



### Dishwasher

EN User Manual



Built-in Dishwasher

QW-S12I491X-EN



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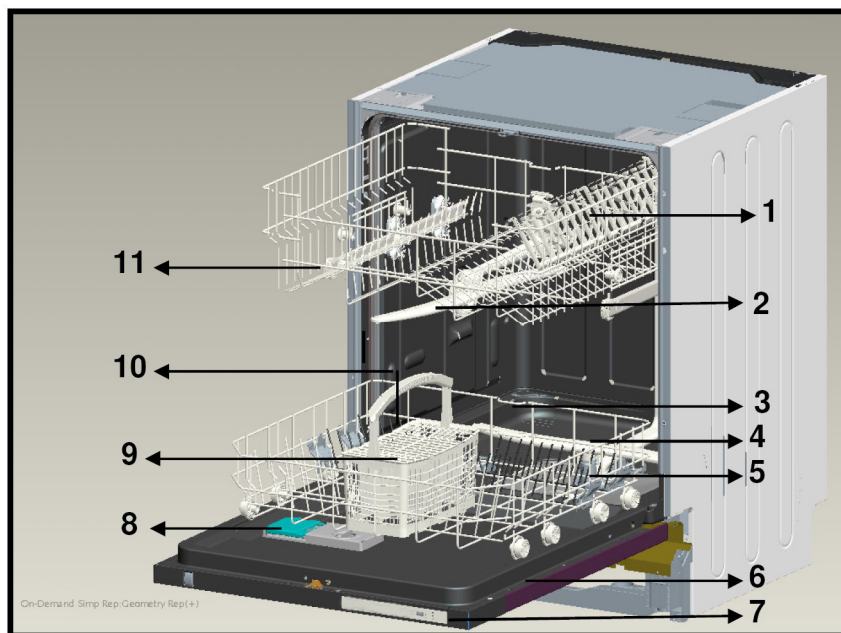
## CHAPTER-9: FAILURE CODES AND WHAT TO DO IN CASE OF FAILURE

## CHAPTER-10: PRACTICAL AND USEFUL INFORMATION

Dear Customer, our goal is to offer you, high quality products that exceed your expectations. Your appliance is produced in modern facilities and is carefully tested for quality.

Before using your appliance, carefully read this guide which includes basic information for safe installation, maintenance and use.

The operating instructions apply to several models. Differences may therefore occur.



1. Upper basket with racks

2. Upper spray arm

3. Lower basket

4. Lower spray arm

5. Filters

6. Rating plate

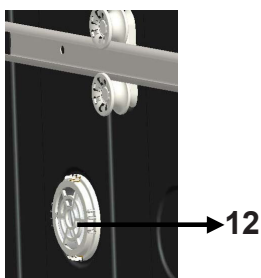
7. Control Panel

8. Detergent and rinse-aid dispenser

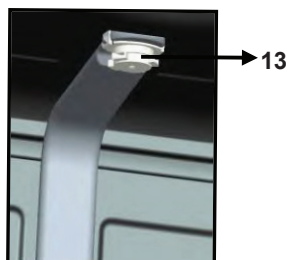
9. Salt dispenser

10. Upper basket track latch

11. Upper Cutlery Basket



**Active Drying Unit:** This system provides better drying performance for your dishes.



**Ceiling Spray Arm:** It provides better washing for the dishes in the upper basket.

## CHAPTER -1: TECHNICAL SPECIFICATIONS

### Technical specifications

Capacity	10 place settings
Height	820 mm - 870 mm
Width	450 mm
Depth	598 mm
Net Weight	32 kg
Electricity input	220-240 V, 50 Hz
Total Power	1900 W
Heating Power	1800 W
Pump Power	100 W
Drain Pump Power	30 W
Water supply pressure	0.03 MPa (0,3 bar)-1 MPa (10 bar)
Current	10 A

### Conformity with the standards and Test data / EC Declaration of Conformity

All stages related to the machine are executed in accordance with the safety rules provided in all relevant directives of the European Community. 2004/108/EC, 2006/95/EC, IEC 436/DIN 44990, EN 50242

**Important Note for User:**For a softcopy of this user manual, please contact the following address:

**“dishwasher@standardtest.info”**.In your e-mail, please provide the model name and serial number (20 digits) which you can find on the appliance door.

### Recycling

- The recyclable materials are used in certain components and packaging.
- Plastic parts are marked with international abbreviations: (>PE< , >PS< , >POM< , >PP< , )
- Cardboard parts have been produced from recycled paper which should be disposed of into waste paper collection containers for recycling.
- Such materials are not suitable for garbage bins. They should be delivered to recycling centres instead.
- Contact relevant centres in order to obtain information on methods and points of disposal.

### Safety Information

#### When you take delivery of your machine

- If you see any damage on your machine's packaging, please notify your retailer.
- Unwrap the packaging materials as indicated and dispose of them in accordance with the rules.

#### The points to pay attention during machine installation

- Choose a suitable, safe and level place to install your machine.
- Carry out the installation and connection of your machine by following the instructions.
- We recommend that the machine is installed by an authorised installer, and should only be serviced by an approved technician.
- Only original spare parts should be used with the machine.
- Before installing, be sure that the machine is unplugged.
- Check whether the indoor electrical fuse system is connected according to the regulations.
- All electrical connections must match values on the rating plate.
- Be sure that the machine does not stand on the electricity supply cable.
- Never use an extension cord or a multiple socket for making a connection. The plug should be easily accessible after installation.
- After installation, run it unloaded for the first time.

#### In daily use

- This machine is for household use; do not use it for any other purpose. Commercial usage of the dishwasher will void the guarantee.
- Do not use detergents and rinse aids that are not specifically designed for dishwashers. Improper use of such items may invalidate the warranty.
- Due to risk of explosion, do not put into the machines' washing section any chemical dissolving agents such as solvents.
- Check whether plastic items are heat-resistant before washing.

## CHAPTER -2: SAFETY INFORMATION AND RECOMMENDATIONS

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

- Do not put unsuitable and heavy items above the basket capacity into your machine. SHARP will not be responsible for any damage on the inner parts.
- The door should not be opened whilst the machine is operating. A safety device will ensure that the machine stops if opened.
- To avoid accidents, do not leave the door open.
- Place knives and other sharp-ended objects in the cutlery basket in bladedown position.
- If the supply cord is damaged, it must be replaced by SHARP, or its service agent.
- If EnergySave option is selected as “Yes”, the door will be opened at the end of the program. Do not force the door closed to avoid harming the auto door mechanism for 1 minute. The door must be open for 30 minutes to dry effectively( in models with auto door opening system ).

**Warning:** Do not stand in front of the door after the auto-open signal sounds.

### **For your children's safety**

- After removing the machines' packaging, make sure that the packaging material is out of reach of children.
- Do not allow children to play with or start the machine.
- Keep children away from detergents and rinse aid.
- Keep children away from the machine while it is open because there may still be residues of cleaning substances inside the machine.
- Be sure that your old machine does not pose any threat to your children. Children are known to have become locked in old machines. To prevent such a situation, break your machines' door lock and tear off the electrical cables.

### **In case of malfunction**

- Any repair performed by anyone other than authorized service personnel will invalidate your warranty.
- Prior to any repair work on the machine, be sure that the machine is isolated from the mains. Switch off the fuse or unplug the machine. Do not pull by the cable when unplugging. Make sure to turn off the water tap.

### Recommendations

- For energy and water saving, remove coarse residues on your dishes before placing the dishes into the machine. Start your machine after having fully loaded it.
- Use the pre-wash programme only when necessary.
- Place hollow items such as bowls, glasses and pots into the machine in such a way that they will face down.
- You are not recommended to overload your machine or load it in a way other than that which is indicated.

### Items not suitable for dishwashing:

- Cigarette ash candle leftovers, polish, paint, chemical substances, iron/alloy materials.
- Forks, spoons and knives with wooden or bone, or ivory or nacre-coated handles; glued items, items soiled with abrasive, acidic or base chemicals.
- Plastic items that are not heat-resistant, copper or tin-coated containers.
- Aluminium and silver objects (they may discolour, become dull).
- Certain delicate glass types, porcelain with ornamental printed patterns as they fade even after the first wash; certain crystal items as they lose their transparency over time, cutlery that is not heat-resistant, lead crystal glasses, cutting boards, items manufactured with synthetic fibre.
- Absorbent items as sponges or kitchen rags are not suitable for dishwashing.

**Warning:** Take care to buy dishwasher-proof sets in your future purchases.

### INSTALLING THE MACHINE

#### Positioning the machine

When determining the installation place, choose an accessible place for easy loading and unloading of the dishes.

Do not put your machine in any location where there is the possibility of the room temperature falling below 0°C.

Before positioning, take the machine out of its packaging by following the warnings located on the package.

Position the machine close to a water tap or drain. You need to site your machine, taking into consideration that its connections cannot be altered once they are made.

Do not grip the machine by its door or panel in order to move it.

Take care to leave sufficient clearance from all sides of the machine for moving it back and forth during cleaning.

Make sure that the water inlet and outlet hoses do not get squeezed while positioning the machine. Also, make sure that the machine does not stand on the electrical cable.

Adjust the machines' adjustable feet so that it can stand level and balanced. Proper positioning of the machine ensures problem-free opening and closing of the door.

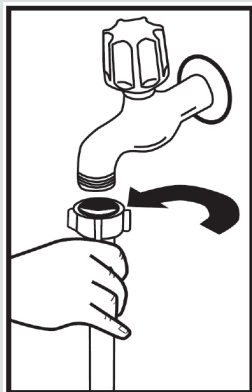


## CHAPTER -3: INSTALLING THE MACHINE

If the door of machine does not close properly, check if the machine is stable on the floor if not, adjust the feet and ensure its stable position.

### Water connection

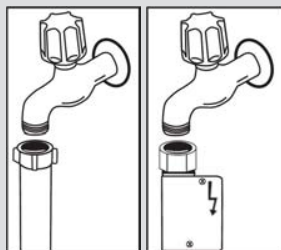
Indoor plumbing must be suitable for installing a dishwasher. Also, we recommend that you fit a filter at the entrance of your property so as to avoid any damage to your machine because of contamination (sand, clay, rust etc.) that might be occasionally carried in through the mains water supply or the indoor plumbing, and to prevent such complaints as yellowing and formation of deposits after washing.



### Water inlet hose

Do not use the water inlet hose of your old machine. Use the new one supplied with your machine instead. If you connect a new or long - unused water inlet hose to your machine, run water through it for a while before making the connection. Connect the water inlet hose directly to the water inlet tap. The pressure supplied by the tap should be at a minimum of 0.03 Mpa and at a maximum of 1 Mpa. If the water pressure is above 1 Mpa, a pressure-relief valve should be fitted in between.

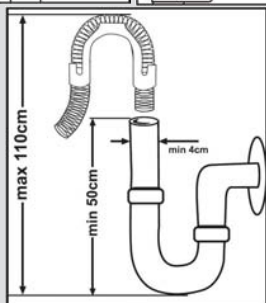
After making connections, the tap should be turned on fully and checked for water tightness. For safety purposes, we recommend that you turn off the water inlet tap when the machine is not going to be used for an extended period of time.



**NOTE:** An Aquastop water etc. spout is used in some models. With Aquastop, a potentially dangerous tension exists. Do not cut the Aquastop water spout. Do not let it get folded or twisted.

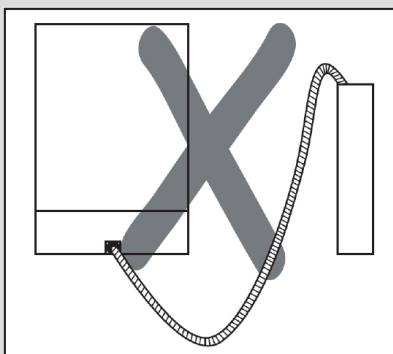
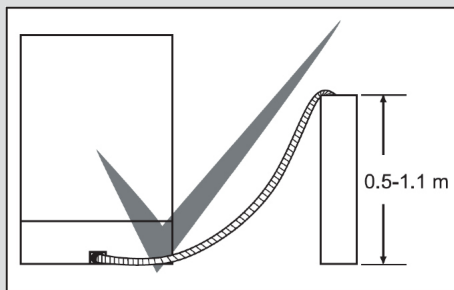
### Water outlet hose

The water drain hose can be connected either directly to the water drain hole or to the sink outlet spigot. Using a special bent pipe (if available), the water can be drained directly into the sink via hooking the bent pipe over the edge of the sink. This connection should be between 50 and 110 cm from the floor plane.



## CHAPTER -3: INSTALLING THE MACHINE

**Warning:** When a drain hose longer than 4 m is used, the dishes might remain dirty. In that case, SHARP will not accept responsibility.



### Electrical connection

The earthed plug of your machine should be connected to an earthed outlet supplied by suitable voltage and current. If there is no earthing installation, have a competent electrician to carry it out. In case of usage without earthing installed, our company will not be responsible for any loss of usage that might occur. The indoor fuse current value should be 10-16 A. Your machine is set according to 220-240 V. If the mains voltage in your location is 110 V, connect a transformer of 110/220 V and 3000 W inbetween. The machine should not be plugged in during positioning. Always use the coated plug supplied with your machine. Running in low voltage will cause a decline in washing quality.

The machines' electrical cable should be replaced by an authorised service or an authorised electrician only. Failure to do so may lead to accidents. For safety purposes, we recommend that you disconnect the plug when the machine is not going to be used for an extended period of time. In order avoid electric shocks, do not unplug when your hands are wet. When disconnecting your machine from the mains supply, always pull from the plug. Never pull the cord itself.

## CHAPTER -4: PREPARING THE MACHINE FOR USE

### Prior to using the machine for the first time

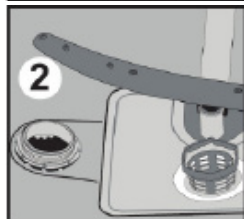
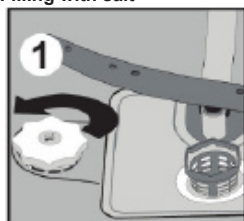
- Check whether the electricity and supply water specifications match the values indicated by the installation instructions for the machine.
- Remove all packaging materials inside the machine.
- Set the water softener.
- Add 1 kg salt into the salt compartment and fill with water up to a level at which it will almost overflow.
- Fill the rinse aid compartment.

### PREPARING THE MACHINE FOR USE

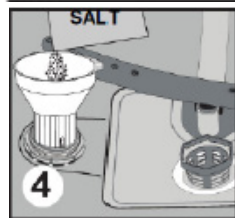
#### The importance of water decalcification

For a good washing function, the dishwasher needs soft, i.e. less calcareous water. Otherwise, white lime residues will remain on the dishes and the interior. This will negatively affect your machines' washing, drying and shining performance. For this reason, a softener system is used on dishwashers. The softener system has to be refreshed so that it operates with the same performance also during the next wash. For this purpose, dishwasher salt is used.

#### Filling with salt



Use softener salt specifically produced for use in dishwashers. To put softener salt, first remove the lower basket and then open the salt compartment cap by turning it counter clock wise. (1) (2) At first use fill the compartment with 1 kg salt and water (3) at overflowing level. If available, using a funnel (4) provided will make filling easier. Refit the cap and close it. After every 20th-30th wash, add salt into your machine until it fills up (approx. 1 kg). Fill the salt compartment with water at first use only. We recommend to use small grained or powder softener salt. Do not put table salt into your machine. Otherwise, the function of the softener the compartment may decrease over time. When you start the machine, the salt compartment gets filled with water. Therefore, add the softener salt in prior to starting your machine. This way, overflowing salt gets immediately cleaned up through the wash operation. If you will not wash any dishes immediately after adding salt, then run a short washing program with an empty machine in order to avoid corrosion on your machine due to the salt overflow while filling the salt container. In order to understand whether or not the amount of



softener salt in the machine is sufficient, check the transparent section on the salt compartment cap. There is sufficient salt if the transparent section is green. Salt has to be added if it is not green.

#### Testing strip

The washing effectiveness of your machine depends on the softness of the tap water. For this reason, your machine is equipped with a system that reduces the hardness in mains water supply. The washing effectiveness will increase when the system is correctly set. To find out the water hardness level of water in your area, contact your local water board or determine water hardness level by using the test strip(if available).

Open the testing strip	Run water through your tap for 1 min.	Keep the testing strip in water for 1 sec.	Shake the testing strip after taking it out of water	Water for 1 min.	Make your machines' water hardness setting according to the result obtained through the testing strip.
					Level 1  No Lime Level 2  Very low lime content Level 3  Low lime content Level 4  Medium lime content Level 5  Lime content Level 6  High Lime content

## CHAPTER -4: PREPARING THE MACHINE FOR USE

### Adjusting salt consumption

**Table of Water Hardness Level Settings**

Water hardness level	German hardness level dH	French hardness level dF	British hardness level dE	Hardness Level Indicator	P1	P2	P3
1	0-5	0-9	0-6	P1 led is on.	●	○	○
2	6-11	10-20	7-14	P2 led is on.	○	●	○
3	12-17	21-30	15-21	P3 led is on.	○	○	●
4	18-22	31-40	22-28	P1 - P3 leds is on.	●	○	●
5	23-34	41-60	29-42	P2 - P3 led is on.	○	●	●
6	35-50	61-90	43-63	P1 - P2 - P3 led is on.	●	●	○

If the hardness of the water you use is above 90 dF (French hardness) or if you are using well water; you are recommended to use filter and water refinement devices.

**NOTE:** Hardness level is adjusted to level 3 as a factory setting.

### Adjusting salt consumption

Adjust the water softener according to how hard your tap water



After resetting your machine, press the program selector button and keep it pressed down. (3)

Meanwhile, energise the machine by pressing the Power On/Off button. (1)

Keep the program selection button pressed until the leds "P1-P2-P3" are on and off. (3)

After the leds "P1-P2-P3-" have flashed (2), release the program selector button. (3)

Your machine displays the latest entered water hardness setting.

You can adjust the levels by program selector button (3) according to Table of Water Hardness Level Settings.

After adjusting the water hardness level, press on/off button to save the settings in memory. (4)

### Detergent usage

Use a detergent specifically designed for use in domestic dishwashers.

You can find powder, gel, and tablet detergents that have been designed for household dishwashers.

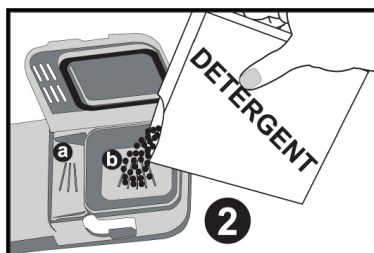
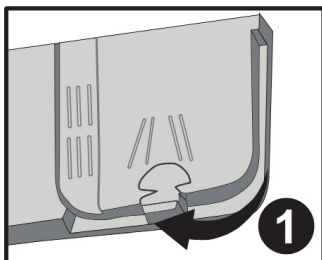
Detergent should be put into the compartment prior to starting the machine. Keep your detergents in cool, dry places out of reach of your children.

Do not overfill the detergent compartment; otherwise it may cause scratches on your glasses as well as lead to a poorly dissolved detergent.

Should you need more information concerning the detergent you will use, contact the detergent manufacturers directly.

### Filling the detergent compartment

Push the latch to open the detergent container as shown in the image. 1 The Detergent pod has level lines inside. The Detergent pod can take a total of 40 cm<sup>3</sup> of detergent. Open the dishwasher detergent and pour into the larger compartment b 25 cm<sup>3</sup> if dishes are heavily soiled or less 15 cm<sup>3</sup>. 2 If dishes have been kept dirty for a very long time with, dried food waste on them or the dishwasher has been overloaded pour a 5cm<sup>3</sup> of detergent into the prewash compartment and start the machine. You may have to add more detergent into your machine, depending on the degree of soil and on the water hardness level in your area.



## CHAPTER -4: PREPARING THE MACHINE FOR USE

### Combined detergents

Combined detergents may include various properties. Before using the detergent, read the instructions carefully. Generally combined detergents produce sufficient results under certain conditions only.

#### Points to consider when using this type of products:

- Check the specifications of the product whether it is combined or not.
- Check if the detergent used is appropriate for the hardness of mains water.
- Observe the instructions of products on the packaging.
- Always put the tablets into the detergent compartment in the detergent dispenser.
- You need to contact the manufacturers and find out about the suitable conditions of use.
- If you use appropriate products, they ensure savings in salt and/or rinse aid consumption.
- The scope of warranty for your machine does not cover any complaints caused by the use of these types of detergents.

**Recommended usage:** If you want to obtain better results while using combined detergents, add salt and rinse aid into your machine and adjust the water hardness setting and the rinse aid setting to the lowest position.



Solubility of the tablet detergents produced by different companies can vary depending on the temperature and time. Therefore, it is not recommended to use such detergents in short programs. It is more suitable to use powder detergents.

**Warning:** Should any problem, which you have not encountered before arise with the use of this type of detergent, contact the detergent manufacturer directly.

#### When you stop using combined detergents

- Fill the salt and rinse aid compartments.
- Adjust the water hardness setting to the highest position and run an empty-wash.
- Adjust the water hardness level.
- Make the suitable rinse aid setting.

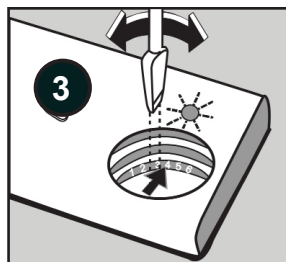
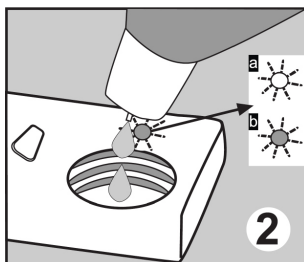
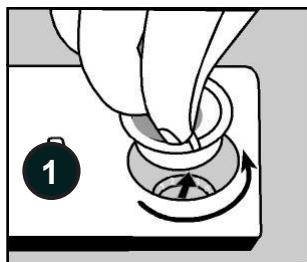
#### Filling with rinse aid and making the setting

Adequate amount of rinse aid prevents the accumulation of white water drops, lime stains, white film stripshaped. It also increases drying performance.

To add rinse aid, remove the rinse aid compartment cap by turning it. **1** Fill the rinse aid compartment with rinse aid until the rinse aid level indicator becomes dark. **2:** Refit the cap and close it by turning it in a way so that the nails correspond to one another.

By checking the rinse aid level indicator on the detergent dispenser, you can understand whether or not your machine needs rinse aid. A dark indicator **b** means that there is rinse aid in the compartment, while a light indicator **a** shows that you need to fill the compartment with rinse aid.

The rinse aid level adjuster can be set to a position between 1 and 6. Factory setting for rinse aid is the position **3**.



**You need to increase the degree of the adjuster if water stains form on your dishes after a wash, whereas you need to decrease the degree if a blue stain is left when wiped by hand. 3**

**Warning:** Use only those rinse aid materials which are allowed for use in the machine. As rinse aid residues left as a result of overflowing will create extremely high amounts of foam and thus reduce the washing performance, remove the excess amount of rinse aid by wiping it with a rag.

## CHAPTER-5: LOADING YOUR DISHWASHER

### LOADING YOUR DISHWASHER

#### Folding Racks

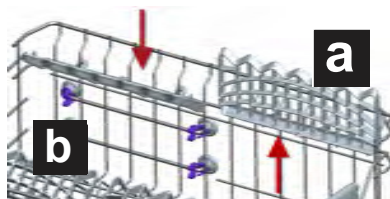
If you properly place your dishes into the machine, you will be using it in the best way in terms of energy consumption, washing and drying performance. There are two separate baskets for you to load your dishes into your machine. You can load into the lower basket such round and deep items as pots with long hand-les, pot lids, plates, salad plates, cutlery sets. The upper basket has been designed for tea plates, dessert plates, salad bowls, cups and glasses. When placing long-stem glasses and goblets, lean them against the basket edge, rack or glass supporter wire and not against other items. Do not lean long glasses against one another or they cannot remain steady and may receive damage. It is more appropriate to locate the thin narrow parts into the middle sections of baskets. You can place spoons among the other cutlery sets in order to prevent them from sticking to one another. You are recommended to use the cutlery grid in order to obtain the best result. To avoid any possible injuries, always place such long-handle and sharp-pointed dishes as serving fork, bread knife etc. with their sharp points facing down or horizontally on the baskets.

**Warning:** Place your dishes into your machine in a way that they will not prevent the upper and lower spray arms from spinning

#### Fixed Rack

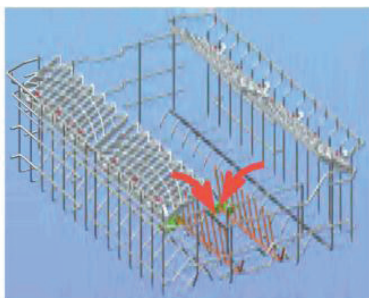
There are fixed racks on the upper basket of your machine.

**a b** You can use these dish racks in open or closed position. When they are in open position **a** you can place your cups on them; and when in closed position **b** you can place long glasses on the basket. Also, you can use these racks by placing long forks, knives and spoons on them laterally.



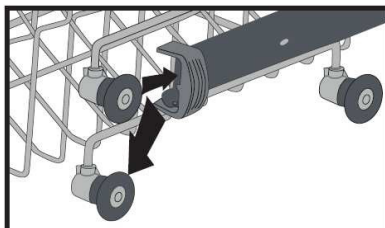
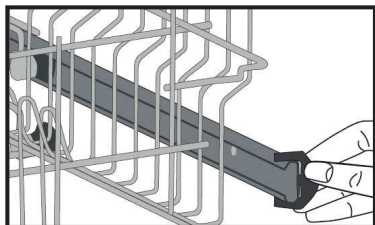
#### Folding Racks

Foldable racks on the upper basket are designed in order to let you place big items easier such as pots, pans, etc. If requested, each part can be folded separately, or all of them can be folded and larger spaces can be obtained. You can use foldable racks by raise them upwards, or by folding down.



#### Top basket height adjustment

Top basket of your machine is in upper position. When it is in this position, you can place big items such as pans, etc. on lower basket. When you take top basket to lower position, you can place and wash big sized plates on the top basket. Use wheels in order to change the basket height. Open the basket retaining parts at the end of top basket rails by turning them to the sides, and take the basket out. Change the position of the wheels; reinstall the basket to the rail, and close basket retainer parts. In this way, you take the top basket to lower position

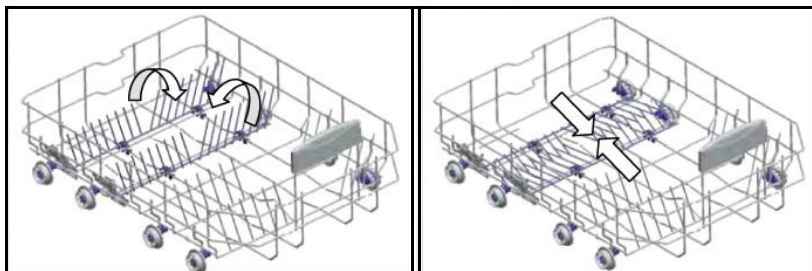


## CHAPTER-5: LOADING YOUR DISHWASHER

### Lower Basket

#### Folding Racks

Folding racks consisting of two parts that are located on the lower basket of your machine are designed in order to let you place big items easier such as pots, pans, etc. If requested, each part can be folded separately, or all of them can be folded and larger spaces can be obtained. You can use folding racks by raising them upwards, or by folding them down.



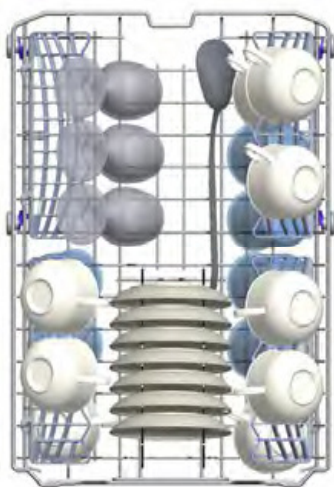


## CHAPTER-5: LOADING YOUR DISHWASHER

### Alternative basket loads Lower Basket



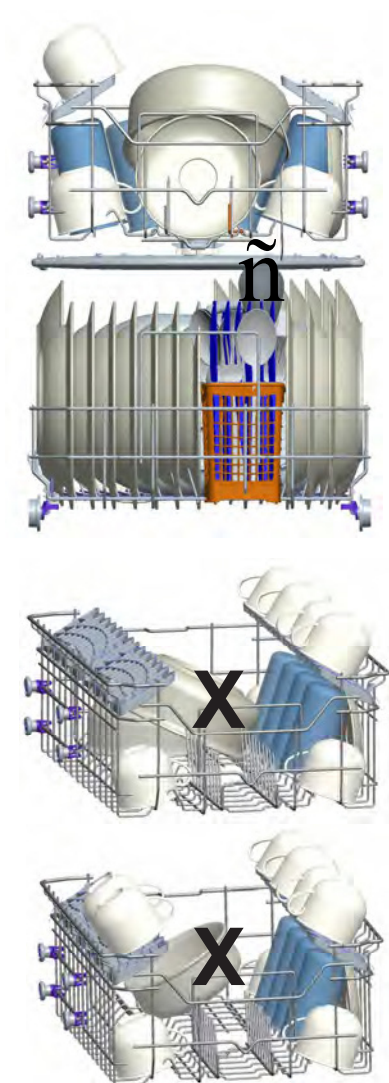
### Top basket





## CHAPTER-5: LOADING YOUR DISHWASHER

### Faulty loads



### Important Note for Test Laboratories

For detailed information on performance tests, please contact following address:  
"dishwasher@standardtest.info" . In your email, please provide the model name and serial number (20 digits)  
which you can find on the appliance door.

## CHAPTER -6: PROGRAMME DESCRIPTIONS

### PROGRAMME DESCRIPTIONS

#### Programme items

Programme No			
Programme names and temperatures	Intensive ( P1 ) 65° C	Eco ( P2 ) 50° C	Prewash ( P3 ) No Heat
Type of food waste	soups, sauces, pasta, eggs, pilaf, potato and oven dishes, fried foods	coffee, milk, tea, cold meats, vegetables, not kept for long	Pre-wash to rinse and loosen residue- awaiting full load-then select a programme
Level of soil	high	medium	-
Detergent amount B: 25 cm3 / 15 cm3A: 5 cm3	A+B	A+B	-
	15°C wash	Prewash	Prewash
	65°C wash	50°C wa sh	End
	Cold rinse	Cold rinse	
	Intermediate rinse	Hot rinse	
	Hot rinse	Dry	
	Dry	End	
	End		
Programme duration (min.)	115	186	15
Electricity consumption (kW hours)	1,33	0,83	0,02
Water consumption (liters)	17,6	13,0	3,5

**Warning:** Short programs do not include a drying step.

The values declared above are the values obtained under laboratory conditions according to relevant standards. These values can change depending on conditions of product's use and environment (network tension, water pressure, water input temperature and environment temperature).

## CHAPTER -7: SWITCHING ON THE MACHINE AND SELECTING A PROGRAMME

### GETTING FAMILIAR WITH YOUR MACHINE



#### 1.) Power On/Off Button

When the Power On/Off button is pressed, end of program indicator starts lighting.

#### 2.) Programme selector button

With the program selector button, you can select a suitable program for your dishes.

#### 3.) Salt Lack Warning indicator

In order to see whether softening salt in your machine is sufficient or not, check salt lack warning light on the display. When salt lack warning light starts coming on, you need to fill in the salt chamber.

#### Rinse aid Lack Warning indicator

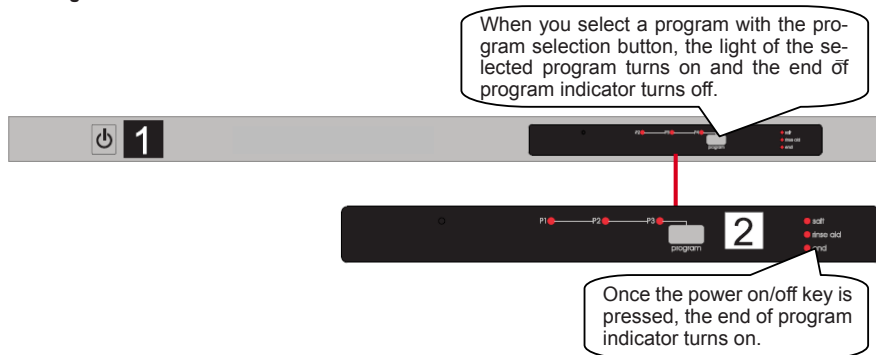
In order to check that there is sufficient rinse aid in your machine check rinse aid lack warning light on the display. When rinse aid lack warning light starts coming on, fill in rinse aid chamber.

#### End of Program Indicator

End of program indicator on the control panel turns on when the selected washing program is completed. Your machine also gives a buzzer sound for "5 times" when the program is completed.

## CHAPTER -7: SWITCHING ON THE MACHINE AND SELECTING A PROGRAMME

### Switching on the machine



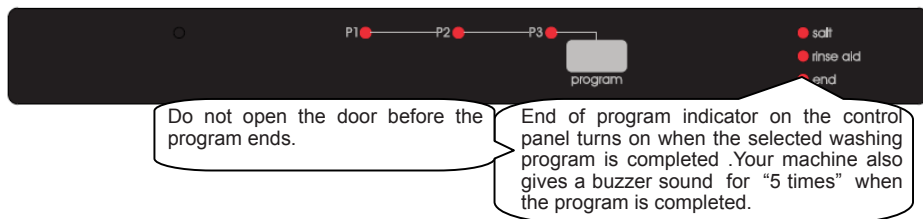
#### 1. Press the Power On/Off key.

2. Select the program suiting your dishes via the Program Selection button.

3. Close door. The program starts automatically.

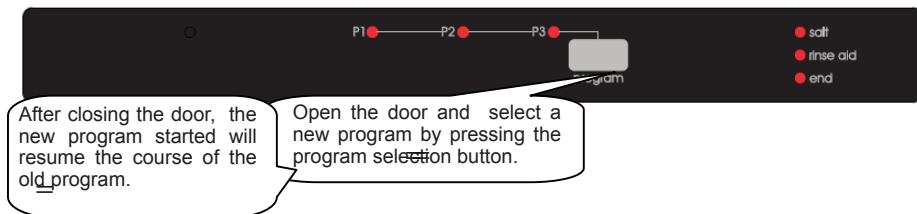
**Note:** If you decide not to start machine after selecting the program, just press the on/off button. Your machine will become ready for the new program selection when you press on/off button again. You can select the new program by pressing the program selection button.

#### Program follow-up



#### Changing a programme

If you would like to change programs while a washing program is continuing.

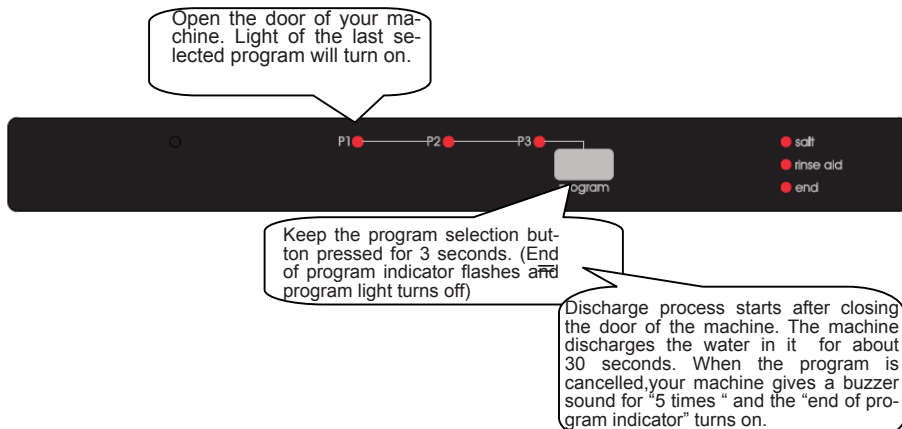


**Note:** When the door of the machine is opened in order to stop the washing program before it is completed first open the door slightly in order to avoid water spillage.

## CHAPTER -7: SWITCHING ON THE MACHINE AND SELECTING A PROGRAMME

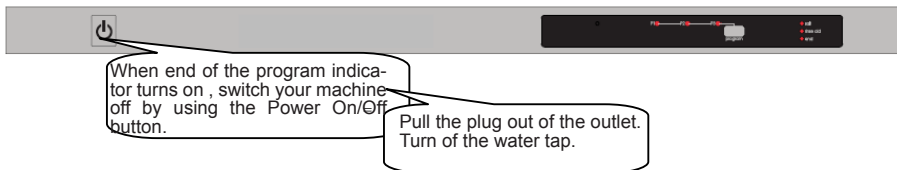
### Changing a programme with resetting

If you would like to cancel a program while a washing program is resumed.



**Note:** When the door of the machine is opened in order to stop the washing program before it is completed first open the door slightly in order to avoid water spillage.

### Switching the machine off



**NOTE:** After the buzzer sound which indicates the end of the program when the washing program comes to an end (end indicator light is on), you can leave the door of your machine ajar in order to hasten the drying.

**Note:** If the machine door opens during washing or the power is cut off, the machine will go on to the program in case the door is shut or the power is back.

**Note:** If energy is cut or machine door is opened during drying process, program is terminated. Your machine becomes ready for new program selection.

## CHAPTER -8: MAINTENANCE AND CLEANING

**Cleaning the machine regularly prolongs the machines' service life.**

**Oil and limescale may accumulate in the machine's washing section. In case of such accumulation;**

-Fill the detergent compartment without loading any dishes into the machine, run the machine at high temperature. If this does not work, use special cleansing materials.

**Cleaning the seals in the machine door,**

-Wipe the seals regularly by using a dampened cloth.

**Cleaning machine,**

Clean the filters and spray arms at least once a week.

Unplug your machine and turn off its tap before starting the cleaning.

Wipe with a fine cleaning material and a dampened cloth.

### Filters

If any food wastes have remained on the coarse and fine filters, remove the filters and clean them thoroughly under the water tap.

**a. Micro Filter**

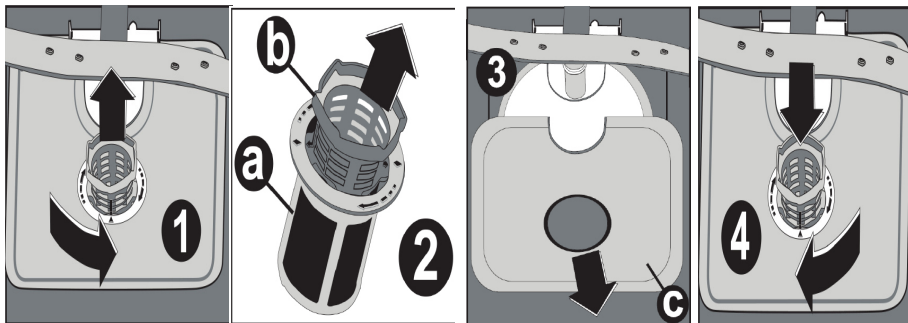
**b. Coarse Filter**

**c. Metal/Plastic Filter**

To remove and clean the filter combination, turn it counter clockwise and take it out by lifting upwards. **1**

Pull and remove the metal/plastic filter. **3** Then pull the coarse filter out of the micro filter. **2** Rinse it with lots of water under the tap. Refit the metal/plastic filter. Insert the coarse filter into the micro filter in a way that the marks correspond to one another. Attach the micro filter into the metal/plastic filter and turn to the direction of arrow and it is locked when the arrow on micro filter can be seen from across. **4**

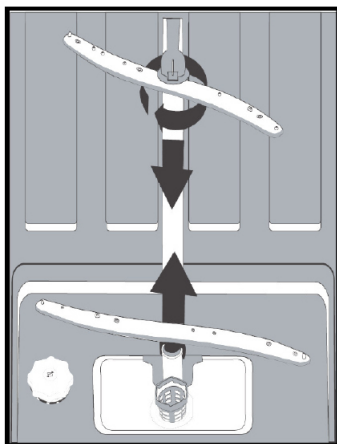
- Never use your dishwasher without a filter.
- Incorrect fitting of the filter will reduce the washing effectiveness.
- Clean filters are very important in terms of the proper running of the machine.



### Spray arms

Check the holes for the upper and lower spray arms. If there is any clogging, remove the spray arms and clean them under water.















You can remove the lower spray arm by pulling it upwards, while the upper spray arm nut can be removed by turning the nut to the left. Be sure that the nut is perfectly tightened when refitting the upper spray arm.



### Hose filter

Check the filter and the hose from time to time and clean them to prevent yellowing and formation of deposits after washing. To clean the filter, first turn off your tap and then remove the hose. After removing the filter from the hose, clean it under the tap. Insert the cleaned filter back into its place inside the hose. Refit the hose.

## CHAPTER -9: FAILURE CODES AND WHAT TO DO IN CASE OF FAILURE

ERROR CODE				ERROR DESCRIPTION	CONTROL
P1	P2	P3	End of Program indicator		
				Inadequate water supply	<ul style="list-style-type: none"> <li>• Make sure the water input tap is totally open and that there is no water cut.</li> <li>• Close the water input tap, separate the water input hose from the tap and clean the filter at the connection end of the hose.</li> <li>• Restart your machine, contact for service if the error resumes.</li> </ul>
				Error of continuous water input	<ul style="list-style-type: none"> <li>• Close the tap.</li> <li>• Contact for service.</li> </ul>
				The waste water in the machine cannot be discharged.	<ul style="list-style-type: none"> <li>• Water discharge hose is clogged.</li> <li>• The filters of your machine might be clogged.</li> <li>• Power off-on your machine and activate the program cancellation command.</li> <li>• If the error continues, contact for service.</li> </ul>
				Intended water temperature could not be reached faulty heater and heater sensor	<ul style="list-style-type: none"> <li>• Contact for service.</li> </ul>
				Alarm is Active against water overflow	<ul style="list-style-type: none"> <li>• Power of your machine and close the tap.</li> <li>• Contact for service.</li> </ul>
				Faulty heater sensor	<ul style="list-style-type: none"> <li>• Contact for service.</li> </ul>

### If the programme won't start

- Check if the plug is connected.
- Check your indoor fuses.
- Be sure that the water inlet tap is turned on.
- Be sure that you have closed the machine door.
- Be sure that you switched off the machine by pressing the Power On / Off button.
- Be sure that the water inlet filter and the machine filters are not clogged.

### If detergent residues are left in the detergent compartment

Detergent has been added when the detergent compartment was wet.

### If water is left inside the machine at the end of the programme

- The water drain hose is clogged or twisted.
- The filters are clogged.
- The programme is not finished yet.

### If the machine stops during a wash operation

- Power failure.
- Water inlet failure.

### If shaking and hitting noises are heard during a wash operation

- Dishes placed incorrectly.
- Spray arm hitting the dishes.

### If there are partial food wastes left on the dishes

- Dishes placed incorrectly into the machine, sprayed water did not reach related places.
- Basket overly loaded.
- Dishes leaning against one another.
- Very small amount of detergent added.
- An unsuitable, weak wash programme selected.
- Spray arm clogged with food wastes.
- Filters clogged.
- Filters incorrectly fitted.
- Water drain pump clogged.

## CHAPTER -10: PRACTICAL AND USEFUL INFORMATION

### **If there are white looking stains on the dishes**

- A very small amount of detergent is being used.
- Rinse aid dosage setting at a very low level.
- No special salt is being used despite the high degree of water hardness.
- Water softener system setting is at a very low level.
- Salt compartment cap not closed well.

### **If the dishes won't dry up**

- A programme without a dry operation selected.
- Rinse aid dosage set too low
- Dishes unloaded too fast.

### **If there are rust stains on the dishes**

- Not proper weight wooden part inserted on the door.
- High rate of salt in the wash water.
- Salt compartment cap not closed well.
- Too much salt spilt into the sides and into the machine while filling it with salt.
- Unhealthy mains grounding.

### **Door is not opened / closed properly ;**

- Not proper weight wooden part inserted on the door. ( Follow the weight given in the Assembly manuel )
- The tensile of the door spring not adjusted properly. Adjust it according to the Assembly manuel

**Call for service if the problem still persists after taking the measures above or in case of any malfunction not described above.**

### **PRACTICAL AND USEFUL INFORMATION**

1- When you won't be using your machine for an extended period

- Unplug the machine and then turn the water off.
- Leave the door slightly ajar in order to prevent the formation of unpleasant smells.
- Keep the machine interior clean.

2- Eliminating water droplets

- Wash the dishes with the intensive programme.
- Take all of the metal containers in the machine out.
- Do not add detergent.

3- If you properly place your dishes into the machine, you will be using it in the best way in terms of energy consumption, washing and drying performance.

4- Clean all rough waste before you place dirty dishes to the machine.

5- Operate the machine after it is completely full.

6- Use the pre-washing program only when necessary.

7- Observe program information and average consumption values table when selecting a program.

8- Since the machine will reach high temperatures, it should not be placed near a refrigerator.

9- If the appliance is located in a place where the risk of freezing exists, you must completely drain the water that has remained in the machine. Turn off the water tap, disconnect the water inlet hose from the tap and allow the interior water to drain.



## DISPOSAL OF YOUR OLD MACHINE

This symbol on the product or package means that the product should not be treated as domestic waste. Instead, it should be delivered to waste collection places recycling electrical and electronic equipment. You will help avoid damage to the environment and risks to public health. Recycling materials will help natural resources to be preserved. For more detailed information regarding recycling of this product, please contact your local authority or the shop where you purchased the product from.





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