

# **User Manual Book Dishwasher**

**Series**  
WP 7121 S

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This guide book explains everything you need to know about your new product. Please contact our Customer Care should you need further assistance through [www.modena.com](http://www.modena.com).

## SAFETY AND WARNING

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 people (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 protect against the risk of electrical shock, do not immerse the unit, cord or plug in water or other liquid.
- Please unplug before cleaning and maintaining the appliance.
- Use a soft cloth moisten with mild soap, and then use a dry cloth to wipe it again.

### Earthing instruction

- This appliance must be earthed. In the event of a malfunction or breakdown, earthing will reduce the risk of an electric shock by providing a path of least resistance of electric current. This appliance is equipped with a cord having an equipment-earthing conductor and a earthing plug.
- The plug must be plugged into an appropriate outlet that is installed and earthed in accordance with all local codes and ordinances.
- Do not modify the plug provided with appliance; if it does not fit the outlet. Have a proper outlet installed by a qualified electrician.

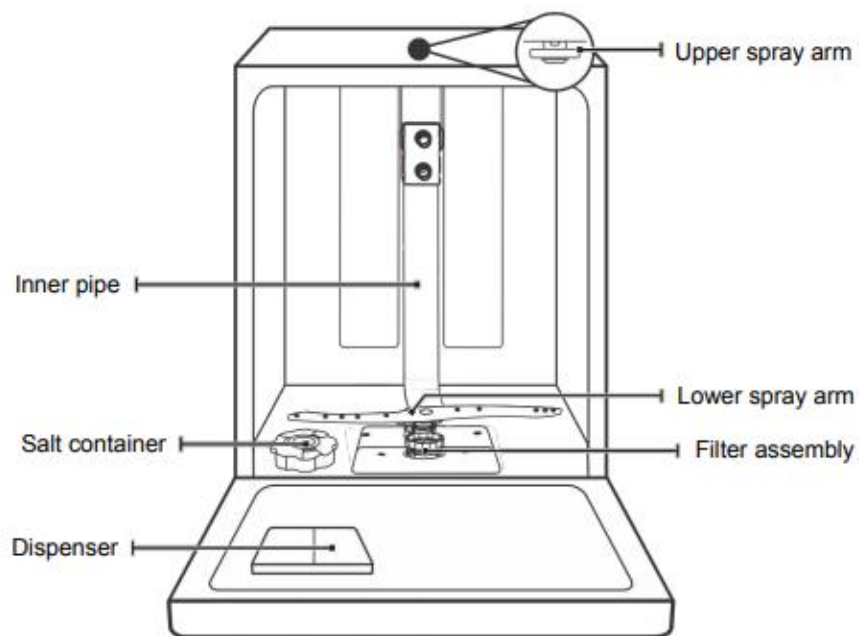
- Improper connection of the equipment-earthing conductor can result in the risk of an electric shock. Check with a qualified electrician or service or service representative if you are in doubt whether the appliance is properly earthed.

## General use

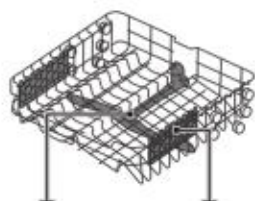
- Do not abuse, sit on, or stand on the door or dish rack of the dishwasher.
- Do not operate your dishwasher unless all enclosure panels are properly in place.
- Open the door very carefully if the dishwasher is operating, there is a risk water squirting out.
- Do not place any heavy objects on or stand on the door when it is open. The appliance could tip forward.
- When loading items to be washed:
  - Load sharp items so that they are likely to damage the door seal
  - 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 that the detergent powder is empty after completion of the wash cycle.
- Do not wash plastic items without mark, check the manufacturer's recommendations.
- Use only detergent additives designed for an automatic dishwasher.
- Never use soap, laundry detergent, or hand washing detergent in your dishwasher.
- Children should be supervised to ensure that they do not play with the appliance.
- The door should not be left open, since this could increase the risk of tripping.
- 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 a hazard.
- During installation, the power supply must not be excessively or dangerously bent or flattened.

- Do not tamper with controls.
- The appliance is to be connected to the water mains using new hose sets and that old hose-sets should not be reused.
- The maximum number of place settings to be washed is 14.
- The maximum permissible inlet water pressure is 1 MPa.
- The minimum permissible inlet water pressure is 0.04 MPa.

## FEATURES



**Cutlery rack**



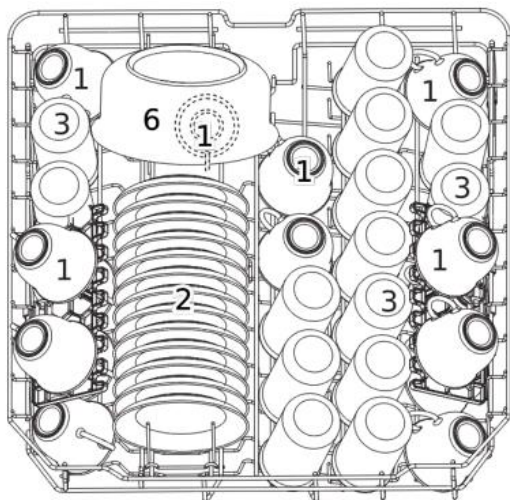
**Middle spray arm**   **Cup rack**



**Lower basket**

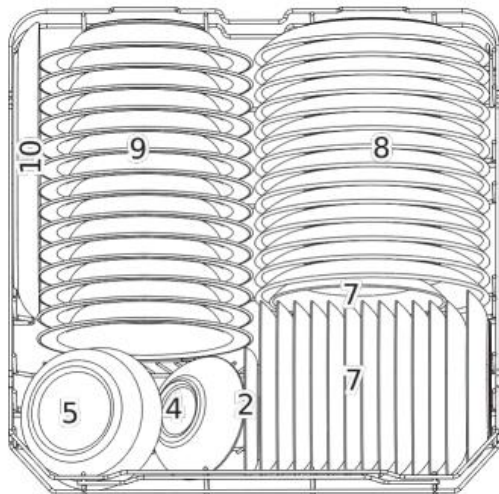
## Basket part according to EN 50242

### 1. Upper basket



No.	Item
1.	Cups
2.	Saucers
3.	Glasses
4.	Small serving bowl
5.	Medium serving bowl
6.	Large serving bowl

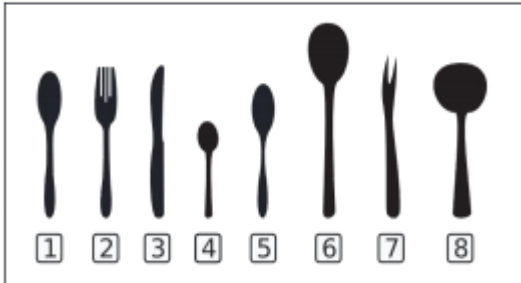
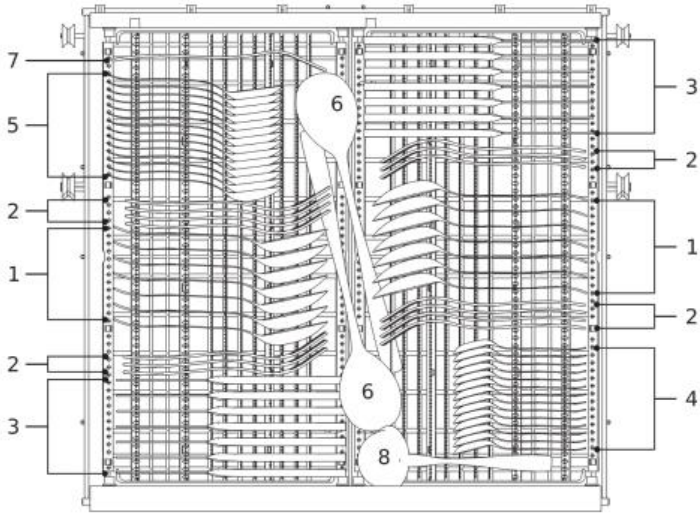
### 2. lower basket



No.	Item
7.	Dessert dishes
8.	Dinner dishes
9.	Soup plates
10.	Oval platter



### 3. Cutlery basket

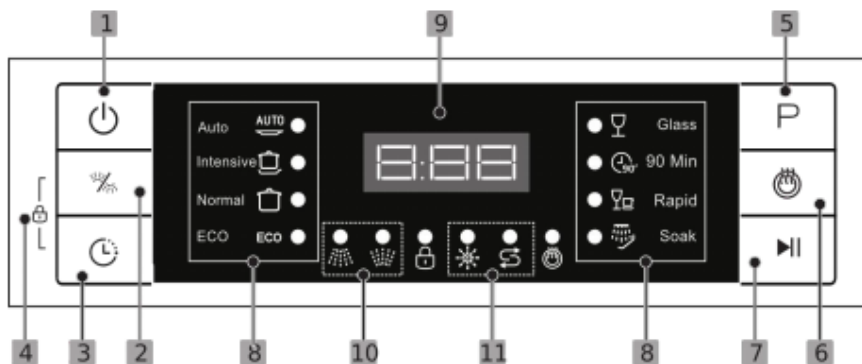


No.	Item
1.	Soup spoons
2.	Forks
3.	Knives
4.	Teaspoons
5.	Dessert spoons
6.	Serving spoons
7.	Gravy ladles
8.	Gravy ladles










Information on comparability test in accordance with EN50242




- Capacity: 14 place settings
- Program: ECO
- Rinse aid setting: 6
- Softener setting: H3

## Control panel



1	Power	Press this button to turn on the dishwasher, the screen lights up.
2	Alt	For small loads, you may use just the upper or lower rack to save energy. Each press of the Half Load button cycles between upper rack only and lower rack only.
3	Delay	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 hour.
4	Child Lock	This option allows you to lock the buttons on the control panel-except the Power button – so children cannot accidentally start the dishwasher by pressing the buttons on the panel. To lock or unlock the buttons on the control panel, press and hold the Delay button + Alt button for 3 seconds simultaneously. When pressing this button, corresponding indicator will be lit.
5	Program	Select the appropriate washing program, the selected program indicator will be lit.
6	Extra Drying	To wash grimy; dirty item which is hard to clean. (it can only be used with Intensive, Normal, ECO, Glass, 90 min)

7	Start/Pause	To start the selected washing program or pause it when the dishwasher is working.
8	Program indicator	<p> Auto Auto sensing wash, lightly, normally or heavily soiled crockery, with or without dried-on food.</p> <p> Intensive Heavily soiled items include pots and pans. With dried on food.</p> <p> Normal For normally soiled loads, such as pots, plates, glasses and lightly soiled pans.</p> <p><b>ECO</b> ECO This is the standar program suitable for nomally soiled loads, such as pots, plates, glasses and lightly soiled pans.</p> <p> Glass For lightly soiled crockery and glass.</p> <p> 90 Mins For normally soiled loads that need quick wash.</p> <p> Rapid A shorter wash for lightly soiled loads that do not need drying.</p> <p> Soak To rinse dishes that you plan to wash later that day.</p>
9	Screen	 To show the program, delay time, error code etc.
10	Alt indicator	 Upper When you selec Upper, only the upper rack nozzle is activated. The lower nozzle will not operate.

		 Lower When you select Lower, only the lower rock nozzle is activated. The upper nozzle will not operated.
11	Warning indicator	 Rinse Aid If the symbol indicator is lit, it means the dishwasher is low on dishwasher rinse aid and requires a refill.   Salt If the symbol indicator is lit, it means the dishwasher is low on dishwasher salt and needs to be refilled.

# INSTALLATION

## Installation preparation

- The installation position of dishwasher should be near the existing water inlet tap and drain outlet and power socket.
- One side of the cabinet sink 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 with this appliance.
- Do not under any circumstance, cut or remove the earthing 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 circuit breaker recommended and provide separate circuit serving only this appliance.

## Electrical connection:

Ensure the voltage and frequency of the power being corresponds to those on the rating plate. Only insert the plug into an electrical socket which is earthed properly. If the electrical socket to which the appliance must be connected is not appropriate for the plug. Replace the socket, rather than using a adapters or the like as they could cause overheating and burns. Ensure that proper earthing exists before use!

## Water connection

Connect the cold water supply hose to a threaded  $\frac{3}{4}$  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 and free of impurities. If this precaution is not taken, there is a risk that the water inlet can get blocked and damage the appliance.



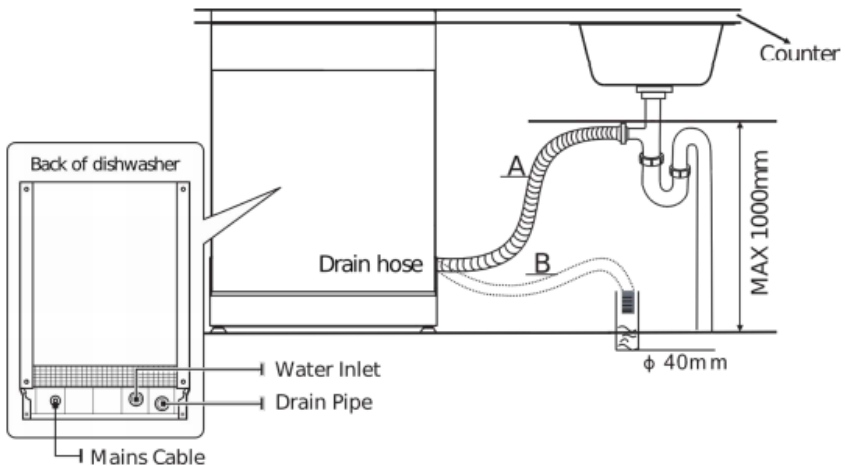
### NOTE:

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

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



## How to drain excess water

If the sink is more than 1000mm higher than 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 drain hose is not kinked or squashed.

## Extension hose

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

## Syphon connection

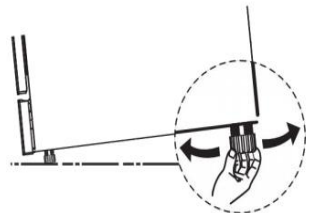
The waste connection must be at a height less than 100cm (maximum) from the bottom of the dish. The water drain hose should be fixed.

## **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.

## Leveling the appliance

Once the appliance is positioned for leveling, 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°.



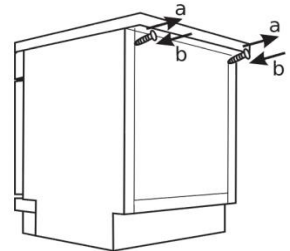
## Freestanding installation

The height of the dishwasher, 845mm, has been designed in order to allow the machine to be fitted between existing cabinets of the same height in modern fitted kitchens. The feet can be adjusted so that correct height is reached. The laminated top of the machine does not require any particular care since it is heatproof, scratch proof and stain proof.



## Underneath existing work top

(when fitting beneath a work top) in most modern fitted kitchens there only one single work top under which cabinets and electrical appliances are fitted. In this case remove the work top of the dishwasher by unscrewing the screws under rear edge of the top (a).



### **ATTENTION!**

After removing the work top, the screws must be screwed again under the rear edge of the top (b).

The height will be reduced to 825mm, as scheduled by the International Regulations (ISO) and the dishwasher will fit perfectly under kitchen working top.



## HOW TO USE

### Before using your dishwasher



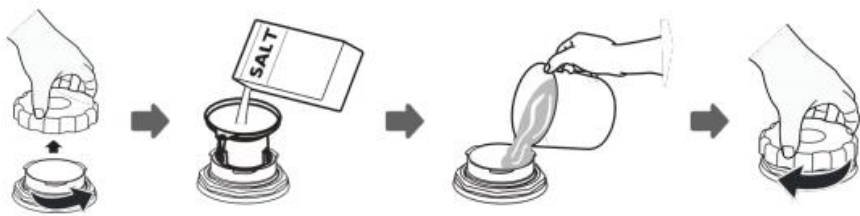
1. Set the water softener
2. Load the salt into the salt container
3. Load the basket
4. Fill the rinse aid and detergent dispenser

### Loading salt into 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 dishwasher 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 with salt before running a cycle. This will prevent any grains of salt or salty water, which may have been spilled, remaining on the bottom of the machine for any period of time, which may cause corrosion.



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

### NOTE:

- The salt container must only be refilled when the salt warning light in the control panel comes on. Depending on how fully salt dissolves, the salt warning light may still be on even though the salt container is filled. If there is no salt warning light in the control panel (For some Models), you can judge when to load the salt into the softener by the cycles that the dishwasher had run.
- If there are spills of the salt, a soak or a rapid program should be run to remove the excess 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 customize the level of salt consumption.

Please follow the steps below for adjustment in salt consumption.

1. Switch on the appliance;
2. Press the Start/Pause button for more than 5 seconds to start the water softener set model within 60 seconds after the appliance was switched on.
3. Press the Start/Pause 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;
4. Press the Power button to end the set up model.

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

WATER HARDNESS				Water Softener Level	Salt Consumption (g/cycle)
German °dH	French °fH	British °Clark	Mmol/l <sup>1)</sup>		
0 – 5	0 – 9	0 – 6	0.0-0.94	H1	0
6 – 11	1.0 – 2.0	7 – 14	1.0 – 2.0	H2	9
12 – 17	2.1 – 3.0	15 – 21	2.1 – 3.0	H3 <sup>2)</sup>	12
18 – 22	3.1 – 4.0	22 – 28	3.1 – 4.0	H4	20
23 – 34	4.1 – 6.0	29 – 42	4.1 – 6.0	H5	30
35 – 55	6.1 – 9.8	43 – 69	6.1 – 9.8	H6	60

<sup>1)</sup> Milimol, international unit of measurement for water hardness

<sup>2)</sup> Default factory setting

Contact your local water institution for information on the water hardness.

## Loading the basket

Recommendation:

- Consider buying utensils which are identified as dishwasher-proof.
- For particular items, select a program with as low temperature as possible.
- To prevent damage, do not take glass and cutlery out of the dishwasher immediately after the program has ended.

## Suitable of use

<b>Not suitable:</b>	<b>Limited suitability:</b>
<ul style="list-style-type: none"><li>• Cutlery with wooden, horn, china or mother-of-pearl handles</li><li>• Plastic items that are not heat resistant</li><li>• Older cutlery with glued parts that are not temperature resistant</li><li>• Bonded cutlery items or dishes</li><li>• Pewter or copper items</li><li>• Crystal glass</li><li>• Steels items subject to rusting</li><li>• Wooden items</li><li>• Items made from synthetic fibers</li></ul>	<ul style="list-style-type: none"><li>• Some glasses can become dull after a large number of washes.</li><li>• Silver and aluminium have a tendency to discolour during washing.</li><li>• Glazed patterns may fade if washed frequently.</li></ul>

## Attention before and after loading the baskets

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

Scrape off any large food particles. Soften remnants of burnt food 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 recesses, should be loaded aslant so that water can run off.
- All utensil are stacked securely and can not tip over
- All utensils are placed in the way that the spray arms can rotated freely during washing.

### **NOTE:**

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

- Load hollow items such as cups, glasses, pans etc. With the opening facing 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 be touched.
- 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 basket.
- Please do not overload your dishwasher. This is important for good results and for reasonable energy consumption.

## Removing the dishes

To prevent water dripping from the upper basket into the lower basket, we recommend that you empty the lower basket first, followed by the upper basket. Items will be hot! To prevent damage, do not take glass and cutlery out of the dishwasher for around 15 minutes after the program has ended.

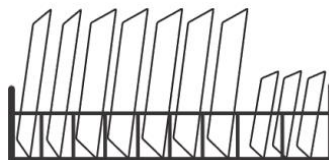
## Loading the upper basket

The upper basket is designed to hold more delicate and lighter dishwasher 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.



## Loading the lower basket

We suggest that you place large items and the most difficult to clean items are to be placed into the lower basket: such as pots, pans, lids, serving dishes and bowls, as shown in the figure below. 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. The maximum diameter advised for plates in front of the detergent dispenser is of 19cm, this in not to hamper the opening of it.



## Loading the cutlery basket

Cutlery should be placed in the cutlery rack separately from each other in the appropriate positions, and do make sure the utensils do not nest together, this may cause bad performance.

### **WARNING!**

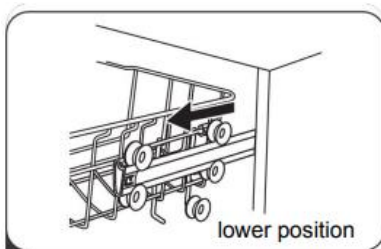
Do not let any item extend through the bottom. Always load sharp utensils with the sharp point down!

## **Basket usage tips**

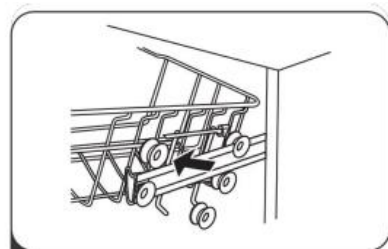
### Adjusting the upper basket

Type 1:

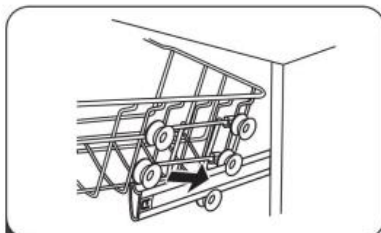
The height of the upper basket can be easily adjusted to accommodate taller dishes in either the upper or lower basket. To adjust the height of the upper rack, follow these steps:



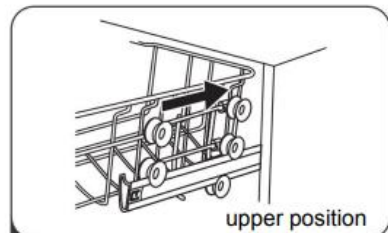
**1** Pull out the upper basket.



**2** Remove the upper basket.

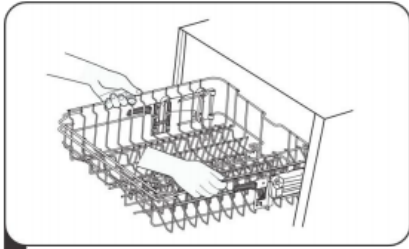


**3** Re-attach the upper basket to upper or lower rollers.

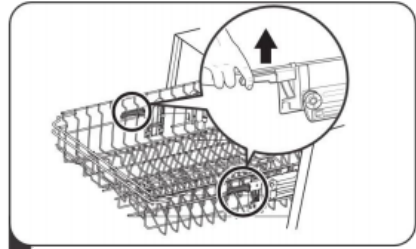


**4** Push in the upper basket.

## Type 2



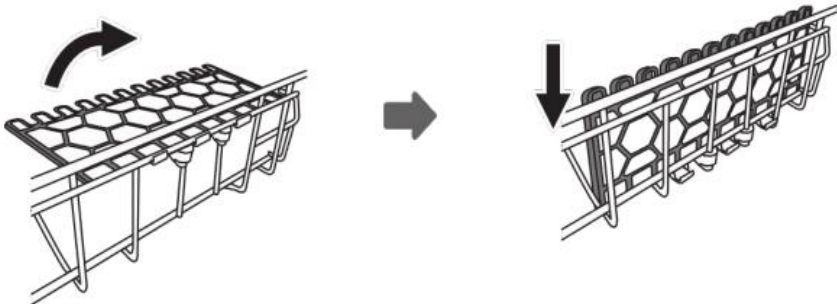
**1** To raise the upper basket, just lift the upper basket at the center of each side until the basket locks into place in the upper position. It is not necessary to lift the adjuster handle.



**2** To lower the upper basket, lift the adjust handles on each side to release the basket and lower it to the lower position.

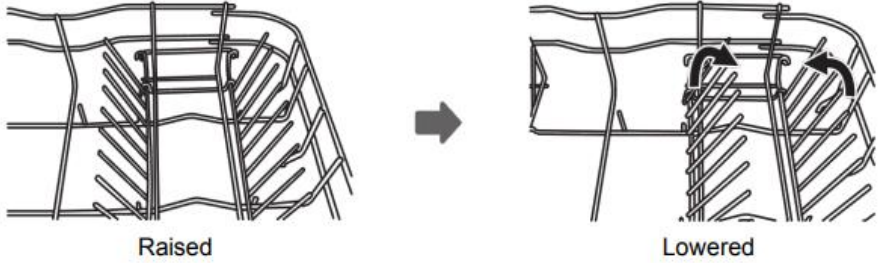
## Folding the cup shelves

To make room for taller items in the upper basket, raise the cup rack upwards. You can lean the tall glasses against it. You can also remove it when it is not required for use.

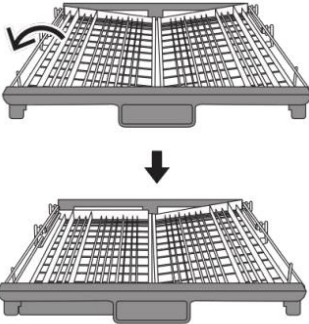


## Folding the rack shelves

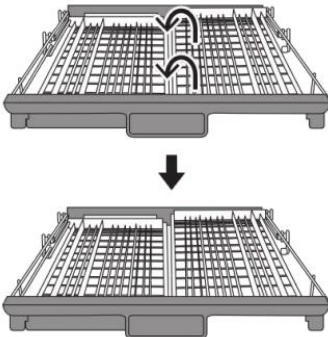
The spikes of the lower basket are used for holding plates and a platter. They can be lowered to make more room for large items.



## Cutlery rack usage tips



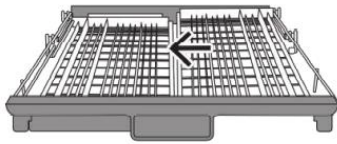
Lift the left basket up, adjust it to lower position, left basket is flat and right basket is slightly tilting.



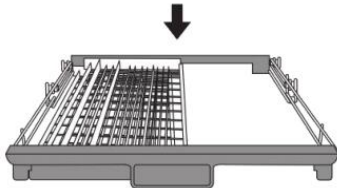
Lift the right basket up, both left and right baskets are flat.

This configuration gives more space to left side of cutlery basket, it can be used to put espresso cups.

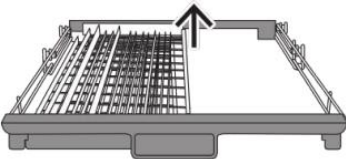




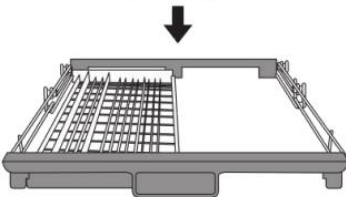
Move the right basket from right to left, two baskets are overlapping.



This configuration gives more space to the upper basket to put bigger items



Remove the right basket from the tray, leaving only the left basket.



This configuration gives more space to the upper basket to put bigger items.

## 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

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

- The low rinse aid indicator (☼) will appear in the display when more rinse aid is needed.
- Do not overfill the rinse aid dispenser.

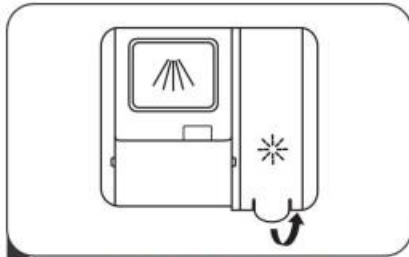
## Function of the detergent

The chemical ingredients that compose the detergent are necessary to remove crust and disperse all dirt out of the dishwasher. Most of the commercial quality detergents are suitable for this purpose.

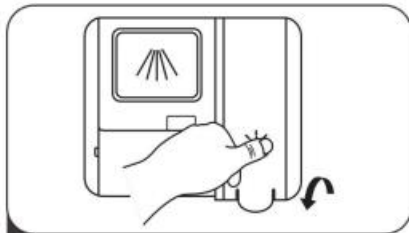
### **WARNING!**

- Proper use of detergent  
Use only detergent specially made for dishwashers usage. Keep your detergent fresh and dry. Don't put powdered detergent into the dispenser until you are ready to wash dishes.
- Dishwasher detergent is corrosive! Keep dishwasher detergent out of the reach of children.

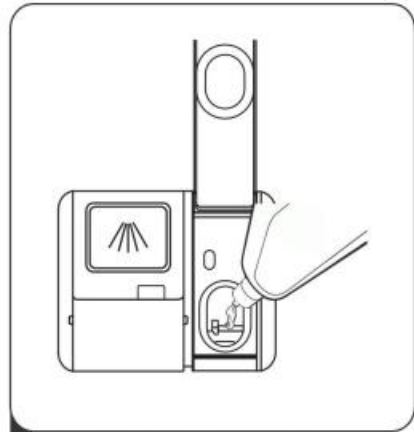
## Filling the rinse aid reservoir



- 1** Remove the rinse reservoir cap by lifting up the handle.



- 3** Close the cap after filling



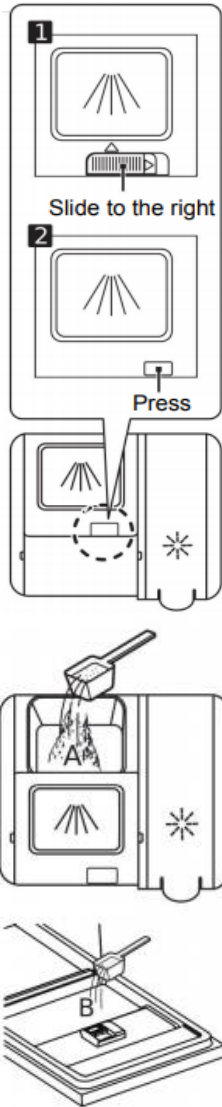
- 2** Pour the rinse aid into the dispenser, being careful not to overflow.

## Adjusting the rinse aid reservoir

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

1. Switch on the appliance.
2. Within 60 seconds after step 1, press the Start/Pause button more than 5 seconds, and then press the Delay button to enter the set model, the rinse aid indication blinks in 1 Hz frequency.
3. Press the Start/Pause button to select the proper set according to your usage habits, the sets will change in the following sequence: D1->D2->D3->D4->D5->D1. The higher the number, the more rinse aid the dishwasher usage.
4. Without operation in 5 seconds or press the power button to exit the set model, the set success.

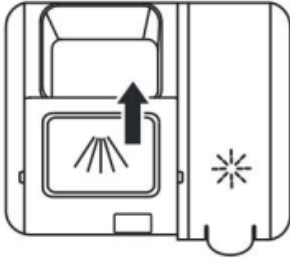
## Filling the detergent



Please choose an open way according to the actual situation:

1. Open the cap by sliding the release catch.
2. Open the cap by pressing down the release catch.

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



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

### NOTE:



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







## Dishwasher programs

### Wash cycle table

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

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

Program	Description of cycle	Detergent Pre/Main	Time (min)	Energy (kWh)	Water (L)	Rinse aid
 Auto	Pre-wash (45°C) Auto wash (45-55°C) Rinse Rinse (65°C) Drying	5/30g 1 or 2 pieces	150	0,9-1,3	11-151	●
 Intensive	Pre-wash (50°C) Wash (60°C) Rinse Rinse (70°C) Drying	5/30g 1 or 2 pieces	179	1,6	17,5	●

 Normal	Pre-wash(45°C) Wash (55°C) Rinse Rinse Rinse (65°C) Drying	5/30g 1 or 2 pieces	185	1,3	13,5	●
 *EN50242	Pre-wash Wash (45°C) Rinse (65°C) Drying	5/30g 1 or 2 pieces	210	0,93	10	●
 Glass	Pre-wash Wash (40°C) Rinse Rinse (65°C) Drying	5/30g 1 or 2 pieces	130	0,9	13	●
 90 mins	Wash (65°C) Rinse Rinse (65°C) Drying	35g 1 piece	90	1,35	12,5	●
 Rapid	Wash (45°C) Rinse (50°C) Rinse (55°C)	25g	30	0,75	11	○
 Soak	Rửa sơ bộ		15	0,02	4	○

### 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 of off-mode is 0.49W, left-on mode is 0.49W.

## Turning on the appliance

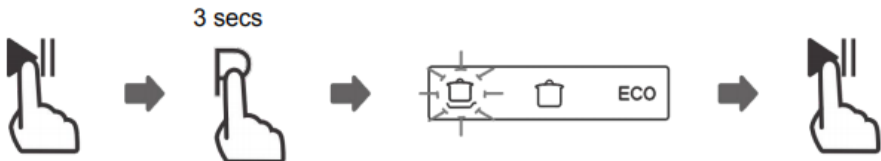
Starting a wash cycle:

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

## Changing the program

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

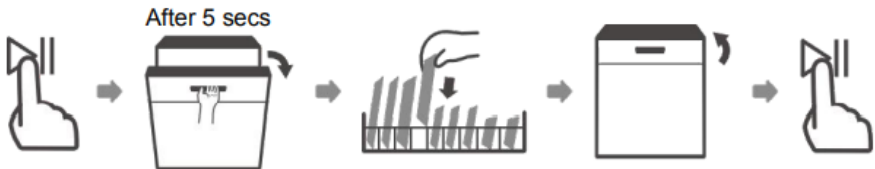
1. Press Start/Pause button to pause the machine when the door is closed.
2. Press Program button more than 3 seconds the program will cancel.
3. Press the Program button to select the desired program.
4. Press Start/Pause button, after 10 seconds, the dishwasher will start.



## 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.
2. Wait 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.



### **WARNING!**

It is dangerous to open the door when washing, because the hot water may scald you.



# MAINTENANCE

## External care

### Door and seal

Clean the door seals regularly with a soft damp cloth to remove food deposits. When the dishwasher is being loaded, food and drink residues may drip onto the sides of the dishwasher door. These surfaces are outside the wash cabinet and are not accessed by water from the spray arms. Any deposits should be wiped off before the door is closed.

### Control panel

If cleaning is required, the control panel should be wiped with a soft damp cloth only.

#### **WARNING!**

- To avoid penetration of water into the door lock and electrical components, do not use a spray cleaner of any kind.
- Never use abrasive cleaners or scouring pads on the outer surfaces because they may scratch the finish. Some paper towels may also scratch or leave marks on the surface.

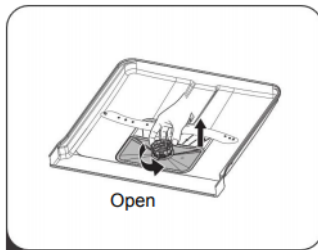
## Internal care

### Filter system

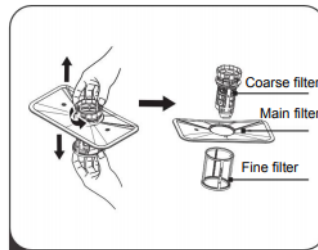
The filtering system in the base of the wash cabinet retains coarse debris from the washing cycle. The collected coarse debris may cause the filters to clog. Check the condition of the filters regularly and clean them if necessary under running water. Follow the steps next page to clean the filters in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

#### NOTE:

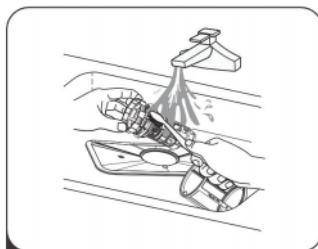
Pictures are only for reference, different models of the filtering system and spray arms may be different.



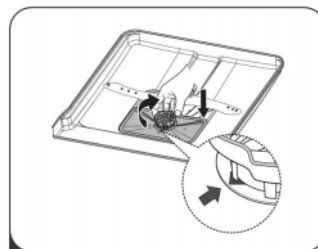
**1** Hold the coarse filter and rotate it counter clockwise to unlock the filter. Lift the filter upwards



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



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



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

### **WARNING!**

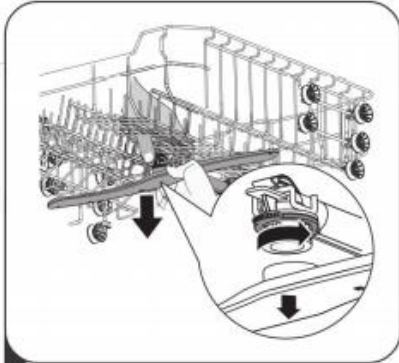
- Do not over tighten the filters. Put the filters back in sequence securely, otherwise coarse debris could get into the system and cause a blockage.
- Never use the dishwasher without filters in place. Improper replacement of the filter may reduce the performance level of the appliance and damage dishes and utensils.

### **WARNING!**

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

## Spy arms

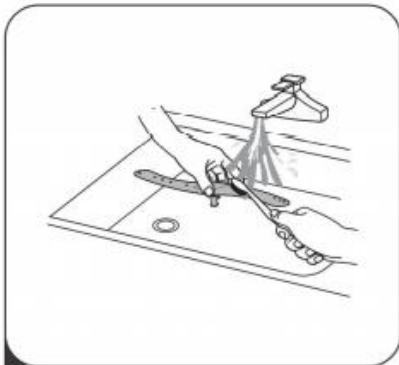
It is necessary to clean the spray arm regularly for hard water chemicals will clog the spray arm jets and bearings. To clean the spray arm, follow the instructions below:



**1** To remove the middle spray arm, hold the nut in the center still and rotate the spray arm counter clockwise to remove it.



**2** To remove the lower spray arm pull out the spray arm upward.



**3** Wash the arms in soapy and warm water and use a soft brush to clean the jets. Reinstall them after rinsing them thoroughly.

## **How to keep your product in shape**

### **After every wash**

After every wash, turn off the water supply to the appliance and leave the door slightly open so that 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 long time**

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

## TROUBLESHOOTING

please review the chart below before contacting customer service:

Problem	Possible Causes	Solution
Dishwasher unable to start	Fuse blown, or the circuit break tripped.	Replace fuse or reset circuit breaker. Remove any other appliances sharing the same circuit with the dishwasher.
	Power supply is not turned on.	Make sure the dishwasher is turned on and the door is closed securely. Make sure the power cord is properly plugged into the wall socket.
	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.

<b>Problem</b>	<b>Possible Causes</b>	<b>Solution</b>
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, close the dishwasher door and run a forced drain to drain it with the water. Repeat above operation until the foam is cleared.
Stained tub interior	Detergent with colourant may have been used	Make sure that the detergent has no colourant
White film on inside surface	Hard water minerals	To clean the interior, use 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.
There are rust stains on cutlery	The affected items are not corrosion resistant.	Avoid washing items that are not corrosion resistant in the dishwasher
	A program was not run after dishwasher salt was added. Traces of salt have gotten into the wash cycle	Always run a wash program without any crockery after adding salt.
	The lid of the softener is loose.	Check if the softener lid is secure



<b>Problem</b>	<b>Possible Causes</b>	<b>Solution</b>
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 or crockery are loose in the dishwasher	Interrupt the program and rearrange the items of crockery
Knocking noise in the water pipes	This may be caused by on-site installation or the cross-section of the piping.	This has no influence on the dishwasher function. It 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
	Not enough detergent was dispensed	Use more detergent, or change your detergent.
	Items are blocking the movement of the spray arms	Rearrange the items so that the spray can rotate freely.
	The filter combination is not clean or is not correctly fitted in the base of wash cabinet. This may cause the spray arm jets to get blocked.	Clean and/or fit the filter correctly. Clean the spray arm jets.
Cloudiness on glassware	Combination of soft water and too much detergent	Use less detergent if you have soft water and select a shorter cycle to wash the glassware and to get them clean.

<b>Problem</b>	<b>Possible Causes</b>	<b>Solution</b>
White spots appear on dishes and glasses.	Hard water area can cause limescale deposits.	Add more detergent
Black or gray marks on dishes	Aluminium utensil have rubbed against dishes	Use a mild abrasive cleaner to eliminate those marks.
The dishes are not drying	Improper loading	Load the dishwasher immediately after washing. Open the door slightly so that the steam can come out. Take out the dishes until the inside temperature is safe to touch. Unload the lower basket first to prevent the dripping water from the upper basket.
	Wrong program has been selected.	With a short programme, the washing temperature is lower, decreasing cleaning performance. Choose a program with a long washing time.
	Use of cutlery with a low-quality coating	Water drainage is more difficult with these items. Cutlery or dishes of this type are not suitable for washing in the dishwasher.

## Error codes

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

Codes	Meaning	Possible Causes
E1	Longer inlet time	Faucets is not opened, or water intake is restricted, or water pressure is too low
E4	Overflow	Some element of dishwasher leaks
E8	Failure of orientation of distribution valve.	Open circuit or break of distribution valve

### **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 overflow or small leak, the water should be removed before restarting the dishwasher.

## SPECIFICATION

Model	WP 7121 S
Place settings	14
Color	Stainless (S)
Number of programs	8
Spray arms	Lower, Middle, Upper
Water consumption (Liter)	10
Delay start function (hours)	1-24
Control panel	LED touch
Energy rating	A++
Noise level (dBA)	49
Power input (Watt)	1760-2100
Voltage (Volt)	220-240
Frequency (Hz)	50
Inlet water presssure (Mpa)	0.04-1.0
Product dimesnion W x D x H (mm)	598x600x845
Product weight (kg)	42

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

*Design and specification can change without prior notice to improve the quality of the product. The illustration in this manual is 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.*

*Ciao!* **MODENA**

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