

# **User Manual Book**

**Dishwasher**

**Adattare Series**

WP 2060 S

# MODENA

Thank you for your trust in choosing MODENA products for your household needs. With your satisfaction as our priority, we constantly aim to deliver stylishly designed products equipped with state-of-the-art technology to assist you in your daily activities.

This is your guidebook containing everything you need to know about our product. Please reach out to us if you need further assistance or other information via our Customer Care or our official website [www.modena.com](http://www.modena.com).

# MODENA

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## PART 1: SAFETY INFORMATION

### READ THIS MANUAL CAREFULLY!

- This appliance is intended to be used in household and similar applications such as:
  - staff kitchen areas in shops, offices and other working environments;
  - farm houses;
  - by clients in hotels, motels and other residential type environments;
  - bed and breakfast type environments.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- This appliance is for indoor use only, for household use only.
- To prevent the risk of electrical shock, do not immerse the unit, cord or plug in water or other liquid.
- Please unplug the power plug before cleaning and maintaining the appliance.
- Use a soft cloth moisten with mild soap, and then use a dry cloth to wipe it again.



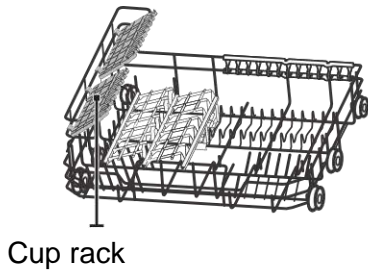
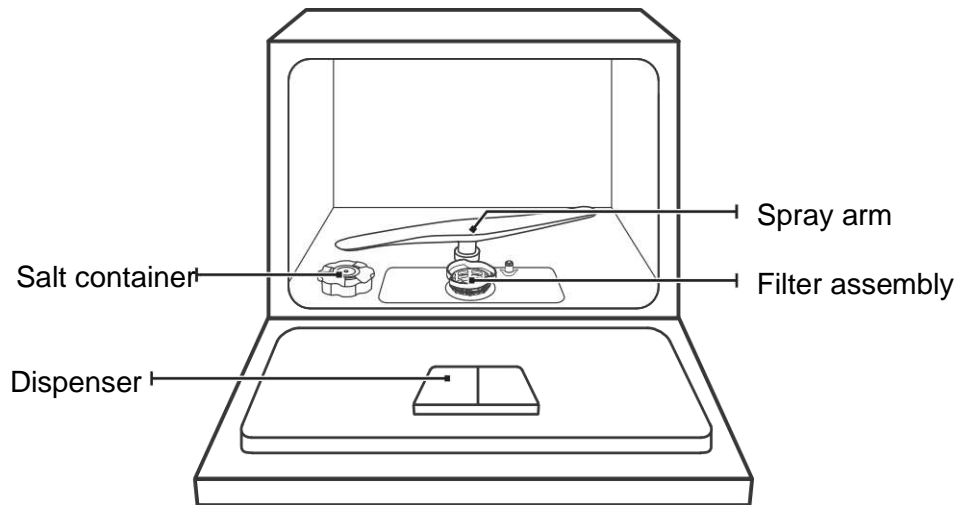
### **GROUNDING INSTRUCTION**

- This appliance must be grounded. When malfunction or breakdown occurs, grounding will reduce the risk of an electric shock by conducting the electric current to the ground. This appliance is equipped with a cord with a grounding-equipped conductor and a grounding plug.
- The plug must be plugged into an appropriate outlet that has been grounded in accordance with all of your place's safety standards.
- Do not modify the plug provided with the appliance if it does not fit with the outlet. Have a proper outlet installed by a qualified electrician.
- Improper connection of the grounding-equipment conductor can result in the risk of electric shock. Check it with qualified electrician or service representative if you are in doubt whether the appliance is properly grounded.

## **GENERAL USE**

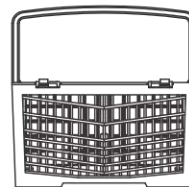
- Do not harm, sit on, or stand on the door or the dish rack of the dishwasher.
- Do not operate your dishwasher unless all panels are properly in place.
- Open the door carefully if the dishwasher is operating, there is a risk of water sprays out.
- Do not place any heavy objects on or stand on the door when it is open. The appliance could fall forward.
- When loading items to be washed: 1) Check and place sharp items to ensure they won't damage the door seal; 2) Warning: Knives and other utensils with sharp points must be loaded in the basket with their points down or placed in a horizontal position.
- Check if the detergent powder is empty after the completion of the wash cycle.
- Do not wash plastic items unless they are marked as dishwasher safe or the equivalent. For plastic items without mark, check the manufacturer's recommendations.
- Only use detergent that exclusively designed for an automatic dishwasher.
- Never use soap, laundry detergent, or hand-washing detergent for this appliance.
- Supervise the children to ensure that they do not play with the appliance.
- The door should not be left open since this could increase the risk of appliance to fall forward.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid hazard.
- During the installation, the power supply and the cord should not be bent or crushed.
- Do not tamper the controls.
- The appliance has to be connected to the water sources using new hose sets, and the old hose-sets should not be reused.
- The maximum number of place settings to be washed is 6.
- The maximum permissible inlet water pressure is 1 MPa.
- The minimum permissible inlet water pressure is 0.04 MPa.

## PART 2: NAME OF PARTS



Cup rack

Basket



Cutlery basket

## PART 3: INSTALLATION

### Installation Preparation

- The installation of dishwasher should be placed near the existing water inlet tap, the drain outlet and power socket.
- One side of the sink cabinet should be chosen to facilitate the connection of drain hoses of the dishwasher.

## Power Connection

### **WARNING!**

#### **For personal safety:**

- DO NOT use an extension cord or an adapter plug for this appliance
- DO NOT under any circumstances, cut or remove the grounding connection from the power cord

#### Electrical requirements:

Please look at the rating label to know the rating voltage and connect the dishwasher to the appropriate power supply. Use the required fuse 10 amp, time delay fuse or recommended circuit breaker and provide separate circuit for this appliance only.

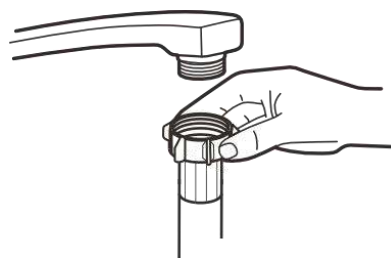
#### Electrical connection:

Ensure the voltage and frequency of the power source match with the rating plate. Only insert the plug to an electrical socket that properly grounded. If the electrical socket is not suitable with the appliance's plug, replace the socket rather than using an adapters as it could cause overheating and risk of fire.

Ensure that the grounding connection is proper before using the dishwasher!

## 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 first to make sure that the water is clean and free of dirt. If this precaution is not taken, there is a risk that the water inlet get blocked and damage the appliance.

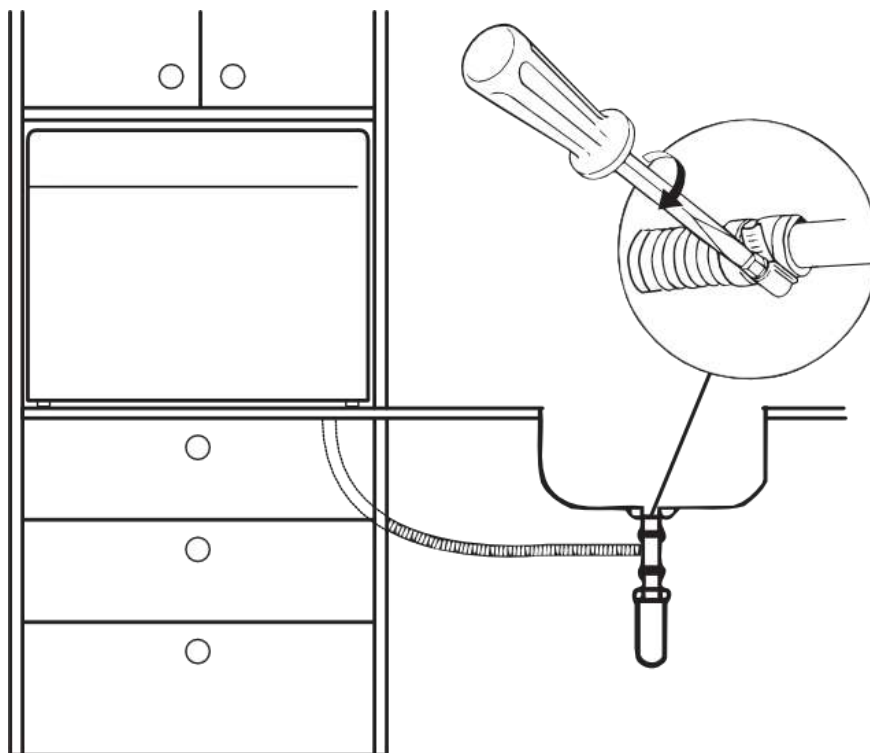
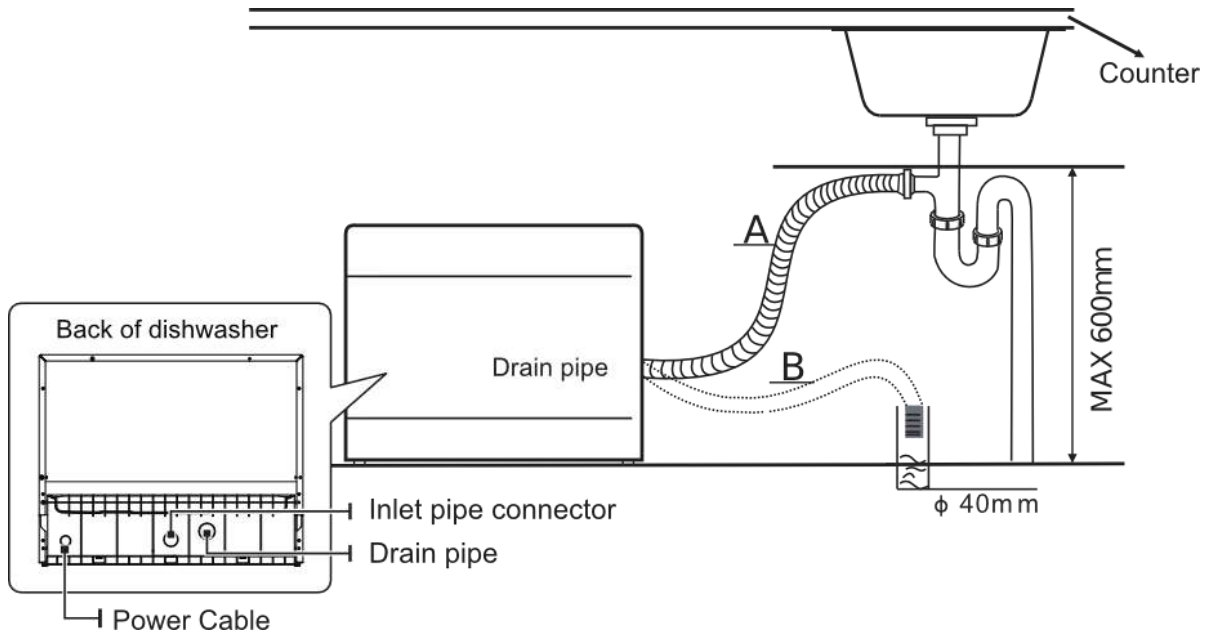


Please Note: If the supplied hose does not fit your tap, please contact your local plumbing supply center where adapters are available for purchase.

## Drain Hose Connection

Insert the drain hose into a drain pipe with a minimum diameter of 40 mm, or let it run into the sink, make sure to avoid bending or crimping the hose. The height of drain pipe must be less than 600mm. The free end of the hose must not be submerged in water to avoid the back flow.

Ensure the drain hose is locked properly in either position A or position B!





### How to Drain Excess Water

If the sink is 1000 mm higher or more than the floor, the excess water in hoses cannot be drained directly to the sink. It will be necessary to drain the excess water from hoses to a bowl or bucket or suitable container that is held outside and is lower than the sink.

### Water Outlet

Connect the water drain hose. The drain hose must be installed properly to avoid water leaks. Ensure that the water drain hose is not kinked or crushed.

### Extension Hose

If you need a drain hose extension, make sure to use a similar drain hose. It must be no longer than 4 meters, otherwise the cleaning effect of the dishwasher could be reduced.

### Syphon Connection

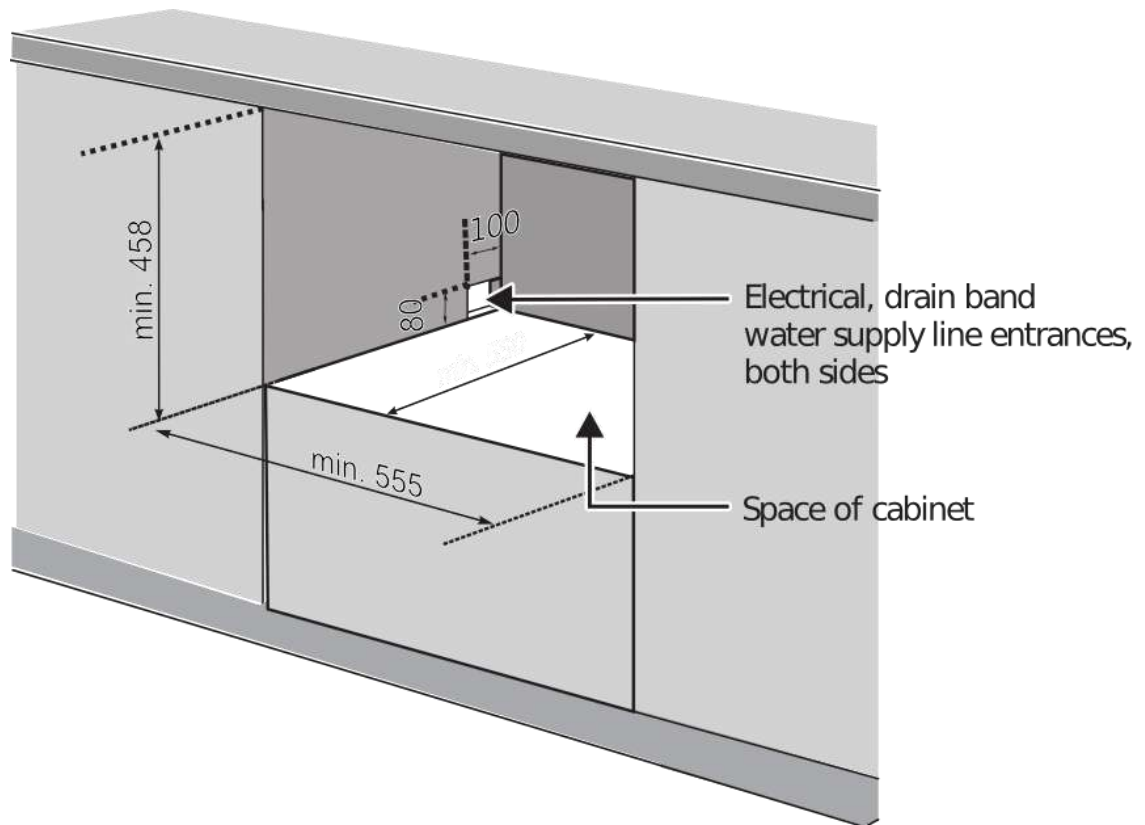
The waste connection must be at a height less than 100 cm (maximum) from the bottom of the dish. The water drain hose should be in a fixed condition.

## **Positioning the Appliance**

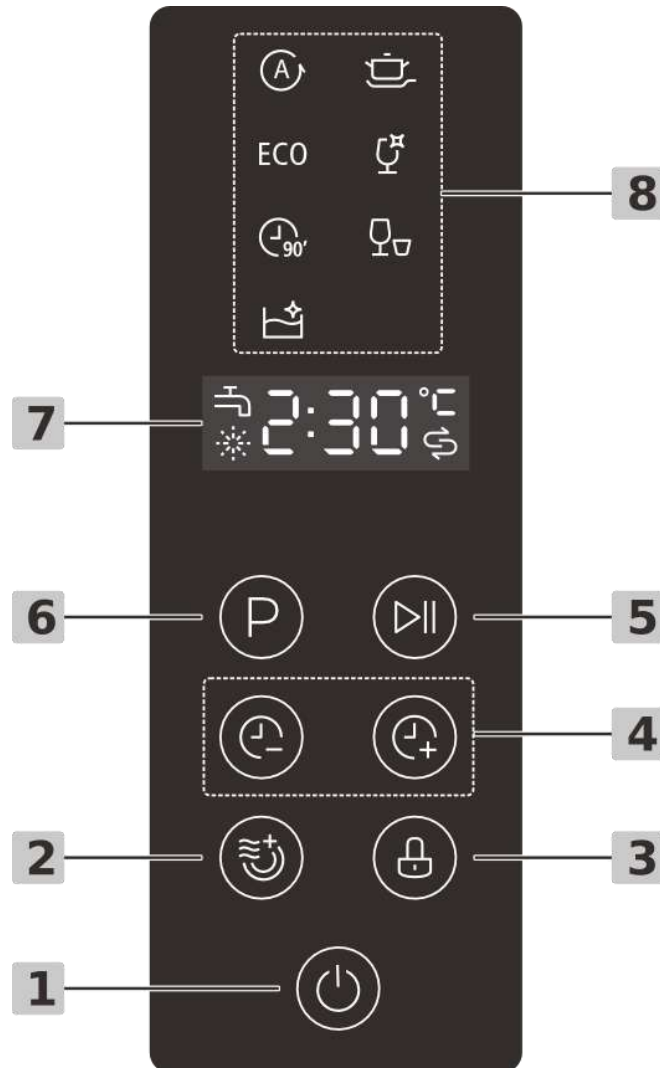
Position the appliance in the desired location. The back should stick to the wall behind it, and the sides to the adjacent cabinets or wall. The dishwasher is equipped with water inlet hose and drain hose that can be positioned to the right or the left to facilitate proper installation.

This appliance can be installed as a countertop, under counter, or built-in configuration.










## Built-in Installation:



## PART 4: HOW TO USE



<b>1 Power</b>	Press this button to turn on the dishwasher. When turned on the screen lights will light up.
<b>2 Extra Drying</b>	For better drying result (can only be used with Intensive, ECO, Glass, 90 min program)
<b>3 Child lock</b>	This option allows you to lock the buttons on the control panel, so the children cannot accidentally start the dishwasher by pressing the buttons on the panel. Only the Power button remains active. To lock or unlock the buttons on the control panel, press and hold the button for 3 seconds.
<b>4 Delay +/-</b>	Press the "+" button to add the delay time or press the "-" button to decrease the delay time. The delay time can be adjusted up to 24 hours.

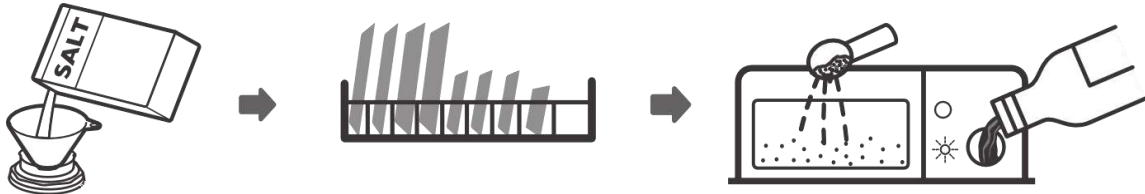
<p><b>5 Start/Pause</b></p>	<p>To start the selected washing program or pause it when the dishwasher is working.</p>
<p><b>6 Program</b></p>	<p>Selection of the washing program. Select the appropriate washing program and the program's indicator light will turn on.</p>
<p><b>7 Screen</b></p>	<p> <b>Rinse Aid</b> If this indicator light turns on, it means the dishwasher is low on rinse aid and requires a refill.</p> <p> <b>Salt</b> If this indicator light turns on, it means the dishwasher is low on dishwasher salt and needs to be refilled.</p> <p> <b>Water Faucet</b> If the indicator is lit, it means the water faucet is closed</p> <hr/> <p> To show the selected program temperature, remaining time and delay time, error codes etc.</p>
<p><b>8 Program indicators</b></p>	<p> <b>Auto</b> Light to heavily soiled items, automatically detect the amount of soils.</p> <hr/> <p> <b>Intensive</b> For heavily soiled dishes and normally soiled pots, pans, dishes etc. with dried-on food.</p> <hr/> <p><b>ECO ECO</b> This is the standard program, it is suitable to clean normally soiled tableware and it is the most efficient program in terms of its energy and water consumption.</p> <hr/> <p> <b>Glass</b> For lightly soiled crockery and glass.</p> <hr/> <p> <b>90 min</b> For normally soiled plates that need a quick wash.</p> <hr/> <p> <b>Rapid</b> A shorter wash for lightly soiled tableware that do not need drying.</p>



## Self Cleaning

This program provides an effective cleaning of the dishwasher itself.

### Before using your dishwasher



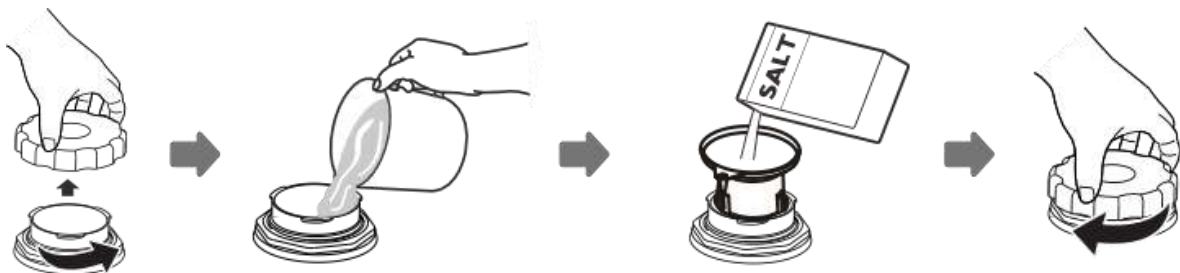
1. Set the water softener
2. Load the salt into the salt container
3. Load the basket
4. Fill the rinse aid and detergent dispenser

### Filling the Salt into the Salt Container

If your model does not have salt container, you may skip this section. The salt container is located beneath the basket and should be filled as follows:

#### **WARNING!**

- Only use salt specifically designed for dishwashers use! Every other type of salt not specifically designed for dishwasher use, 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 damages caused.
- Only fill the salt before running a cycle. This will prevent any grains of salt or salty water, which may have been spilled and remain on the bottom of the machine for any period of time, which may cause corrosion.



- A. Remove the basket and then remove the cap from the salt container by rotating it counter-clockwise.
- B. Before the first cycle of washing, add 1 liter of water to the salt container.
- C. Place the end of the funnel (supplied) into the hole and add about 0.13 kg of salt. It is normal for a small amount of water to come out of the salt container.
- D. After filling the container, put the cap on tightly by rotating it in a clockwise direction.
- E. Usually, the salt indicator light will turn off in 2-6 days after the salt container has been filled.
- F. Immediately start a washing program (Rapid program suggested) after filling the salt into the salt container. Otherwise, the filter system, pump or other important parts of the machine may be damaged by the salt water. This will cancel the product's warranty.

**NOTE:**

- The salt container must only be refilled when the salt warning light in the control panel turns on. Depending on how much the salt dissolves, the salt warning light may still turn on even though the salt container has been filled. If there is no salt warning light in the control panel (For some Models), you can judge when to refill the salt by the cycles that the dishwasher had run.
- If there are spills of the salt, a rapid program should be run to remove the remains of the salt.

### **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 optimize and adjust the level of salt consumption.

Please follow these steps below for adjustment in salt consumption.

1. Turn on the appliance;
2. Press the Start/Pause button for more than 5 seconds to start the salt settings mode within 60 seconds after the appliance is turned on;
3. Press the Start/Pause button to select the proper setting according to your local environment, the setting will change in the following sequence: H1->H2->H3->H4->H5->H6;

4. If there is no operation within five seconds, the machine will exit from the setting mode and the machine goes into the standby status.

There are 6 levels of salt consumption in all. It is recommended to select the level according to below table:

WATER HARDNESS		Setting on the water softener	Digital display
°dH <sup>1)</sup>	Mmol/l <sup>2)</sup>		
0 - 5	0.0 - 0.9	1	H1
6 - 11	1.0 - 2.0	2	H2
12 - 17	2.1 - 3.0	3	H3
18 - 22	3.1 - 4.0	4 <sup>3)</sup>	H4
23 - 34	4.1 - 6.1	5	H5
35 - 45	6.2 - 8.0	6	H6

- 1) German unit of measurement for water hardness  
 2) Millimole, international unit of measurement for water hardness  
 3) Default factory setting

Contact your local water institution for information on the water hardness

## **Filling the Basket**

Recommendation:

- Consider buying tableware which identified as dishwasher safe.
- Use a mild detergent that is safe for dishes. If necessary, seek further information from detergent manufacturers.
- For particular items, select a program with the lowest possible temperature.
- To prevent damage, do not take glass and cutlery out of the dishwasher immediately after the program just ended.

## **Suitability of use**

<b>Not suitable:</b>	<b>Limited Suitability:</b>
<ul style="list-style-type: none"> <li>● Cutlery with wooden, horn, or mother-of-pearls handles</li> <li>● Plastic items that are not heat resistant</li> <li>● Older cutlery with glued parts that are not heat resistant</li> </ul>	<ul style="list-style-type: none"> <li>● Some glasses may look dull after a large number of washes.</li> <li>● Silver and aluminum have a tendency to discolor during the washing process.</li> <li>● Glazed patterns may fade if washed frequently.</li> </ul>

<ul style="list-style-type: none"> <li>● Bonded cutlery items or dishes</li> <li>● Pewter or copper items</li> <li>● Crystal glass</li> <li>● Steel items subject to rusting</li> <li>● Wooden items</li> <li>● Items made from synthetic fibers</li> </ul>	
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**Attention before and after filling the baskets**

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

Scrape off any large food particles. Soften burnt food particles in pans. It is not necessary to rinse the dishes under running water. Place objects in the dishwasher in following way:

- Items such as cups, glasses, pots/pans, etc. should face downwards.
- Curved items or those with niche, should be placed on a tilted position so the water can run off.
- All tableware are neatly arranged and not fall easily.
- All tableware are placed in the way that the spray arms can rotate freely during washing.

**NOTE:**

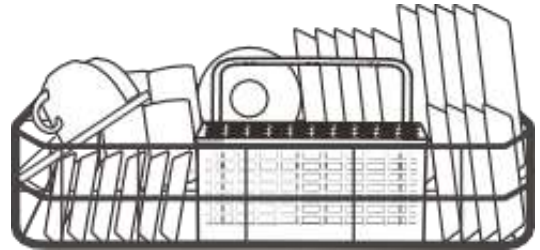
Very small items should not be washed in the dishwasher as they could easily fall from the basket

- Insert hollow items such as cups, glasses, pans etc. facing downwards so the water does not get collected in the cavity.
- Plates and cutleries must not lie on or cover each other.
- To avoid damage to glasses, they must not touch each other.
- Long bladed knives stored vertically are dangerous!
- Long and/or sharp items of cutlery such as carving knives must be positioned horizontally in the basket.
- Please do not overload your dishwasher. This is important for good results and for reasonable energy consumption.



### Filling The Basket

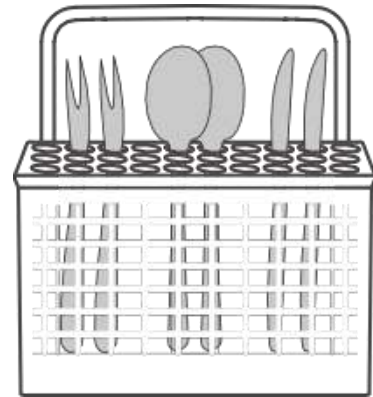
All tableware can't be placed face up to improve the cleaning area and the washing performance, it is recommended to place the dirty side towards the spray arm. Please don't let the tableware out of the bottom basket to make sure they don't block the movement of the spray arm. The maximum diameter of plates that can be placed in front of the dispenser is 19 cm, this is to ensure that the door can be closed tightly.



### Filling The Cutlery Basket

For personal safety and a top quality cleaning, place the cutlery in the basket making sure that:

- They do not stacked together.
- Cutlery is placed with the handles on the bottom.
- But place knives and other potentially dangerous utensils with the handles on top.



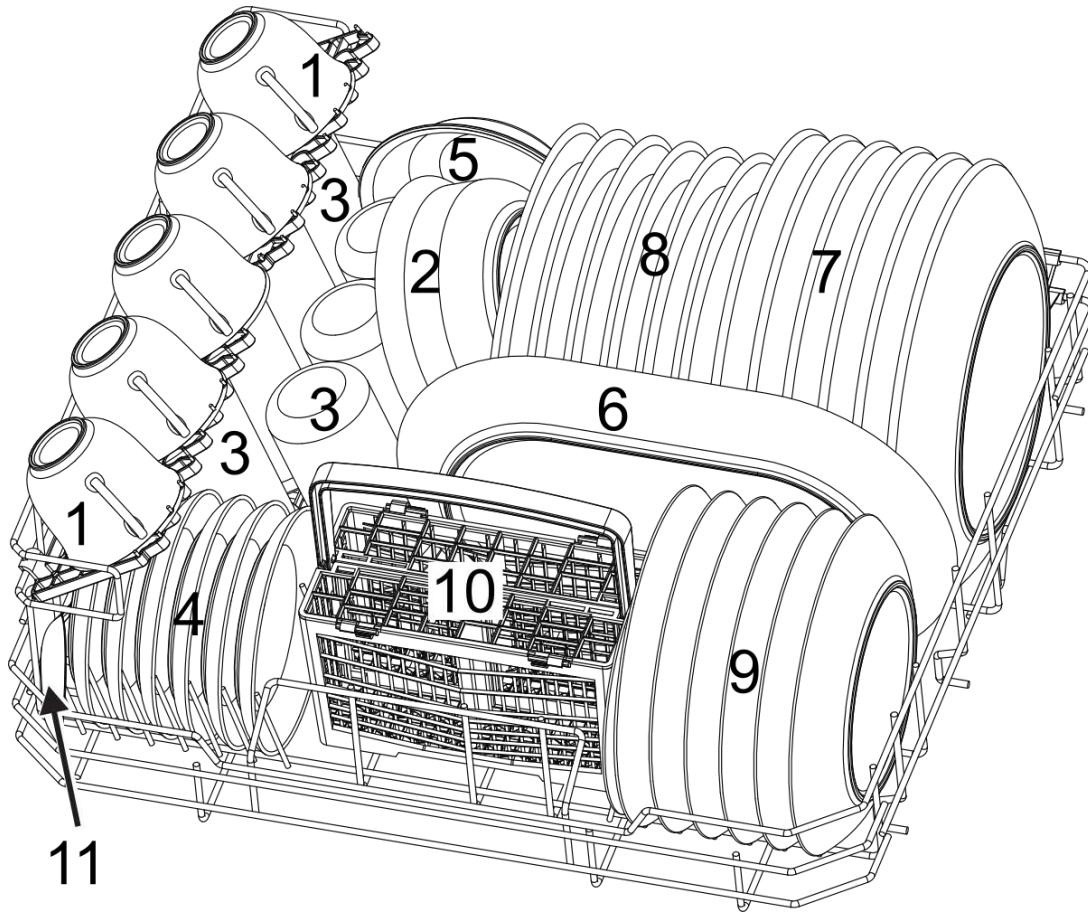
### **WARNING:**



**Do not let any item extend through the bottom. Always place the sharp utensils with the sharp tip facing down!**

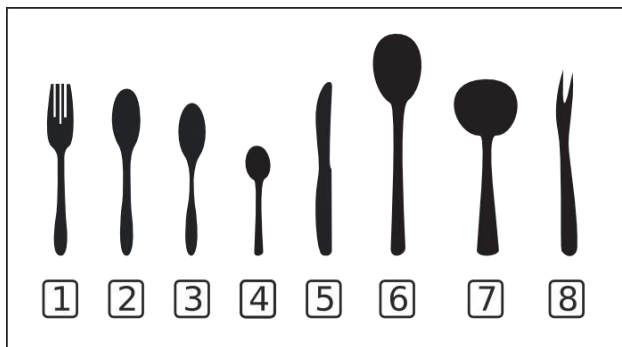
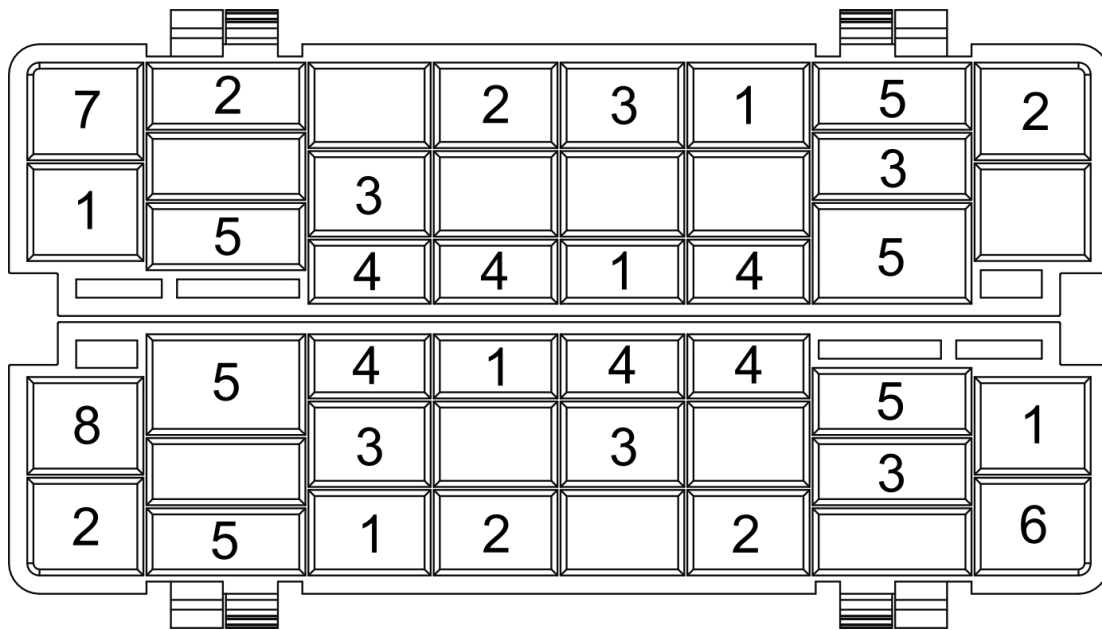
## LOADING THE BASKETS ACCORDING TO EN50242

### 1. Basket



No.	Item
1	Cups
2	Medium serving bowl
3	Glasses
4	Saucers
5	Dish
6	Oval platter
7	Dinner plates
8	Soup plates
9	Dessert dishes
10	Cutlery basket
11	Serving spoons

## 2. Cutlery Basket



No.	Item
1	Forks
2	Soup spoons
3	Dessert spoons
4	Teaspoons
5	Knives
6	Serving spoons
7	Gravy ladle
8	Serving forks

Information on comparability tests in accordance with EN 50242

- Capacity: 6 place settings
- Program: ECO
- Rinse aid setting: 6
- Softener setting: H4

## **Function of Rinse Aid and Detergent**

The rinse aid is released during the final rinse to prevent water from forming droplets on your dishes, which can leave spots and streaks. It also improves drying by allowing water to roll off the dishes. Your dishwasher is designed to use liquid rinse aids.

### **WARNING!**

Only use branded rinse aid for dishwasher. Never fill the rinse aid dispenser with any other substances (e.g. Dishwasher cleaning agent, liquid detergent). This would damage the appliance.

## **When to refill the Rinse Aid dispenser**

Unless the rinse-aid warning light (✱) on the control panel is on, you can always estimate the amount from the color of the optical level indicator located next to the cap. When the rinse-aid container is full, the indicator will be fully dark. The size of the dark dot decreases as the rinse-aid diminishes. You should never let the rinse aid level be less than 1/4 full. As the rinse aid diminishes, the size of the black dot on the rinse aid level indicator changes, as illustrated below.

● Full      ● 3/4 Full      ● 1/2 Full      ● 1/4 Full      ○ Empty

## **Function of the Detergent**

The chemical ingredients that compose the detergent are necessary to remove, crush, and dispense all dirt out of the dishes. Many commercial detergents are suitable for this purpose.

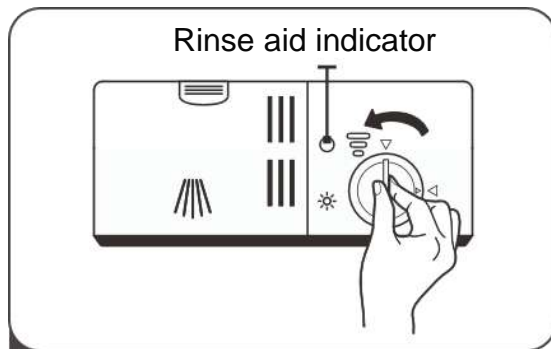
### **WARNING!**

- **Proper Use of Detergent**

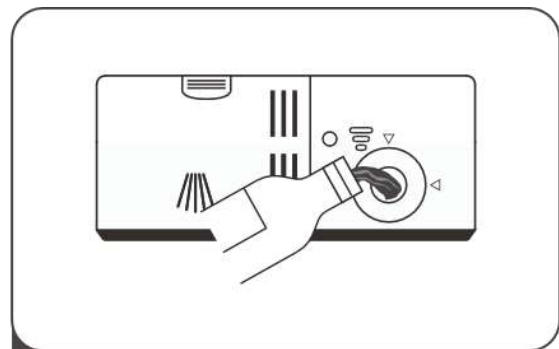
Use only detergent specifically made for dishwashers use. Keep your detergent fresh and dry. Don't put powdered detergent into the dispenser until you are ready to wash dishes. Do not use other type of detergent as it may damage the appliance.

- **Dishwasher detergent is corrosive! Keep dishwasher detergent out of the reach from the children.**

## Filling The Rinse Aid Dispenser



**1** Remove the rinse aid dispenser cap by rotating it counter clockwise.



**2** Carefully pour the rinse-aid to the dispenser, whilst avoiding it from overflowing.

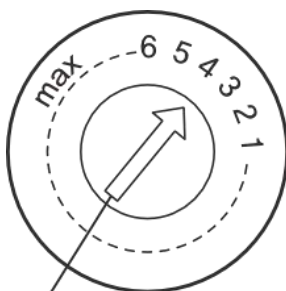


**3** Close the rinse aid dispenser cap by rotating it clockwise.

### **NOTE:**

Clean up any spilled rinse aid with an absorbent cloth to avoid excessive foaming during the next wash.

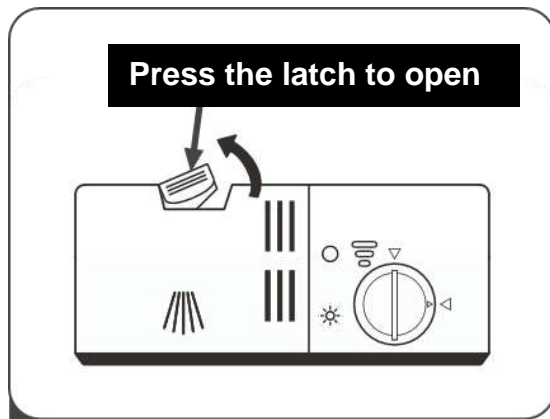
## Adjusting the Rinse Aid reservoir



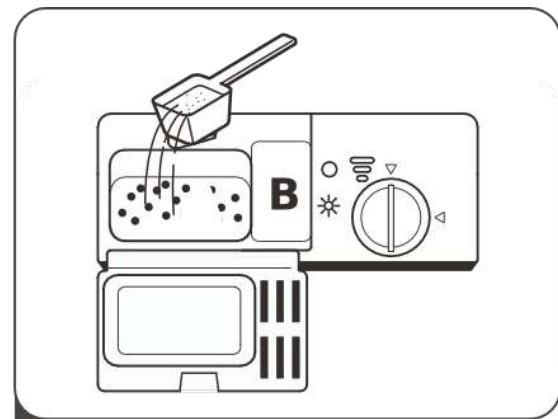
Adjuster dial

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 the dishes are not dried properly or still have spots, adjust the dial to the higher number until your dishes are spot-free. Reduce it if there are sticky whitish stains on your dishes or a bluish film on glassware or knife blades.

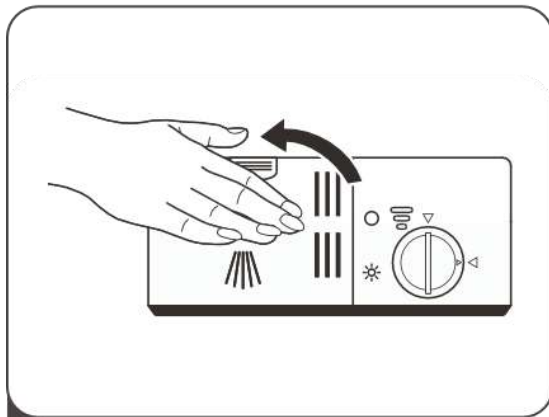
## Filling The Detergent



- 1 Press the latch on the detergent dispenser to open the cover.



- 2 Add detergent into the larger cavity (A) for the main wash cycle. For more heavily soiled wash loads, also add some detergent into the smaller cavity (B) for the pre-wash cycle.



- 3 Close the cover and press on it until it locks into place.

### **NOTE:**





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



## Dishwasher Programs

### Wash Cycle Table

The table below shows which programs are best for the levels of soils and food particles on them and how much detergent is needed. It also shows various information about the programs.

(●) Means: need to fill the rinse aid to the Rinse-Aid Dispenser.

Program	Description of Cycle	Detergent Pre/Main	Time (min)	Energy (kWh)	Water (L)	Rinse aid
 <b>Auto</b>	Prewash (45°C) Auto wash (45-55°C) Rinse Rinse (65°C) Drying	3/15g 1 or 2 pieces	150	0.9-1.3	11-15	●
 <b>Intensive</b>	Pre-wash (50°C) Wash (70°C) Rinse Rinse Rinse (70°C) Drying	3/15g 1 or 2 pieces	140	0.9	10	●
<b>ECO</b> <b>*EN50242</b>	Pre-wash Wash (50°C) Rinse Rinse (70°C) Drying	3/15g 1 piece	195	0.61	6.5	●
 <b>Glass</b>	Wash (45°C) Rinse Rinse (60°C) Drying	18g 1 piece	75	0.5	7	●
 <b>90 min</b>	Wash (65°C) Rinse (70°C) Drying	18g 1 piece	90	0.65	7	●

 <b>Rapid</b>	Wash (40°C)	15g	30	0.23	6	○
	Rinse					
	Rinse (40°C)					
 <b>Self-cleaning</b>	Wash (70°C)	15g	80	0.58	6.6	●
	Rinse					
	Rinse (65°C)	1 piece				
	Drying					

**NOTE:**

**EN 50242:** This program is the test cycle. The information for comparability test in accordance with EN 50242, are as follows: The power consumption in off-mode is 0.49W, and in standby mode is 0.49W

### Turning On The Appliance

Starting a wash cycle:

1. Draw out the basket (see "Loading the Basket").
2. Pour in the detergent (see "Filling the detergent").
3. Insert the plug into the socket. The power supply is 220-240VAC 50 Hz, the specification of the power socket is 10A 250 VAC.
4. Press the power button to turn on the appliance,
5. Connect the inlet hose to the tap, make sure that the water supply is turned on to full pressure
6. Select a suitable program according to the "Wash cycle table";
7. If a program is selected, the selected program's light will turns on. Then press the Start/ Pause button to start the dishwashing process.

**NOTE:**

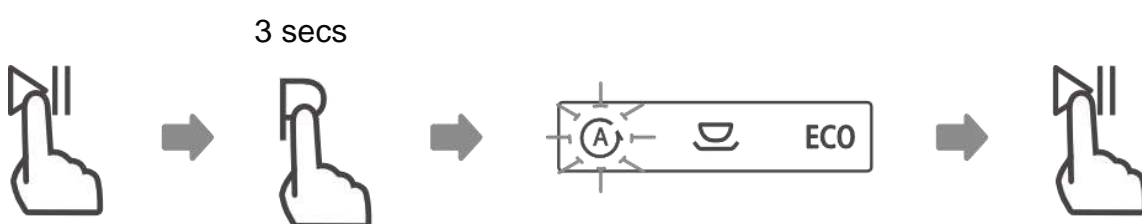
When you press the Start/Pause button to pause the process, the dishwasher will rings every minute unless you press the Start/Reset button again.



## Changing The Program

Premise: You can modify the washing program if the dishwasher have just worked for a short time. Otherwise, the detergent may have been released and the appliance has started the program and the water has been used. In this case, the cycle must be restarted.

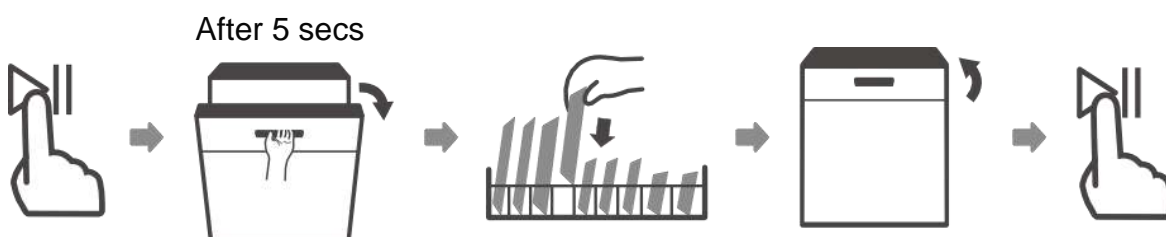
1. Press Start/Pause Button to pause the machine when the door is closed,
2. Press Program Button more than 3 seconds to cancel the program.
3. Press the Program button to select the desired program
4. Press Start/Pause button, after 10 seconds, the dishwasher will start



## Adding Dish

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

1. Press the Start/Pause button to pause the washing process
2. Wait for 5 seconds then open the door
3. Add forgotten dishes.
4. Close the door.
5. Press the Start/Pause button, after 10 seconds the dishwasher will run again.



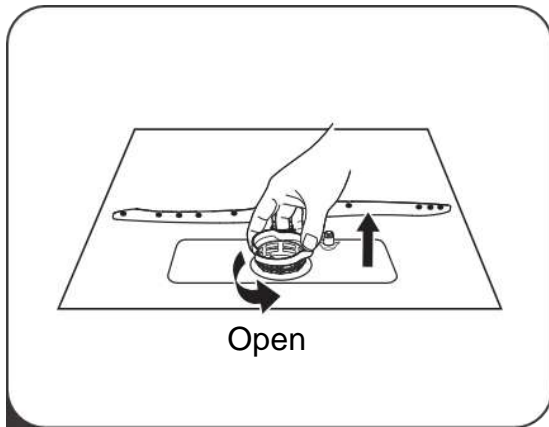
### **WARNING:**

It is dangerous to open the door when the washing process runs, because the hot water may give you burns.

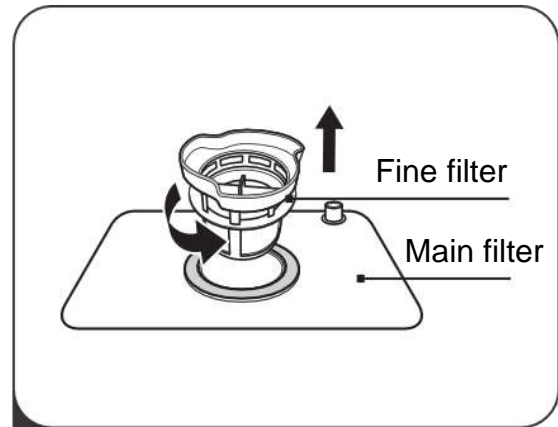
## PART 5: MAINTENANCE

### Filter System

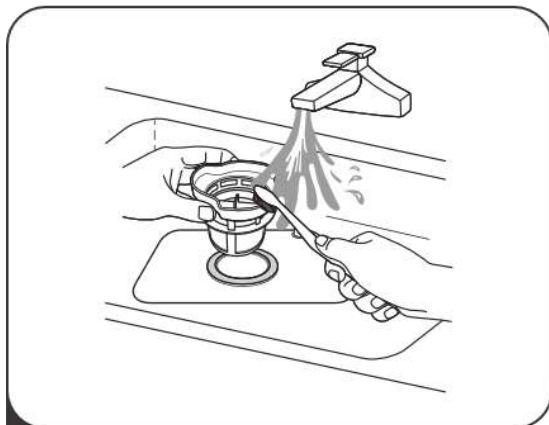
The filtering system in the base of the lower cabinet filters the large food particles from the washing cycle. The collected food particles may cause the filters to clog. Check the condition of the filters regularly and clean them if necessary under running water. Follow the steps next page to clean the filters in the wash cabinet.



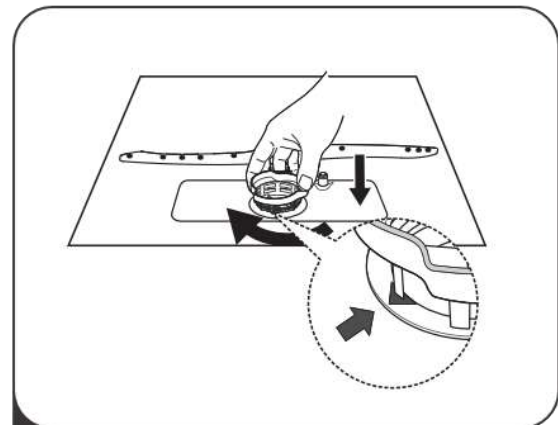
- 1 Hold the main filter and rotate it counter clockwise to unlock the filter. Lift the filter upwards and out of the dishwasher.



- 2 Lift the fine filter to remove it from the main filter.



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



- 4 Reassemble the filters in the reverse order, insert the filter and rotate it clockwise until the arrow points to "close".

### **WARNING:**

- Do not over tighten the filter. Put the filter properly, otherwise the food particles could get into the system and cause a blockage.
- Never use the dishwasher without filters. Improper placement of the filter may reduce the performance level of the appliance and damage dishes and utensils.

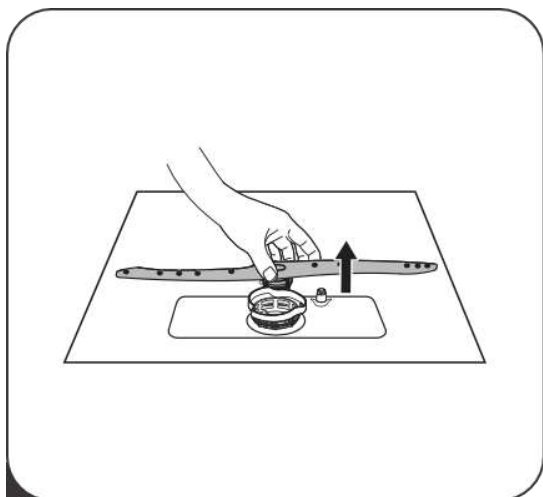
- Inspect the filters for blockage after every usage of the dishwasher.
- By unscrewing the coarse filter, you can remove the filter system. Remove any food particles and clean the filters under running water.

### **WARNING:**

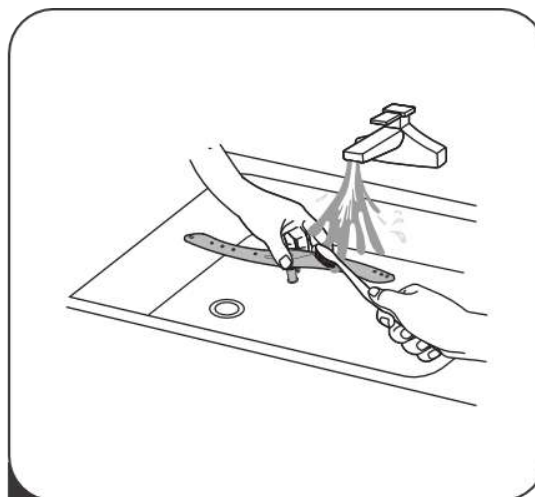
When cleaning the filters, don't knock on them. Otherwise, the filters could be contorted and the performance of dishwasher could be decreased.

## **Spray Arms**

It is necessary to clean the spray arm regularly because water with hard chemicals composition will clog the spray arm jets and bearings. To clean the spray arm, follow the instructions below:



- 1** To remove the spray arm, pull out the spray arm upward.



- 2** Wash the spray arm with warm soapy water and use a soft brush to clean the jets. Re-install them after rinsing them thoroughly.

## PART 6: POINTS OF ATTENTION

### How to Keep Your Appliance In Shape

#### After every wash

After every usage, turn off the water supply to the appliance and leave the door slightly open so the moisture and odors are 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. Only use a cloth with warm soapy water.

To remove spots or stains from the surface of the interior, use a cloth dampened with water and a little vinegar, or a cleaning product made specifically for dishwashers.

#### When not in use for a longtime

It is recommend that you run a wash cycle with empty load and then remove the plug from the socket, leave the door of the appliance open. This will help the door seals to last longer and prevent odors from forming within the appliance.

#### Moving the appliance

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

### **Disposal of your old appliance**



The symbol on the product or on its packaging indicates that this product should not be treated as household waste. Instead it should be handed over to the applicable collection point for recycling the electronic equipment. By ensuring this product is disposed correctly, you will help to prevent potential negative consequences for the environment and human health, which could 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 you purchased the product.

## PART 7: TROUBLESHOOTING

Please review the chart below before contacting the call center:

Problem	Possible Causes	Solution
Dishwasher doesn't start	Fuse blown, or the circuit breaker tripped.	Replace fuse or reset the 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.
	Error code:E1; 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 coarse filter
	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.
Suds in the tub	Wrong detergent	Use only the dedicated dishwasher detergent to avoid suds. If suds exist in the washer. Open the door for 20-30 minutes to allow the foam to evaporate. If the foam still exists in the liner. Add 1.5L of water to the liner, close the dishwasher door and run a forced drain to drain it with the water. Repeat above operation until the foam is cleared.

<b>Problem</b>	<b>Possible Causes</b>	<b>Solution</b>
Stained tub interior	Detergent with colorant may have been used	Make sure that the detergent has no colorant
White film on inside surface	Hard water minerals	To clean the interior, use a damp sponge with dishwasher detergent and wear rubber gloves. Never use any other cleaner than dishwasher detergent. Otherwise, it may cause foaming or suds
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 tableware after adding salt.
	The cap of the salt container is loose.	Check whether the salt container is properly closed
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 tableware are loose in the dishwasher.	Interrupt the program and rearrange the items of tableware
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 you are in doubt, contact a qualified plumber.
The dishes are not clean	The dishes were not loaded correctly.	See notes in "Loading & unloading your dishwasher".
	The program was not powerful enough.	Select a more intensive program

<b>Problem</b>	<b>Possible Causes</b>	<b>Solution</b>
	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.
Glassware look muddy	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 to get them clean.
White spots appear on dishes and glasses.	Hard water can cause white spots	Add more detergent.
Black or gray marks on dishes	Aluminum cutlery rubbed against dishes	Use a mild abrasive cleaner to eliminate those marks.
The dishes are not dry	Improper loading	Load the dishwasher as suggested in the directions.
	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's temperature is safe to touch. Unload the lower basket first to prevent the dropping water from the upper basket.

Problem	Possible Causes	Solution
	Wrong program has been selected.	With a short program, the washing temperature is lower, decreasing cleaning performance. Choose a more intense program with longer washing time.
	Cutlery with a low-quality coating	Water drainage is more difficult with these items. Cutlery or dishes of this type are not suitable to be washed in the dishwasher.

### **Error Codes**

When malfunction occurs, the appliance will show error codes to warn you:

Codes	Meaning	Possible Causes
<b>E1</b>	Longer inlet time	Faucets is not opened, or water intake is restricted, or water pressure is too low.
<b>E3</b>	Not reaching required temperature	Malfunction of heating element
<b>E4</b>	Overflow	Some element of dishwasher leaks
<b>Ed</b>	Failure of communication between main PCB with display PCB.	Open circuit or the communication wiring is broken

#### **WARNING:**

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



## PART 8: SPECIFICATION

Model	WP 2060 S
Type	Countertop/Under-counter /Built-in
Place settings	6
Color	Stainless (S)
No. of programs	7
Spray arms	Lower
Water consumption (Liter)	6.5
Delay start function (hours)	1-24
Control panel	LED touch
Energy rating	A+
Noise level (dBA)	49
Power Input (Watt)	1170-1380
Voltage (Volt)	220-240
Frequency (Hz)	50
Inlet water pressure (MPa)	0.04-1.0
Product dimension W x D x H (mm)	550x500x438
Product weight (kg)	20.5

\*) S = Stainless, R = Red, C = Cream, O = Orange, N = Green, U = Blue, W = White, V = Silver, G = Grey, L = Black

*The design and specification can change without prior notice to improve the quality of the product. The pictures in this manual are schematic and can be different with your actual product. The values on label or in other documents are according to laboratory test and relevant standards. Values can vary depending on the actual operational and environmental condition of the product.*

