

Dishwasher  
**NEPTUNE SX1**

User Manual

**IFB**  
[www.ifbappliances.com](http://www.ifbappliances.com)



Read Instructions before switching on the Dishwasher.  
Observe the safety guidelines for installation.

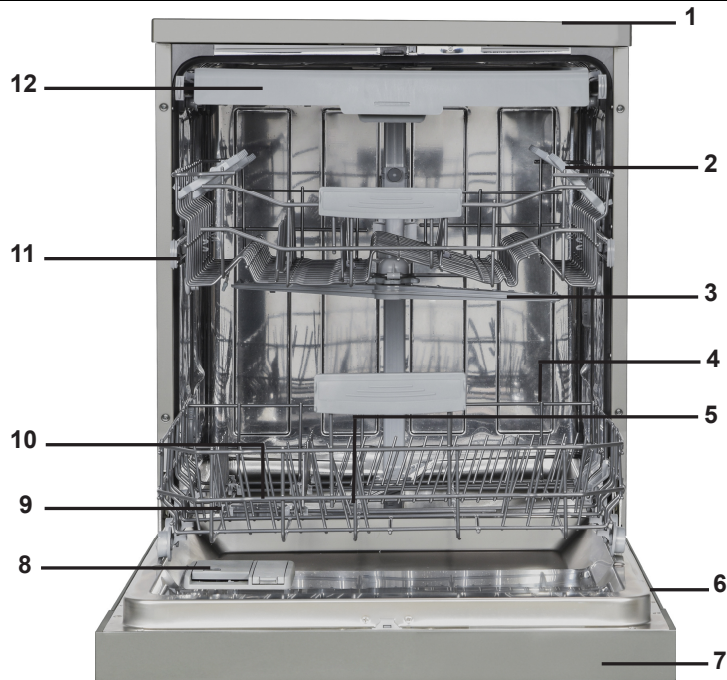




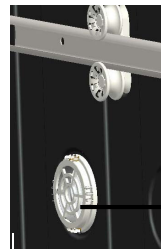
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- |                            |                                      |
|----------------------------|--------------------------------------|
| 1. Worktop                 | 7. Control Panel                     |
| 2. Upper basket with racks | 8. Detergent and rinse-aid dispenser |
| 3. Upper spray arm         | 9. Filters                           |
| 4. Lower basket            | 10. Salt dispenser                   |
| 5. Lower spray arm         | 11. Upper basket track latch         |
| 6. Rating plate            | 12. Upper Cutlery Basket             |



→13

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



→14

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



→**15. Interior light :** It provides you to place your dishes better.

## Technical specifications

Capacity	15 place settings
Height	850 mm
Height (without worktop)	820 mm
Width	598 mm
Depth	598 mm
Net Weight	53 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 /

### EU Declaration of Conformity

This product meets the requirements of all applicable EU directives with the corresponding harmonised standards, which provide for CE marking.

**Important Note for User:**For softcopy of this user manual, please contact 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.

## About E-waste

E-waste or Electronic Waste or Waste Electrical and Electronic Equipment (WEEE) are the terms used to describe old, end-of-life or discarded appliances which are operated using electricity.

### Do's and don'ts for customers

#### Do's

- Always dispose of products that have reached end-of-life by calling an Authorized local E-waste Recycler.
- Always drop off your used/discarded or end-of-life electronic products, batteries or any accessories at your nearest Authorized E-Waste Recycler or E-waste collection center.
- Wherever possible or as instructed, separate the packaging material according to responsible waste disposal and recycling options.
- Check with your nearest dealer or electronic showroom if any scheme is available with return of old and end-of-life electronic item.

#### Don't

- Do not dismantle your electronic products on your own.
- Do not throw electronics in bins having "Do Not Dispose" sign.
- Do not give E-waste to informal and unorganized sectors like Local Scrap Dealer and Rag Pickers.
- Do not dispose off your product in garbage bins along with municipal waste that ultimately reaches landfills.

### Risks of improper handling of E-waste

E-waste usually includes components which if disposed off improperly hold adverse environmental consequences such as air, water, and soil pollution and also pose risks to human health. By ensuring this product is disposed off correctly, you will help prevent potential negative consequences for the environment and human health.

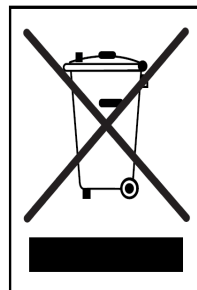
Components and materials used in the manufacture of this product are RoHS compliant.

### CE Declaration of Conformity

We declare that our products meet the applicable European Directives, Decisions and Regulations and the requirements listed in the standards referenced.

### Packaging and Recycling

Packaging materials protect your machine from damage that may occur during transportation. The packaging materials are environmentally friendly as they are recyclable. The use of recycled material reduces raw material consumption and therefore decreases waste production. Plastics are marked with the international abbreviations (>PE<, >PP<, etc. ). The cardboard parts consist of recycled paper. They can be put into waste paper containers for recycling.



### For detailed information and disposal request

Please visit our website <https://www.ifbappliances.com/e-waste> or Contact IFB Care at 080 458 45678 and provide your details to our representative to raise a request for product to be picked up for recycling and safe disposal.

# **SAFETY INFORMATION AND RECOMMENDATIONS**

## **Recycling**

- Certain components and the packaging of your machine have been produced from recyclable materials.
- Plastic parts are marked with international abbreviations: (>PE< , >PS< , >POM< , >PP< , )
- Cardboard parts have been produced from recycled paper and they should be disposed of into waste paper collection containers for recycling.
- Such materials are not suitable for being disposed of into 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***

- Check for any damage to your machine or to its packaging. Never start a machine damaged in any way, make sure to contact an authorised service.
- 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.
- This machine should be installed and repaired by an authorised service only.
- 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 the values indicated on the rating plate.
- Pay special attention and 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 comfortably accessible after the machine has been installed.
- After installing the machine to a suitable place, 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 get up, sit or place a load on the open door of the dishwasher, it may fall over.
- Never put into the detergent and rinse aid dispensers of your machine anything other than those detergents and rinse aids which are produced specifically for dishwashers. Our company will not be responsible for any damage that might occur in your machine otherwise.
- The water in the machine's washing section is no drinking water do not drink it.
- Due to danger of explosion, do not put into the machine's washing section any chemical dissolving agents such as solvents.
- Check whether plastic items are heat-resistant before washing them in the machine.
- 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 have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

- Do not put into your machine those items which are not suitable for dishwashing. Also, do not fill any basket above its capacity. Our company will not be responsible for any scratch or rust to form on the inner frame of your machine due to basket movements otherwise.

- Especially because hot water may flow out, the machine door should not be opened under any circumstances while the machine is in operation. In any case, a safety device ensures that the machine stops if the door is opened.

- Do not leave your dishwasher's door open. Failure to do so may lead to accidents.

- Place knives and other sharp-ended objects in the cutlery basket in blade-down position.

- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

- 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.

- If EnergySave option is selected as "Yes", The door will be opened at the end of the program. Do not force to close the door to avoid harm auto door mechanism during 1 minutes. The door must be open during 30 minutes to get effective drying. ( in models with auto door opening system )

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

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

- After removing the machine's 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 your children away from detergents and rinse aids.
- 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 gotten themselves locked in old machines. To forestall such a situation, break your machine's door lock and tear off the electrical cables.

## **In case of malfunctioning**

- Any malfunction in the machine should be repaired definitely by qualified persons. Any repair work performed by anyone other than the authorised service personnel will cause your machine to be left outside the scope of warranty.
- Prior to any repair work on the machine, be sure that the machine is cut off 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 whenever necessary.
- Place such hollow items as bowls, glasses and pots into the machine in such a way that they will face down.
- You are recommended not to load into your machine any dishes different or more than indicated.

## **Items not suitable for dishwashing:**

- Cigarette ashes, 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, porcelains with ornamental printed patterns as they fade even after the first wash; certain crystal items as they lose their transparency over time, adhered 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 place to put your machine on, take care to choose a place where you can easily load and unload your dishes.

Do not put your machine in any location where there is the probability for the room temperature to fall 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 will not 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 a certain clearance from all sides of the machine so that you can comfortably move 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.

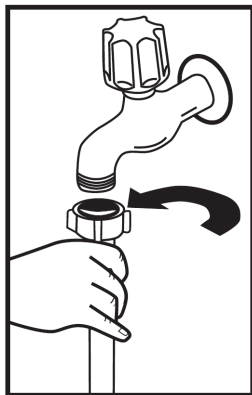
Adjust the machine's adjustable feet so that it can stand level and balanced. Proper positioning of the machine ensures problem-free opening and closing of its door.

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

## **Water connection**

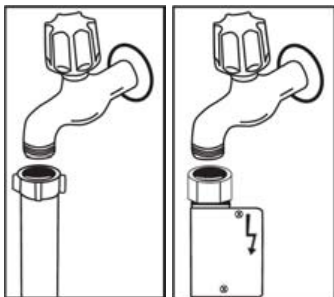
Be sure that the indoor plumbing is suitable for installing a dishwasher. Also, we recommend that you fit a filter at the entrance of your place or apartment so as to avoid any damage to your machine because of any contamination (sand, clay, rust etc.) that might be occasionally carried in through the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

## Water inlet hose

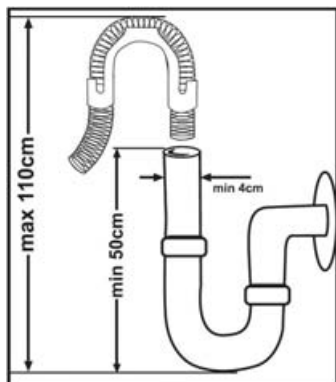


Do not use the water inlet hose of your old machine, if any. Use the new water inlet hose supplied with your machine instead. If you are going to connect a new or long - unused water inlet hose to your machine, run water through it for a while before making the connection. Connect the water inlet hose 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 the connections are made, the tap should be turned on fully and checked for water tightness. For the safety of your machine, make sure to always turn off the water inlet tap after each wash programme is finished.



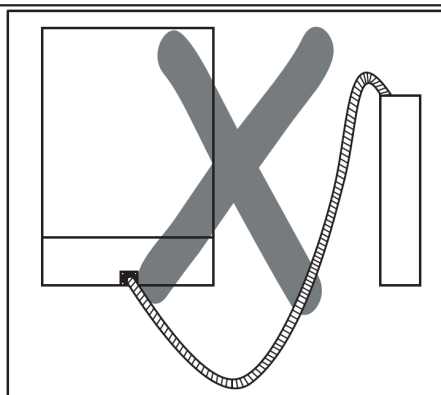
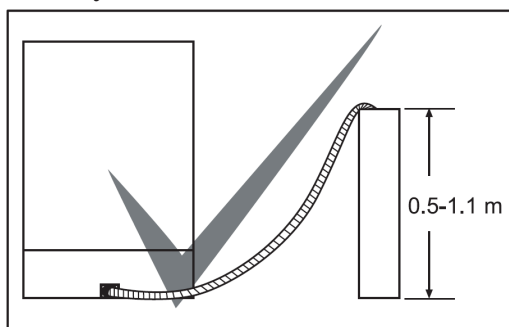
**NOTE:** Aquastop water spout is used in some models. In case of using Aquastop, a dangerous tension exists. Do not cut Aquastop water spout. Do not let it get folded or twisted.



## 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 at a minimum of 50 cm and at a maximum of 110 cm from the floor plane.

**Warning:** When a drain hose longer than 4 m is used, the dishes might remain dirty. In that case, our company 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 carry out an earthing installation. 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 machine's 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, always make sure to disconnect the plug when a wash programme is finished.

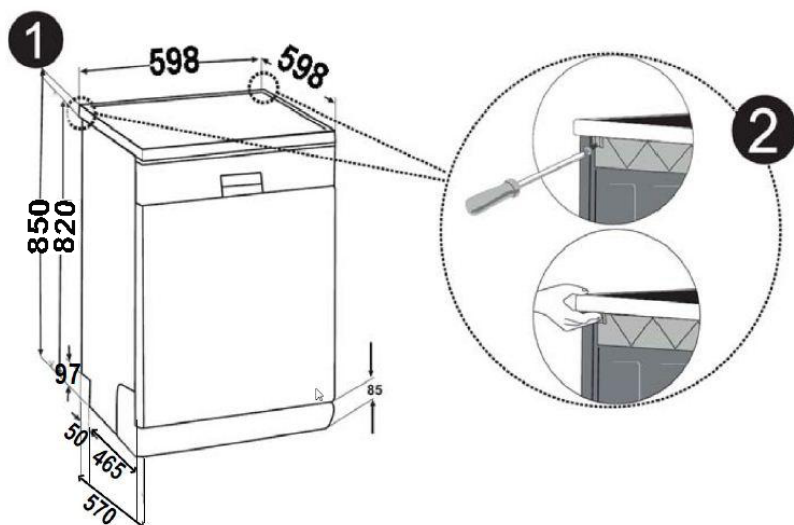
In order not to cause an electric shock, do not unplug when your hands are wet.

When disconnecting your machine from the mains supply, always pull from the plug. Never pull the cord itself.



## Fitting the machine undercounter

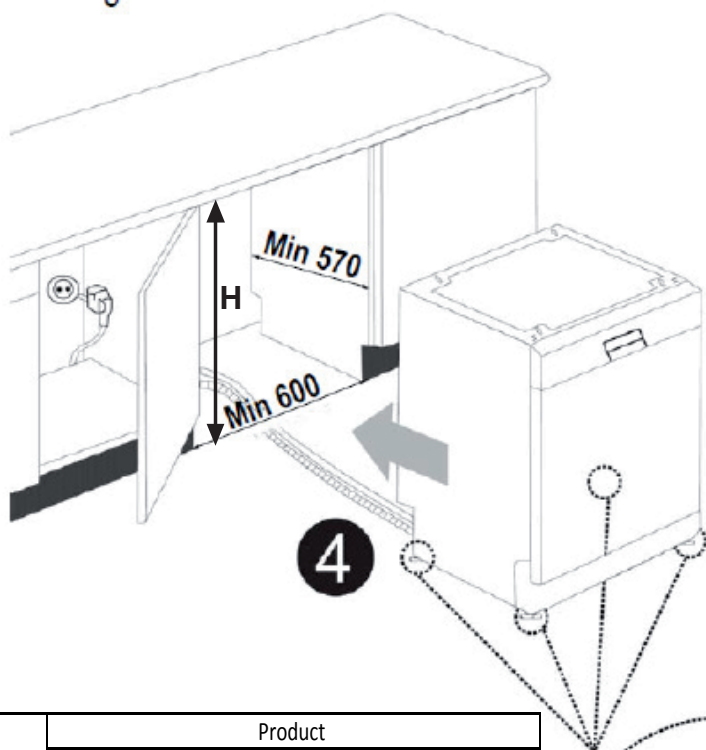
If you wish to fit your machine undercounter, check whether you have sufficient space under your countertop and whether the wiring-plumbing is suitable to do so. **1** If you decide that the space under the countertop is suitable for fitting your machine, remove the worktop as shown in the illustration. **2**



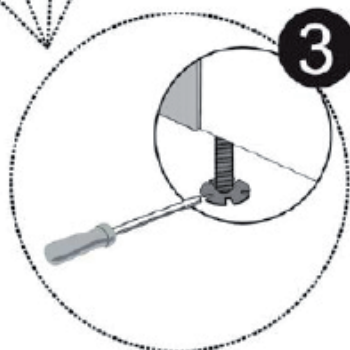
**Warning:** The stand part which we will settle our machine under it by removing its worktop has to be stable in such a way not to allow balance disorder.

To remove the worktop, remove the screws that hold the worktop which are located at the rear of the machine; then push the front panel 1 cm from the front side towards the rear and lift it.

Adjust the machine feet according to the slope of the floor.<sup>3</sup>  
 Fit your machine by pushing it undercounter without letting the hoses get crushed or bent.<sup>4</sup>



	Product		
	Without Insulation	With Insulation	
	All Product	For 2nd Basket	For 3rd Basket
Height	820 mm	830mm	835 mm



**Warning:** After removal of worktop, the machine should be placed in such a closed place of which dimensions are shown at fig.

## IF AVAILABLE

### **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 equipment. This will negatively affect your machine's washing, drying and shining performance. When water flows through the softener system, the ions forming the hardness are removed from the water and the water reaches the softness required to obtain the best washing result. Depending on the level of hardness of the inflowing water, these ions that harden the water accumulate rapidly inside the softener system. Therefore, 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.

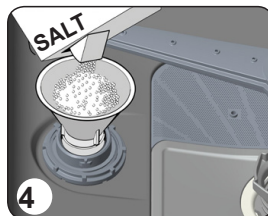
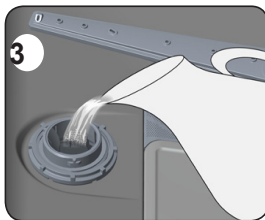
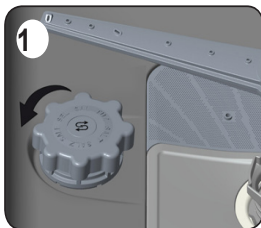
### **Filling with salt**

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 clockwise. **1** At first fill the compartment with 1 kg salt and water **3** at overflowing level. If available, using the funnel **4** provided will make filling easier. refit the cap and close it. If the salt warning lamp on the control panel becomes on fill the salt compartment with salt again.

#### **Fill the salt compartment with water at first use only.**

If you put a tablet into the salt compartment, do not fill the compartment completely. We recommend that you use small-grained or powder softener salt. Do not put table salt into your machine. Otherwise, the function of the softener compartment may decrease over time. When you start your dishwasher, the salt

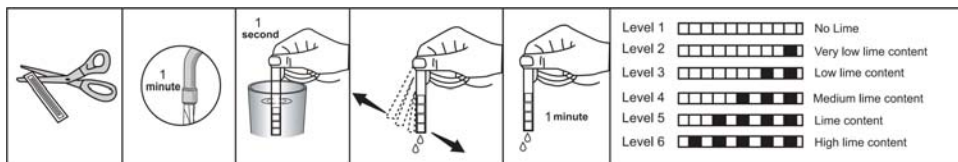
compartment gets filled with water. Therefore, put the softener salt prior to starting your machine. This way, overflowing salt gets immediately cleaned up through the wash operation. If you are not going to wash any dishes immediately after putting salt, then run a short washing program with an empty machine in order to avoid any damage ( to prevent corrosion ) to your machine due to the salt overflow while filling in the salt container.



### 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.	Wait for 1 min.	Make your machine's water hardness setting according to the result obtained through the testing strip.
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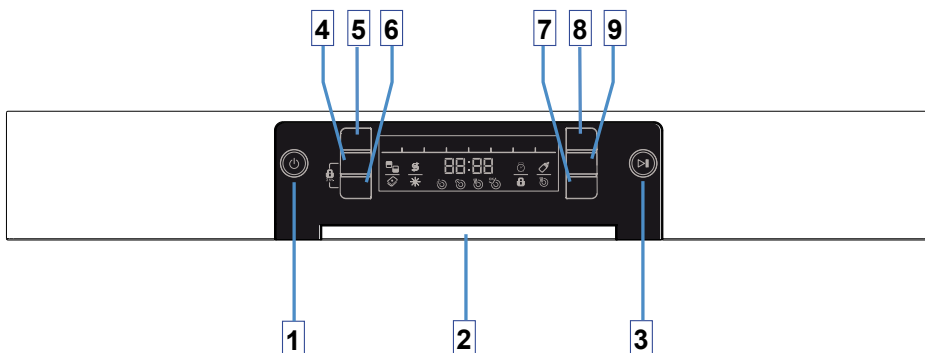
### Adjusting salt consumption

#### Table of Water Hardness Level Settings

Level	German dH	British dE	French dF	PPM	Indicator
1	0-5	0-6	0-9	0-90	L1 is shown on the display.
2	6-11	7-14	10-20	100-200	L2 is shown on the display.
3	12-17	15-21	21-30	210-300	L3 is shown on the display.
4	18-22	22-28	31-40	310-400	L4 is shown on the display.
5	23-31	29-39	41-55	410-550	L5 is shown on the display.
6	32-39	40-49	56-70	560-700	L6 is shown on the display.

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.



Adjust water hardness setting of your machine according to the level specified on the test track.

**P**

Push the Programme selection button and hold down. **5**



In the meantime, energize the machine by pushing ON/OFF button. **1**

**P**

Hold down the programme selection button until “SL” on the screen goes off. After “SL” goes off, release the programme button. **5**

The machine will show the last water softening setting carried out.

You can make water hardness setting by pressing on “program selection button (+)(5)” and “Delay button (-)(8)” buttons on the display. **5 8**



After making water hardness setting, memorize the chosen setting by pushing ON/OFF button. **1**

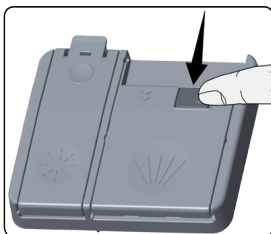
### ***Detergent usage***

Use a detergent specifically designed for use in domestic dishwashers. You can find powder, gel, and tablet detergents in the market 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 fill detergent into the detergent compartment more than required; 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 detergent manufacturers directly.



### ***Filling the detergent compartment***

Push the latch to open the detergent container as shown in the image. Detergent pod has level lines inside. It is possible to measure the right detergent amount using these lines. Detergent pod can take totally 40 cm<sup>3</sup> detergent.

Open the dishwasher detergent and pour into

the larger compartment 25 cm<sup>3</sup> if your dishes are heavily soiled or 15 cm<sup>3</sup> if they are less soiled.



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.

### ***Combined detergent***

Detergent manufacturers also produce combined detergents called "2 in 1", "3 in 1" or "5 in 1" etc.

"2 in 1" detergents contain detergent + salt or rinse aid. When using "2 in 1" detergents make sure to check the specifications of the tablet.

Other tablet detergents contain detergent + rinse aid + salt + various extra functions.

Generally, combined detergents produce sufficient results under certain usage conditions only. Such detergents contain rinse aid and/or salt in preset amounts

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

- Always make sure to check the specifications of the product you will use or whether or not it is a combined product.
- Check if the detergent used is appropriate for the hardness of mains water that machine is pertaining to.
- Observe the instructions on packagings when using such products.
- If such detergents are in the form of tablets, never put them into the interior section or the cutlery basket of the dishwasher. Always put the tablets into the detergent compartment in the detergent dispenser.

- They produce good results for certain types of usage only. If you are using this type of detergents, you need to contact the manufacturers and find out about the suitable conditions of use.
- When the conditions of use of such products and the machine settings are appropriate, they ensure savings in salt and/or rinse aid consumption.
- Contact the detergent manufacturers if you are not obtaining good wash results (if your dishes stay calcareous and wet) after having used 2 in 1 or 3 in 1 detergents. 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 in such programs.

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

#### **When you give up using combined detergents**

- Fill the salt and rinse aid compartments.
- Adjust the water hardness setting to the highest position ( 6 ) and run an empty-wash.
- Adjust the water hardness level.
- Make the suitable rinse aid setting.

#### **1.1. Filling the rinse-aid and setting**

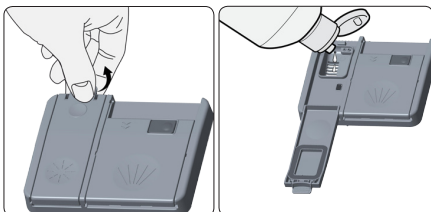
To fill the rinse aid compartment, open the rinse-aid compartment cap. Fill the compartment with rinse aid to the MAX level and then close the cap. Be careful not to overfill the rinse aid compartment and wipe up any spills.

**In order to change the rinse aid level, follow the below steps before turning on the machine:**

- Push the programme button and hold it down.
- Turn on the machine.
- Hold down the programme button until “rA” disappears from the display. Rinse aid set follows water hardness set.
- The machine will display the current setting.
- Set the level by pushing the programme (+) and delay (-) buttons.
- Switch off the machine to save the setting.

The factory setting is “4”.

If the dishes are not drying properly or are spotted, increase the level. If blue stains form on your dishes, decrease the level



Level	Brightener Dose	Indicator
1	Rinse-aid not dispensed	r1 is shown on the display.
2	1 dose is dispensed	r2 is shown on the display.
3	2 doses are dispensed	r3 is shown on the display.
4	3 doses are dispensed	r4 is shown on the display.
5	4 doses are dispensed	r5 is shown on the display.

## LOADING YOUR DISHWASHER

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 handles, 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.

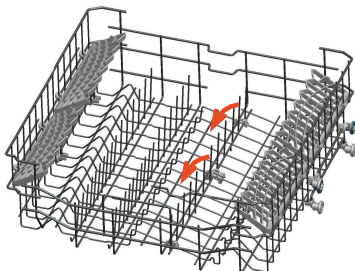
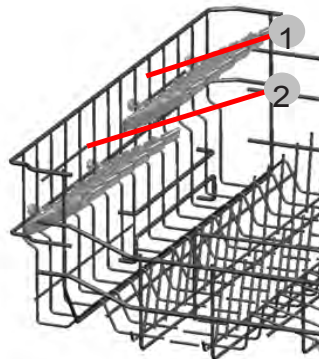
**Warning:** Place your dishes into your machine in a way that they will not prevent the upper and lower spray arms from spinning.

### Top basket

#### Height Adjustable Rack

These racks are designed to increase the capacity of the top basket. You can place your glasses and cups on the racks. You can adjust the height of these racks. Thanks to this feature, you can place different sizes of glasses under these racks.

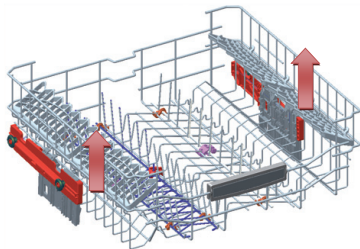
Thanks to height adjustment plastics mounted on the basket, you can use your racks in 2 different heights. In addition, you can place long forks, knives and spoons on these racks laterally, so that they do not block the revolution of propeller.



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 raising them upwards, or by folding down.



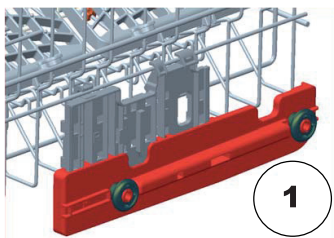
### ***Top basket height adjustment while it is full***



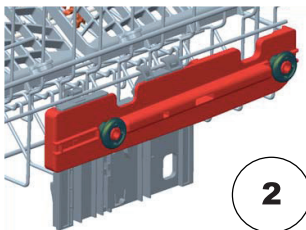
Basket height adjustment mechanism on the top basket of your machine is designed to let you adjust the height of your top basket upwards or downwards, without removing it from your machine when it is full, and create large spaces at the top or bottom area of your machine as needed. Basket of your machine is set to upper position in factory settings.

In order to raise your basket, hold it from both sides and pull it upwards. In order to lower it, hold it from both sides again, and leave it.

In loaded basket adjustment mechanism, make sure that both sides are in the same position (up or down).



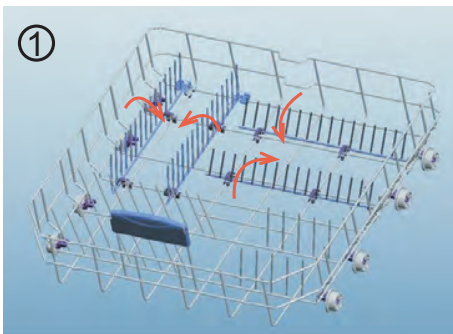
1



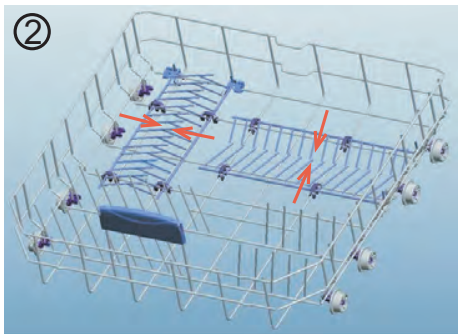
2

### ***Lower Basket Folding Racks***

Folding racks consisting of four 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.



①



②

### ***Upper Cutlery Basket***

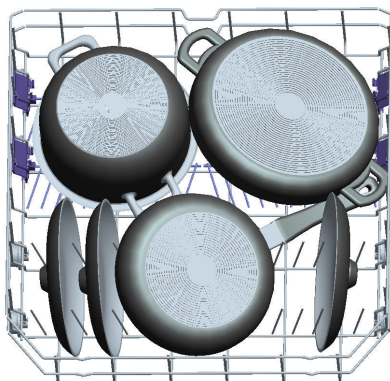
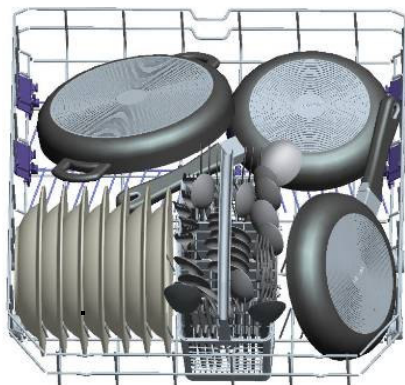
The upper cutlery basket is designed for you to place forks, spoons and knives, long dippers and small items.



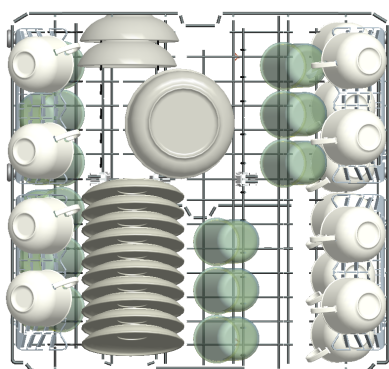
**Warning:** Knives and other sharp objects must be placed horizontally in the cutlery basket.

## ***Alternative basket loads***

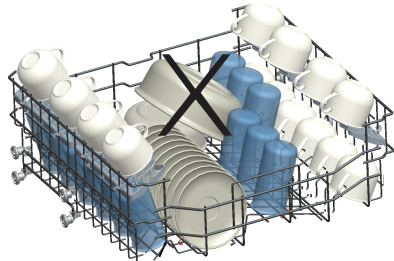
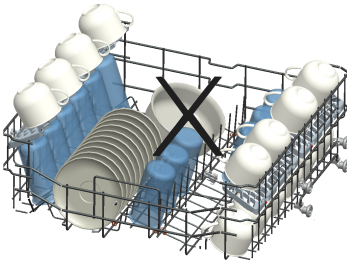
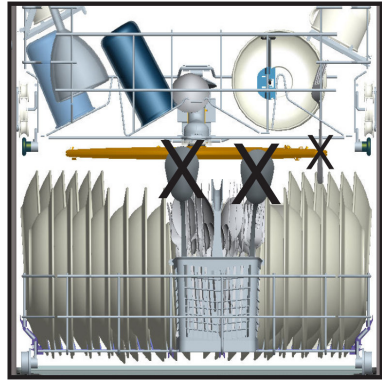
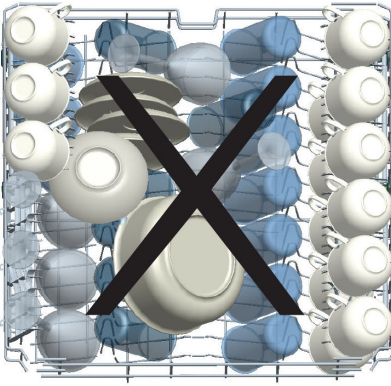
### ***Lower Basket***



### ***Top basket***



### ***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.

## PROGRAM DESCRIPTIONS

	P1	P2	P3	Reference P4	P5	P6	P7	P8
Program Name:	Prewash	*Jetwash 14 dk.	Quick 30 Mins. 40 °C	Eco 50°C	Super 50 Mins. ***	Auto Delicate	Auto Normal	Auto Intense
Washing Temperature	-	35°C	40°C	50°C	65°C	30-50°C	50-60°C	60-70°C
Type of Soil:	Fresh light contamination, coffee, milk, tea	Fresh light contamination, coffee, milk, tea	Fresh light contamination, coffee, milk, tea, cold meat, vegetables	Fresh light contamination, coffee, milk, tea, cold meat, vegetables	Old soups, sauces, pastries, egg, rice potato and oven foods, fried foods	Old soups, sauces, pastries, egg, rice potato and ven foods, fried foods		
Level of Soil:	Low	Low	Low	Medium	Medium	High	High	High
Amount of Detergent: A: 25 cm3 B: 15 cm3"	-	**A	B	A+B	A+B	A+B	A+B	A+B
	Prewash	35°C Wash	40° C Wash	Prewash	65°C Wash	Washing step are determined automatically according to the amount of contamination.		
	Final	Hot Rinse	Cold Rinse	50°C Wash	Warm Rinse			
			Hot Rinse	Hot Rinse	Hot Rinse			
			Final	Drying	Final			
				Final				
Program Duration (h:min)	15	14	30	171	50	64-92	100-121	111-179
Electricity consumption (kWh/cycle)	0,02	0,57	0,76	0,93	1,29	0,80-0,99	1,13-1,46	1,30-1,95
Water consumption (l/cycle)	4,2	7,7	10,9	9,0	10,77	10,6-17,7	10,9-18,5	12,3-24,6

\*Jetwash 14 min. program can be used for the washing of fresh, low contamination dishes. It is suitable for washing dishes for 4 people.

\*\* Jetwash 14 mins. program should use only powder detergent.

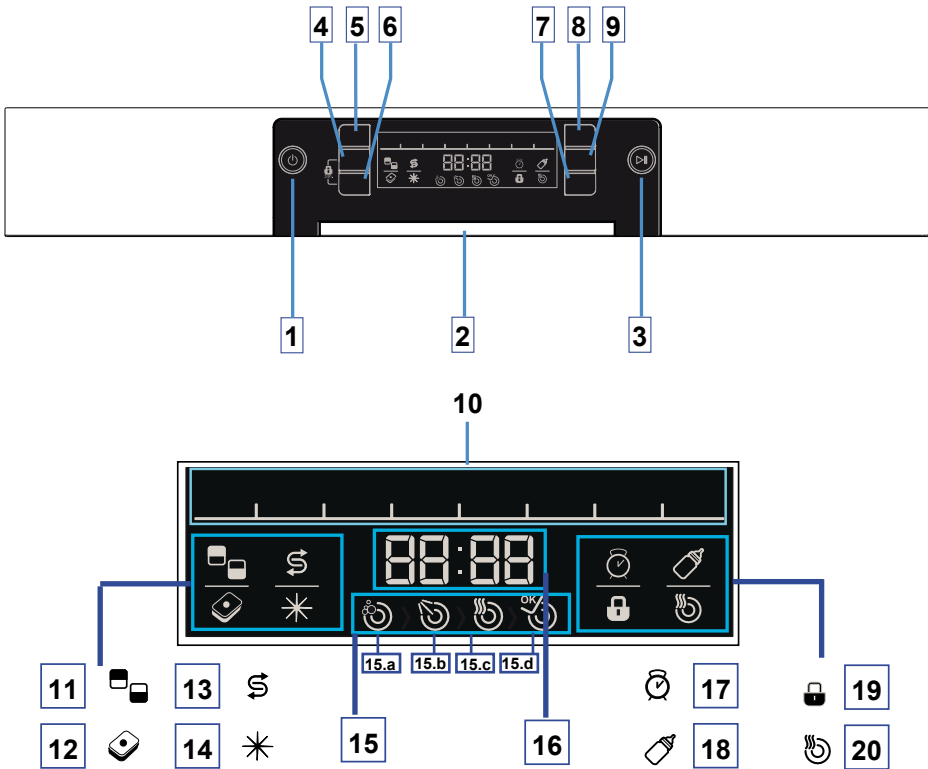
**Warning: Jetwash 14 mins. ,quick 30 mins. and super 50mins. programs do not have drying step.**

The values stated above are values that are obtained in laboratory environment with respect to related standards.

These values can change according to the product's usage and environmental (mains voltage, water pressure, water inlet temperature and ambient temperature).

"When the softener system is refreshed after a program ended, the chosen program duration increases between 15 to 22 minutes"

## GETTING FAMILIAR WITH YOUR MACHINE



- 1-On/Off Button
- 2-Door Handle
- 3-Start/Standby button
- 4-Half Load Button
- 5-Program Button
- 6-Tablet Detergent Button
- 7-Extra Rinse Button
- 8-Delay Button
- 9-Extra Hygiene Button
- 10.Program Displays
- 11-Half Load Symbol
- 12-Tablet Detergent Symbol
- 13-Salt Level Warning Display
- 14-Rinse Aid Level Warning Display

- 15-Program Phases Follow-up Display
  - a-Washing Phase Symbol
  - b-Rinse Phase Symbol
  - c-Drying Phase Symbol
  - d-Completion Symbol
- 16-Remaining Time/Delay Time/Program Time Display
- 17-Delay Symbol
- 18-Extra Hygiene Symbol
- 19-Child Lock Symbol
- 20-Extra Rinse Symbol


### **Power On/Off Button** 1

When you press the on/off button, the machine is energized.

### **Door Handle** 2

Please use the door handle to open-close the door of your machine.

### **Start/Standby Button** 3

When you press the start/standby button, the program selected with the program button 5 will start and the display will show the washing image “” 15.a. You may follow the washing phases from the display. 15

### **Ecowash Button (Half load button)** 4

Using the Ecowash function, three sorts of washing up can be done those being lower basket, upper basket and both baskets.

If you have little amount of dishes in your machine and if you have to wash them, you can also activate the semi-filling function for some programs.

If you have dishes in both baskets, press the key  $\frac{1}{2}$  and select the position in which both lamps are highlighted.



If you have dishes only in the upper basket, press the key  $\frac{1}{2}$  and select the position in which the upper image is illuminated. Thus, washing up shall be done only on the upper basket of your machine.



If you have dishes only in the lower basket, press the key  $\frac{1}{2}$  and select the position in which the lower image is illuminated. Thus, washing up shall be done only on the lower basket of your machine. In using this feature, make sure that there are no dishes in the upper basket.



### **Program Button** 5

You may select the appropriate washing program from the display using the program button 10

### **Tablet Detergent Button** 6

Press the Tablet Detergent Button whenever you will use salt, rinse agent and combined detergents having extra properties. If this button is active for the program you have selected, indicator no. 12 will be illuminated on the display.

### **Extra Rinse Button** 7

Using this button, you may add extra rinse to the program you have selected. When you select the extra rinse function, indicator no. 20 is illuminated on the display, and thus washig-rinsing steps will be added into the selected program, so you can ensure that your dishes will be extracted cleaner and glossier.



**Delay Button 8**

Before the program starts, you may adjust the delay time by pressing the Delay button. When you press the delay button, indicator no. 17 will be illuminated on the display.

**Extra Hygiene Button 9**

By pressing this button in order to obtain extra hygiene and a cleaner washing process by altering the water temperature and washing time of the program you have selected.

When you select the extra hygiene function, indicator no. 18 will be illuminated on the display.

**Salt Level Warning Display 13**

In order to understand whether the salt in your machine is sufficient or not, please check the salt level warning display. If this display is illuminated, fill the salt section.

**Rinse Aid Level Warning Display 14**

In order to understand whether the rinse agent in your machine is sufficient or not, please check the rinse agent level warning display. If this display is illuminated, fill the rinse agent section.

**Remaining Time Display 16**

The Remaining Time Display shows the time of the programs and the remaining time while the program is in operation. You may also adjust the delay time by pressing the delay button before the program starts.

**Use of Child Lock**

On order to activate the child lock, press both "tablet" and "half load" buttons at the same time for 3 seconds. In the meantime, you will see "CL" for 2 seconds on the Remaining time display. In order to deactivate, press both "tablet" and "half load" buttons at the same time for 3 seconds. "CL" will flash two times.

## SELECTING A PROGRAMME AND STARTING THE MACHINE

### Starting the Machine

- 1 Press Power On/Off switch. **1**
- 2 Select the appropriate program for your dishes using the Program Button. **5**
- 3 If you prefer, you can select additional functions. **4 6 7 9**
- 4 Start the programme by pressing the Start/Standby button. **3**

### Program Follow-up

You can follow the progress by the help of the program follow-up symbols on the display. **15**



As the washing proceeds, respectively Washing and Drying symbols will be illuminated.



When the drying symbol is on, the machine remains silent for about 45-50 minutes.



Do not open the door before the completion lamp is on. When the program finishes, Completion symbol is illuminated.

When the program you have selected starts, you may see the estimated remaining time in the time indicator.



**NOTE:** The total time that programs take might differ in accordance with the room's temperature, temperature of the mains water and the amount of your dishes; therefore the program may take a different amount of time than that initially stated.

## Program Change

If you want to change the program while another one is proceeding;

- . Press on Start/Standby button. [3]
- . Select the new program using Program button. [5]
- . The newly selected program continues from where the previous one was left.
- . Start the programme by pressing the Start/Standby button again. [3]

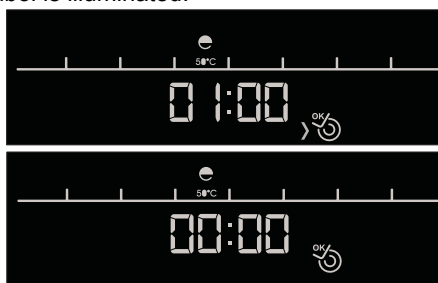
## Cancelling programme

If you want to cancel the program while another one is proceeding;

- . Hold the Start/Standby button for 3 seconds. [3]
- . The display will count down from 3 to 1 and when the countdown is over, the remaining time will be displayed as 1 minute.



The machine will dispose of all the water in this 1 minute; the time is reset and completion symbol is illuminated.



## Switching off the Machine

- . When the Completion symbol is illuminated, switch off your machine by pressing the On/Off button.
- . Later, unplug your machine and turn off its faucet.

**NOTE 1:** A few minutes after the program finishes and the Completion lamp is illuminated, you may open the door slightly and leave it ajar in order for the drying process to be faster.

**NOTE 2:** If the machine door is opened or a power failure occurs during washing, the machine will proceed from where it stopped after the door is closed or power is restored.



### ***Inner Light Option***

Machine must be ON position during activation and deactivation of inner light modes.

Note: Open or close position of the door is not important.

#### **How to change from “ECO MODE” to “NORMAL MODE”:**

- \* First energize the machine via main switch (if it is in OFF position).
- \* Press “Delay” and “Extra Hygiene” buttons simultaneously for 3 seconds.
- \* “IL: 00” will be shown in the display for 2 seconds to show the “Normal Mode” is selected for inner light option.
- \* After “Normal Mode” is selected, the inner light will be ON as long as the machine is energized and machine door is open.

#### **How to change from “NORMAL MODE” to “ECO MODE”:**

- \* First energize the machine via main switch (if it is in OFF position).
- \* Press “Delay” and “Extra Hygiene” buttons simultaneously for 3 seconds.
- \* “IL: 01” will be shown in the digit display for 2 seconds to show the “Eco Mode” is selected for inner light option.

Also inner light turns OFF and ON again (blinks momentarily) to show this selection is activated.

- \* After “Eco Mode” is selected, the inner light will be ON for 4min after machine door is opened and then turns OFF.

If any user intervention occurs such as pressing buttons, Eco Mode cycle starts from beginning (inner light is ON for 4min and then becomes OFF again)

**Note:** Factory setting for inner light are set to “IL:01”.

## MAINTENANCE AND CLEANING

***Cleaning the machine in regular intervals prolongs the machine's service life.***

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

-Fill the detergent compartment without loading any dishes into the machine, select a programme that runs at high temperature, and start the machine. In case of insufficiency, use special cleansing material available in the market. (Cleansing material produced special to machines by detergent producers.)

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

-To clean any accumulated residues in the door seals, wipe the seals regularly by using a dampened cloth.

***Cleaning the machine,***

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

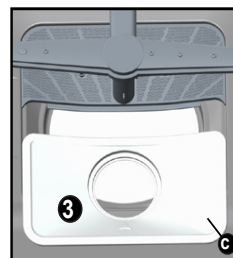
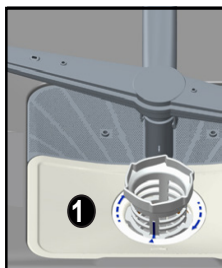
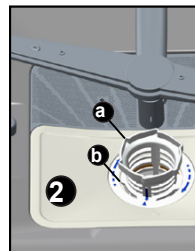
Unplug your machine and turn off its tap before starting the cleaning.

Do not use hard materials when cleaning your machine. Wipe with a fine cleaning material and a dampened cloth.

### ***Filters***

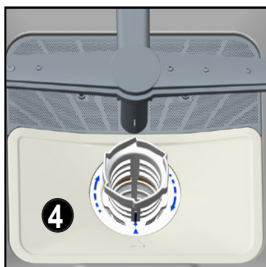
Check if any food wastes have remained on the coarse and fine filters. If any food wastes are left, remove the filters and clean them thoroughly under the water tap.

- a. Micro Filter
- b. Coarse Filter
- c. Metal/Plastic Filter

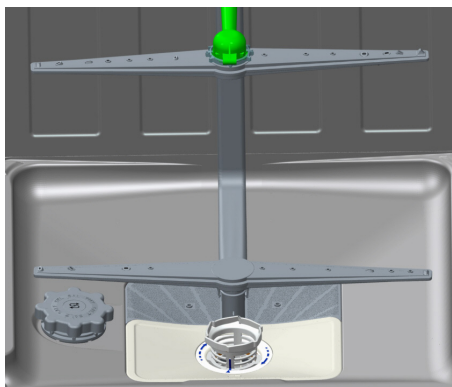


To remove and clean the filter combination, turn it counter clockwise and take it out by lifting upwards. **1**

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 will correspond to one another. Attach 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 any 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 whether or not the holes for the upper and lower spray arms are clogged. 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***

Water is prevented by the inlet hose filter so as to avoid any damage to your machine because of any contamination (sand, clay, rust etc.) that might be occasionally carried in through the mains water supply or the indoor plumbing, and to forestall such complaints as yellowing and formation of deposits after washing. Check the filter and the hose from time to time and clean them if necessary. 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.

## FAILURE CODES AND WHAT TO DO IN CASE OF FAILURE

ERROR CODE	ERROR DESCRIPTION	CONTROL
FF	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 the service if the error resumes.</li> </ul>
F3	Error of continuous water input	<ul style="list-style-type: none"> <li>• Close the tap.</li> <li>• Contact the service.</li> </ul>
F2	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 the service.</li> </ul>
F8	Heater error	Contact the service.
F1	Alarm is active against water overflow	<ul style="list-style-type: none"> <li>• Power off your machine and close the tap.</li> <li>• Contact the service.</li> </ul>
FE	Faulty electronic card	Contact the service.
F7	Overheating error (temperature in the machine is too high)	Contact the service.
F9	Divisor position error	Contact the service.
F6	Faulty heater sensor	Contact the service.
F5	Circulation Pump or pressure switch can be broken	Contact the service.

***If one of program monitor lights is on and start/Pause light is on and off,***

Your machine's door is open, shut the door.

***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 the control lamps won't go out after a wash operation***

The Power On/Off button is released yet.

***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.
- Program can be on standby mode.

***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, rather weak wash programme selected.
- Spray arm clogged with food wastes.
- Filters clogged.
- Filters incorrectly fitted.
- Water drain pump clogged.

***If there are whitish 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***

- Stainless-steel quality of the dishes washed is insufficient.
- 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.

**Call an authorised service if the problem still persists after the controls or in case of any malfunction not described above.**

<b><i>PRACTICAL AND USEFUL INFORMATION</i></b>
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**1. Whenever you will not be operating your machine**

- 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 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 mounted near 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.**

## THE PRODUCT FICHE (Spect)

Supplier's trade mark	IFB
Supplier's model	NEPTUNE SX1
Capacity of dishwasher	15
The energy efficiency class	A++
Annual energy consumption in kWh per year (AEc) ( 280 Cycle ) *	267
Energy consumption (E <sub>c</sub> ) (kWh per cycle)	0,93
Off-mode power consumption (W) (P <sub>o</sub> )	0,50
Left-on mode power consumption (W) (P <sub>i</sub> )	1,00
Annual water consumption in litres per year (AWc) ( 280 Cycle ) **	2520
Drying efficiency class ***	A
Standard programme name ****	Eco
Programme time for standard cycle ( min)	171
Noise dB(A)	45

\* Energy consumption **267** kwh per year, based on 280 standard cleaning cycles using cold water fill and the consumption of low power modes. Actual energy consumption will depend on how the appliance is used.

\*\* Water consumption **2520** liters per year based on 280 standard cleaning cycles. Actual water consumption will depend on how appliance is used.

\*\*\*Drying efficiency class **A** on a scale from G(least efficient) to A (most efficient).

\*\*\*\* The "**Eco 50 °C**" is the standard cleaning cycle to which the information in the label and the fiche relates. This programme is suitable to clean normally soiled tableware and it is the most efficient programme in terms of combined energy and water consumption.

## CUSTOMER COPY

Mr./Mrs./Ms. \_\_\_\_\_

Address. \_\_\_\_\_

\_\_\_\_\_

Telephone No.: \_\_\_\_\_

Model Name: \_\_\_\_\_

Serial No.: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

Cash Memo No.: \_\_\_\_\_

Dealer Name and: \_\_\_\_\_

Address Stamp: \_\_\_\_\_

=====

## Service Station Copy

Mr./Mrs./Ms \_\_\_\_\_

First Name Middle Name Last Name

Address: \_\_\_\_\_

\_\_\_\_\_

Pin Code: \_\_\_\_\_

Telephone No.: ( R ) \_\_\_\_\_ ( O ) \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Model Name: \_\_\_\_\_

Serial No.: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

Cash Memo No.: \_\_\_\_\_

Products Owned by the customer:(Please tick in the appropriate box.)

<input type="checkbox"/> Washing Machine	<input type="checkbox"/> Refrigerator	<input type="checkbox"/> Color TV	<input type="checkbox"/> 100% Clothes Dryer	<input type="checkbox"/> Dishwasher
<input type="checkbox"/> Music System	<input type="checkbox"/> Oven Toaster Grill	<input type="checkbox"/> 2 Wheeler	<input type="checkbox"/> Car	<input type="checkbox"/> Air Conditioner



## WARRANTY

IFB Industries Ltd. ("The Company") warrants to the original domestic purchaser of this dishwasher ("Appliance") that it is free from defects in workmanship and materials. During 24 months from the date of purchase of the new dishwasher all the parts of the dishwasher which prove to be defective in workmanship and/or materials shall be replaced or repaired free of charge on intimation to the company/ company's authorized service centre nearest to the place where the appliance is installed. This warranty is subject to limitations of warranty.



### LIMITATIONS OF WARRANTY

1. This warranty is not valid in case of the following events:
  - a) If the warranty card is not fully and properly filled in and signed at the time of purchase/ installation by the company's authorized dealer / service engineer.
  - b) If the completed warranty card is not presented to the authorized personnel at the time of service/ repair.
  - c) If the appliance is not used in accordance with manufacturer's instructions given in the **"Operating Manual"**.
  - d) If the dishwasher has been installed, serviced, repaired, opened or tampered by any unauthorized personnel.
  - e) If defects arise/caused by accidents, alteration, misuse, neglect, abuse, substitution of original components with spurious/non genuine components, attacked by household pest /rodents, fire, flood, earthquake, lightning and/or any other acts of God/natural, calamities.
  - f) If defects arising with optional accessories like trolleys, rat mesh, machine cover, on-line filter, inlet/exhaust extension hoses, tap adapter, extended power supply cable, adjustment feet cover, etc. thereof.
  - g) If damages occur by improper electrical circuits outside the dishwasher or by any electrical supply thereof.
  - h) If the machine serial number on the appliance is defaced, missing or altered.
    - i) If sea water or any substandard detergent has been used in the appliance.
    - j) If the appliance is taken out of India.
2. This warranty does not cover any type of painting, plating including rusting etc., or defects thereof.
3. The company is not liable for any incidental or consequential damages.
4. Parts replaced or repaired under this warranty are warranted throughout the remaining of the original warranty period.
5. The company is not liable for any delay in servicing due to reasons beyond the control of the company or any of its authorized service centre.
6. This warranty is not applicable, if the dishwasher is used for commercial purpose or at places like institutions, hostels, hospitals, community halls and other similar applications.

7. For any service under this warranty beyond city/town/municipal limits from the company /authorized service centre, a fixed charge of Rs. 250/- will be collected from the customers in addition to the actual to and fro charges by the shortest route. Alternatively, the customer can bring the appliance to the nearest service centre for carrying out the necessary repairs, at customer's own cost.
8. During the warranty period, whenever the appliance is shifted from the original city of purchase to another city / town where service is provided by the company's authorized service agent, a warranty transfer charge of Rs. 300/- will be collected from the customer by the company's authorized service agent. The above charges also include the reinstallation charges of the appliance. However, in case of transfer to a city where the company provides direct service, a nominal charge of Rs. 250/- only will be collected from the customer towards reinstallation. The Company, however, shall not undertake the responsibility of shifting / transferring the appliance from the location where the appliance is originally installed.
9. This warranty is issued subject to the jurisdiction of Calcutta courts. and /or other judicial / quasi judicial forums having jurisdiction over the registered office of the company.
10. This is the ONLY WARRANTY covering the appliance given by the company.

OVER **7 MILLION** SATISFIED CUSTOMERS



Microwave Oven

Built in Oven

Dishwasher

Chimney / Built in Hob

Top Load

Front Load

100% Clothes Dryer

Air Conditioner



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