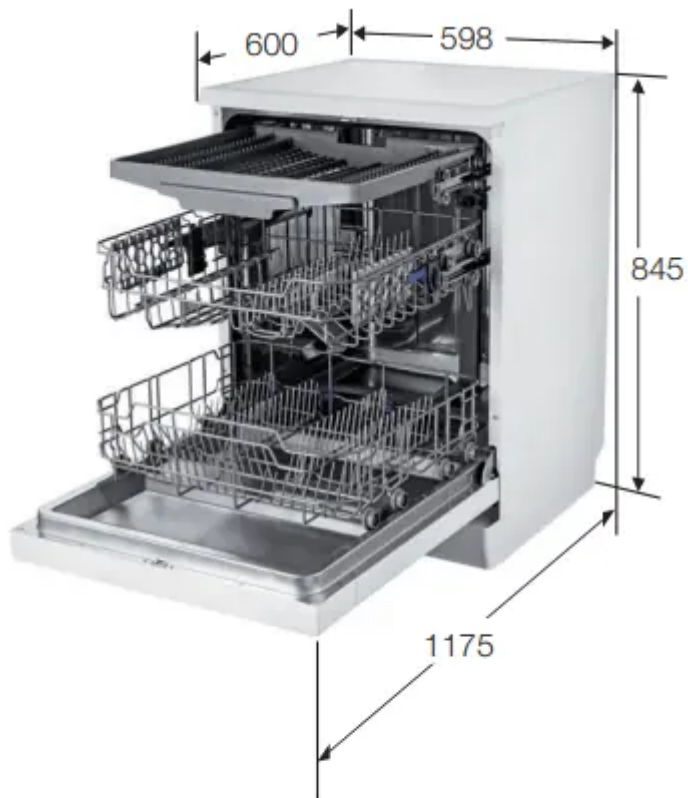
WARNING: If overflow occurs, turn off the main water supply before calling a service. If there is water in the base pan because of an over fill or small leak, the water should be removed before restarting the dishwasher.

Appendix

SPECIFICATIONS

Model	DW60M5070FS/DW60M5070FW DW60M5050FS/DW60M5050FW	
Type	Free Standing	
Power	220-240 V~, 50 Hz	
Water pressure	0.04 - 1.0 Mpa	
Rated power usage	1760-2100 W	
Hot water connection	Max 60 °C	
Dry type	Condensed dry system	
Wash type	Rotating nozzle spray	
Dimensions (Width x Depth x Height)	598 x 600 x 845 mm	
Wash capacity	DW60M5070	14 place setting
	DW60M5050	13 place setting
Weight	DW60M5070F*	Unpacked 53 kg
	DW60M5050F*	Unpacked 49 kg

PRODUCT DIMENSION



DW60M5070FS/DW60M5070FW
DW60M5050FS/DW60M5050FW

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.