

# Panasonic®

## Operating instructions & Installation instructions DISHWASHER (For Household Use Only)

Model No.

# NP-B6M2FTNZ



Thank you for purchasing this Panasonic product.  
Please read these instructions carefully before operating this product  
and retain them for future reference.

**For Domestic Use Only**

# Contents

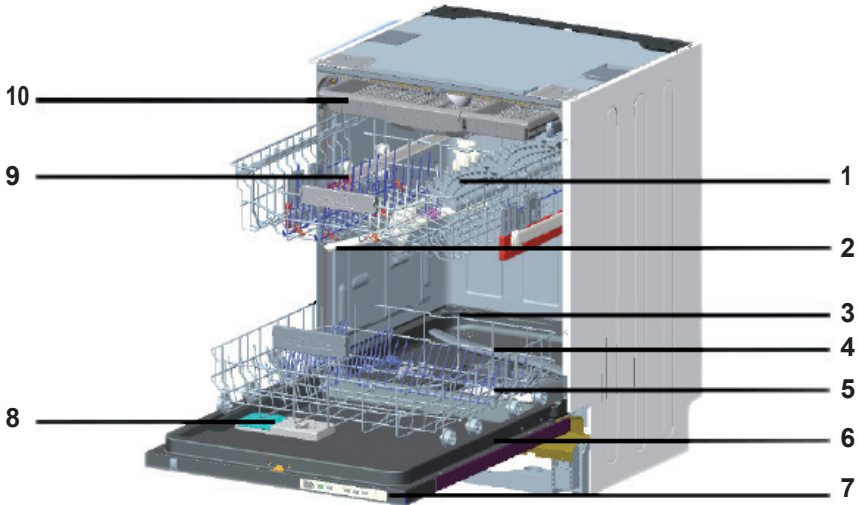
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# Introducing the product

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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. Upper basket track latch
10. Upper Cutlery Basket
11. **Ceiling Spray Arm**: It provides a better wash for the dishes in the upper basket.
12. **Turbo Drying Unit**: This system provides a better drying performance for the dishes.
13. **Interior light** : Provides illumination to give a better view when placing dishes in the unit.

## Specifications

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Capacity	15 place settings
Height	820 mm - 870 mm
Width	598 mm
Depth	550 mm
Net Weight	42,8 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

# **Safety Information and Recommendations**

## **Safety information**

### **On taking delivery of the machine**

- Carefully check the packaging and machine for any way damage. If the machine is in any damaged, do not use it and contact the Dealer.
- Remove all packaging materials as indicated and dispose of them in accordance with local regulations.

### **Machine installation advice**

- 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 technician only.
- Only original spare parts should be used with the machine.
- Before installing, ensure that the machine is unplugged.
- Ensure the electrical connection is compatible with the values on the rating plate.
- Pay special attention to ensure that the machine does not stand on the mains lead.
- Never use an extension lead or a multiple socket to power this appliance. The plug should be comfortably accessible after the machine has been installed.
- After installing the machine, run it unloaded the first time.
- Incorrect installation is not covered by Warranty.

## Safety Information and Recommendations

### **In daily use**

- This machine is for household use; do not use it for any other purpose. Commercial usage of the dishwasher will void Warranty.
- Do not use the open door of the dishwasher to get up, sit on, or place a load on, as the unit may fall over.
- Only use detergents and rinse aids which are produced specifically for dishwashers. Panasonic New Zealand Limited will not be held responsible for any damage that might occur in your machine otherwise.
- Do not drink water from the machine's washing section.
- Due to danger of explosion, do not put into the machine's washing section any chemicals or solvents other than detergents and rinse aids.
- 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 should be supervised to ensure that they do not play with the appliance.
- Do not put any items into your machine which are not suitable for dishwashing. Also, do not fill any of the baskets above their capacity. Panasonic will not be responsible for any scratch or rust to form on the inner frame of your machine due to basket movements or otherwise.

## Safety Information and Recommendations

- Due to the possibility of hot water flowing out of the machine, the door should not be opened under any circumstances while the machine is operating. If the door is opened, a safety device will activate to ensure that the machine stops.
- Do not leave your dishwasher's door open. Failure to do so may lead to accidents as this could present a trip hazard.
- If the mains lead is damaged, it must be replaced by the Manufacturer, its Authorised Service Agent or suitably qualified persons in order to avoid a hazard.
- 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.
- If the EnergySave option is selected, the door will be opened at the end of the programme. To prevent damage to the auto door mechanism, do not force the door closed for at least 1 minute. To get effective drying, the door should be open for at least 30 minutes (in models with auto door opening system).



**Warning:** Do not stand in front of the door after the beep sounds on models with auto-open function.

Knives and other utensils with sharp points must be loaded in the basket with their points down or placed in a horizontal position.



## **Safety Information and Recommendations**

### **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.
- Ensure that your old machine is disposed of in a safe manner to prevent persons being trapped inside. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

### **In case of malfunction**

- Refer repair of any malfunction to a Panasonic Authorised Service Centre. Any repair by any unauthorised personnel will void the manufacturer's warranty.
- Prior to any repair work on the machine, ensure that the machine is switched off and unplugged. Do not pull the cable when unplugging the appliance. Make sure to turn off the water tap.

# Safety Information and Recommendations

## Recommendations

- For energy and water saving, remove coarse residues from dishes before placing them into the machine. Fully load the machine before starting the programme.
- 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.
- We recommend that dishes are not loaded into your machine other than indicated, and that the capacity is not exceeded.

## 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:** We highly recommend buying dishwasher safe products in your future purchases.

## **Installation instructions**

There is another instruction sheet for installation. Please read that installation sheet when you install your machine too.

### **Positioning the machine**

When determining a location for the machine, take care to choose a place where it is easy to load and unload 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 and a drain. The machine needs to be sited in a location with the 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 or kinked while positioning the machine. Also, make sure that the machine does not stand on the mains lead.

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 the machine does not close properly, check if the machine is level and stable; if not, adjust the feet accordingly.

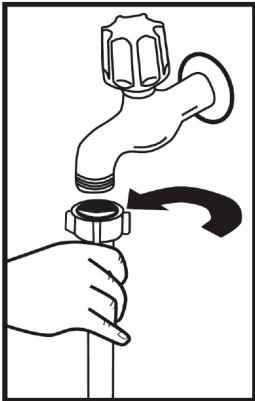
# Installation instructions

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## Water connections

Ensure that the indoor plumbing is suitable for installing a dishwasher. Also, we recommend that you fit a water filter at the point the mains water enters your property 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 reduce the occurrence of things such as yellowing and formation of deposits after washing. The installation shall be in accordance with the requirements of AS/NZS 3500.1.

## Water inlet hose

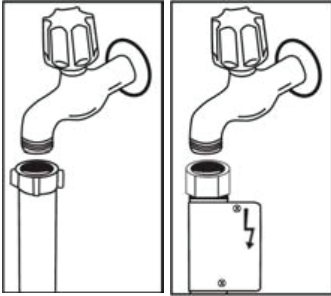


Use the new water inlet hose supplied with this machine. Do not use the water inlet hose, if any, from your old machine. If connecting a new water inlet hose, or one that has not been used for some time, run water through it for a while before making the connection. Connect the water inlet hose directly to the water inlet tap. The range of water pressure that the unit is designed to operate on is from a minimum

of 0.03 MPa to a maximum of 1 MPa. If the water pressure is above 1 MPa, a pressure-reducing valve should be fitted between the tap and the water inlet hose.

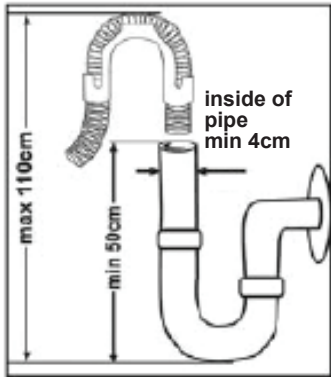
After the connections are made, the tap should be turned on fully and checked for water tightness. For the safety of your machine, make sure to always turn off the water inlet tap after each wash programme is finished.

## Installation instructions



**NOTE:** Some models are fitted with an Aquastop valve. For safety reasons do NOT cut, twist, or fold a hose fitted with an Aquastop valve

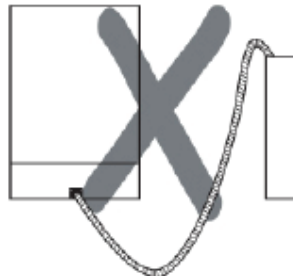
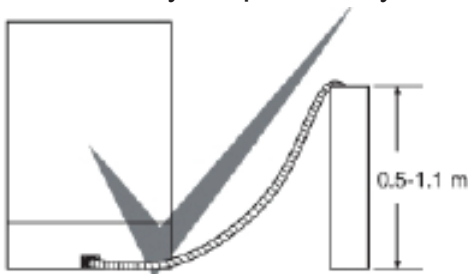
### Water outlet hose



The water drain hose can be connected either directly to a waste water drain or to a sink drain spigot. Using a special bent pipe (if available), the water can be drained directly into the sink by 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 above the base of the unit.



**Warning:** If a drain hose longer than 4m is used, the dishes may remain dirty. In this case, Panasonic New Zealand Limited does not accept any responsibility.



# **Installation instructions**

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## **Electrical connection**

This machine should be connected to a suitable earthed mains socket. If there is no earthed mains socket available, have a competent electrician install an appropriate earthed mains socket for the appliance. Panasonic New Zealand Limited does not accept any responsibility for any loss or damage if the machine is used on a non-earthed system.

The power supply outlet should be rated at 10 A (minimum).

Your machine is set according to 220-240 V. 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 a Panasonic Authorised Service Centre or an authorised electrician only. Failure to do so may lead to accidents.

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.

## **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.
- Fill the rinse aid compartment.

# Preparing the machine for use

## Detergent usage

Use a detergent specifically designed for use in domestic dishwashers.

Powders, gels, and tablet detergents are available in the market that have been designed for use in household dishwashers.

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

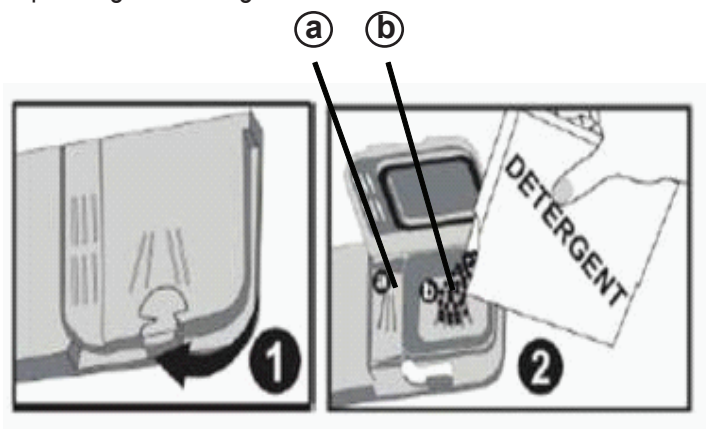
Do not fill with more detergent than required; otherwise it may cause scratches on glass items as well as lead to poorly dissolved detergent.

For further information on the detergent that you use, contact the detergent manufacturer directly.

## Filling the detergent compartment

Push the latch to open the detergent container as shown in. ① The detergent pod has level lines inside to measure the right detergent amount for the load. The detergent pod can take a total of 40 cm<sup>3</sup> of detergent

Pour powder and liquid detergent into the larger compartment ② up to 25 cm<sup>3</sup> if the dishes are heavily soiled or 15 cm<sup>3</sup> if they are less soiled. ② If the dishes have been kept dirty for a very long time, or if there is dried food waste on them, and/or you have overloaded the dishwasher, pour ③ 5 cm<sup>3</sup> detergent into the pre-wash compartment and start the machine. You may have to add more detergent to the machine, depending on the degree of soil and on the water hardness level in your area.



# **Preparing the machine for use**

## **Combined detergent**

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

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

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

Generally, combined detergents produce satisfactory results under certain usage conditions only.

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

- Always make sure to check the specifications of the detergent product to be used, 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.
  - Always put the tablets into the detergent compartment in the detergent dispenser. Never put them into the interior section or the cutlery basket of the dishwasher.
  - As this type of detergent may produce good results for certain types of usage only, contact the manufacturer to find out about the suitable useage conditions.
  - When the conditions of use of such products and the machine settings are appropriate, they ensure savings in rinse aid consumption.
  - Contact the detergent manufacturer if you are not obtaining good wash results (if your dishes remain chalky and wet) after having used 2 in 1 or 3 in 1 detergents. The scope of the warranty for your machine does not cover any complaints caused by the use of these types of detergents.
- The scope of warranty for your machine does not cover any complaints caused by the use of these types of detergents.



## Preparing the machine for use

**Recommended usage:** When using a combined detergent, add rinse agent to the machine, adjust the rinse agent settings to its lowest position and activate the tablet detergent button in order to obtain better results. It is not recommended to use combined detergents in fast programmes.



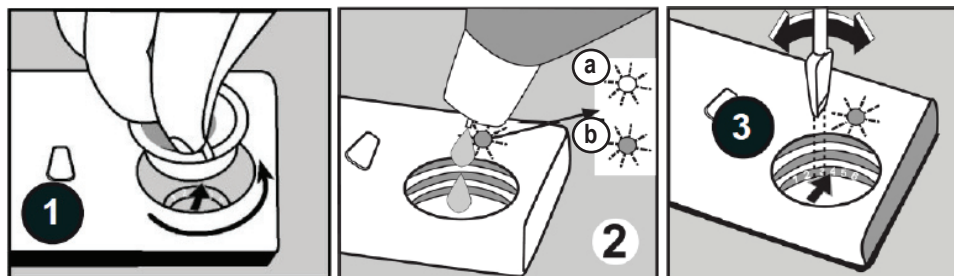
**Warning:** Should any problem, which you have not encountered before, arise with the use of this type of detergent, contact the detergent manufacturer directly.

### When stopping using combined detergents

- Fill the rinse aid compartment.
- Make the suitable rinse aid setting.

### Rinse aid filling and adjustment

Rinse aid is used to prevent white water drops, lime stains, white film strip-shaped stains that may form from remaining on the dishes, as well as to increase the drying performance. Contrary to popular belief, it is used not only for obtaining shinier dishes but also for obtaining sufficiently dry dishes. For this reason, care should be taken that there is adequate amount of rinse aid in the rinse aid compartment and only rinse aid produced for use with dishwashers should be used.



## Preparing the machine for use

If the rinse aid lamp on the control panel lights, fill the rinse aid compartment with rinse aid. 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 so that the arrows line up. By checking the rinse aid level indicator on the detergent dispenser, you can determine whether or not the machine needs rinse aid. A dark indicator ⑥ means that there is rinse aid in the compartment, while a light indicator ① indicates that the rinse aid compartment requires filling 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. If water stains form on your dishes after a wash, increase the value of the setting, whereas if a blue stain is left when wiped by hand, decrease the setting. ③



**Warning:** Use only those rinse aid materials which are allowed for use in the machine. As any rinse aid residues left as a result of overflow when filling the compartment will create extremely high amounts of foam and reduce the washing performance, wipe up any excess rinse aid with a cloth.

## Loading your dishwasher

Proper loading and placement of dishes in the machine, will help to improve energy consumption, washing and drying performance. There are two separate baskets to load dishes into the machine. The lower basket can be loaded with 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 as they cannot remain steady and may be damaged.

Locate the thin narrow items in the middle sections of baskets. You can place spoons among the other cutlery sets in order to prevent them from sticking to one another. We recommend use of the cutlery grid in order to obtain the best result. To avoid any possible injuries, always place long-handled or sharp-pointed items such as serving forks, bread knife etc. with their sharp points facing down or horizontally on the baskets.



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

# Loading your dishwasher

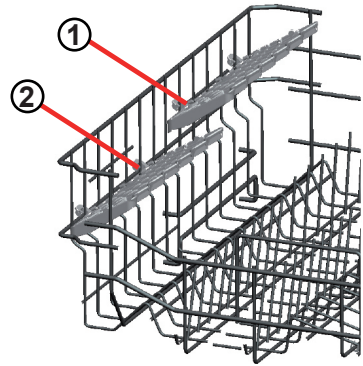
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## Upper basket **Height adjustable racks**

These racks are designed to increase the capacity of the upper basket. You can place your glasses and cups on the racks. You can adjust the height of these racks.

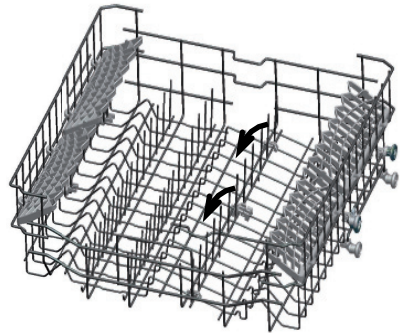
Thanks to this feature, you can place different sizes of glasses under these racks.

Thanks to height adjustment bars 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 spray arms.



## **Foldable racks**

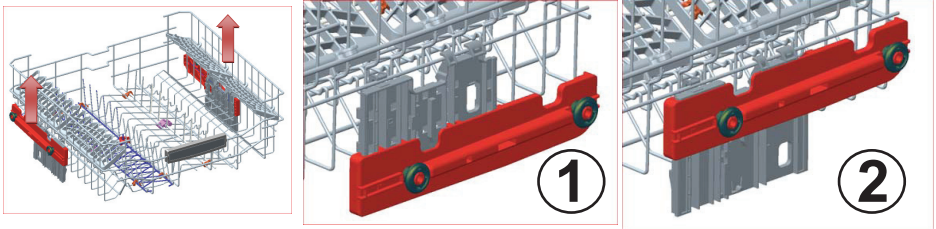
Foldable racks on the upper basket are designed in order to let you place big items easier such as pots, pans, etc. If required, each part can be folded separately, or all of them can be folded and larger spaces can be obtained. To adjust the foldable racks, either raise them upwards, or fold them down.



# Loading your dishwasher

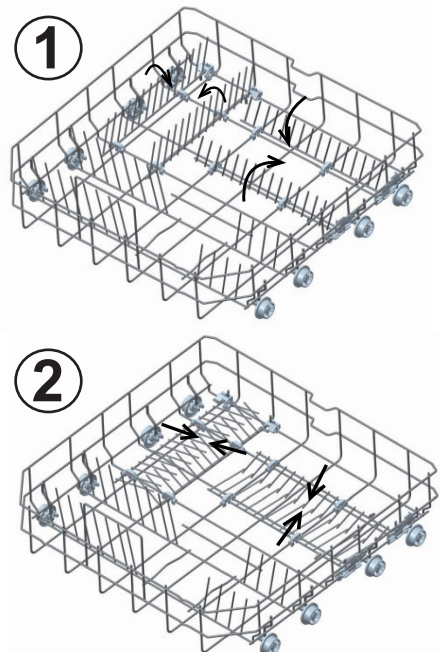
## Upper basket height adjustment while it is full

Basket height adjustment mechanism on the upper basket of the machine allows you to adjust the height of the upper basket upwards or downwards, without removing it from your machine when it is full, and create larger spaces in the top or bottom area of the machine as needed. The basket of the machine is set to upper position when it leaves the factory. To lower your basket, hold it on both sides, first pull it upwards, then lower it. To raise your basket, hold it on both sides, and raise it. Make sure that both sides are in the same position (up or down) after adjusting.



## Lower basket Folding racks

In the lower basket of the machine, there are four folding racks that are designed to allow you to make it easier to place big items such as pots, pans, etc. If required, each part can be folded separately, or all of them can be folded and larger spaces can be obtained. To adjust them, raise them upwards, or fold down.



# Loading your dishwasher

## Multi-functional rack system

Multi-functional rack system is located in the bottom basket of your machine.

You can easily wash spare glasses or dishes like long ladles, or bread knives with the help of this accessory.

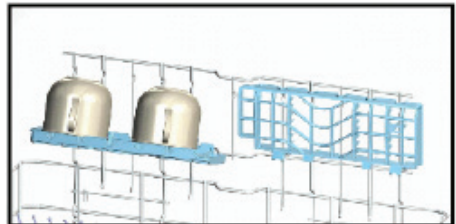
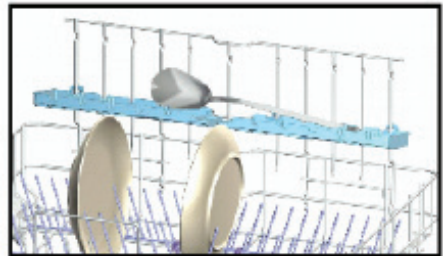
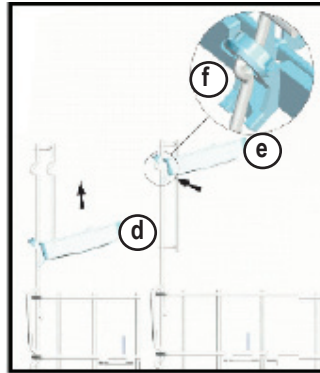
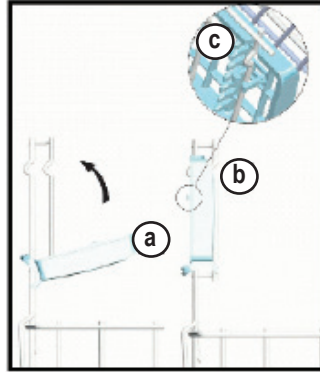
To close the racks of the multi-functional rack system, move them from position (a) to position (b).

Ensure that the claws on the rack are clipped around the basket. (c)

To open the rack, follow the above instructions in reverse. Your racks in the multi-purpose rack system have two positions: low position (d) and upper position (e).

This way you can attain larger space at the bottom part of your machine. Please put your racks into (e) position from (d) position to (f), in order to put your racks to the upper position.

Please fix the racks to their places (f) on the cord. Please make sure that the spray arm does not contact the dishes you put on the racks.



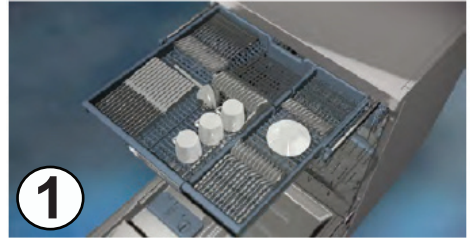
# Loading your dishwasher

## Upper cutlery basket

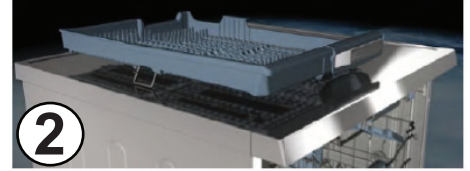
The upper cutlery basket is designed for forks, spoons and knives, long dippers and small items. ①

As the cutlery basket can be easily removed, it allows dishes to be taken out of the machine in the basket after washing. ②

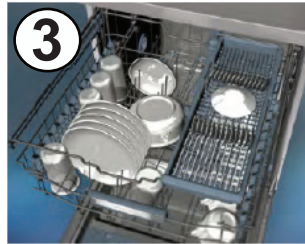
The Upper Cutlery Basket is composed of two pieces; if you need to make space for the dishes in the upper basket, you can take out the left or right part of the upper cutlery basket. ③ ④



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3



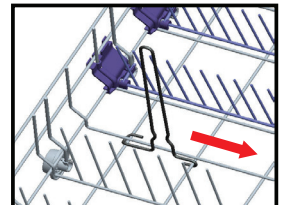
4



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

## Bottle Rack

Bottle rack is designed to let you wash items with large openings and higher items easier. You can pull out bottle rack in the direction of the arrow as shown on the picture when you do not use it.



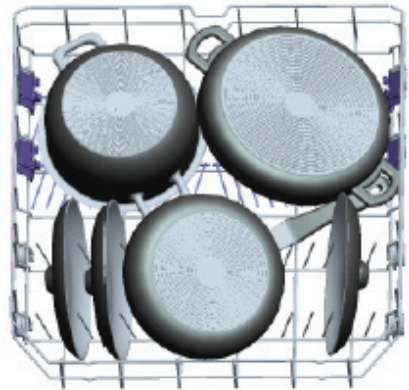
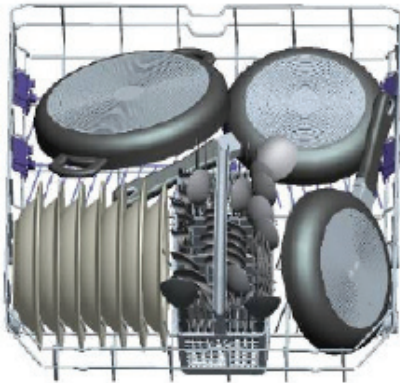
# Loading your dishwasher

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## Alternative basket loads

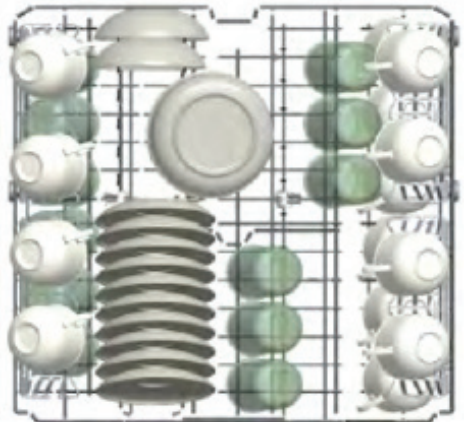
### Lower basket

- Pots and pans should be put on lower basket.
- Plates should be put on lower basket.



### Upper basket

- Cups, glasses and bowls should be put on upper basket.

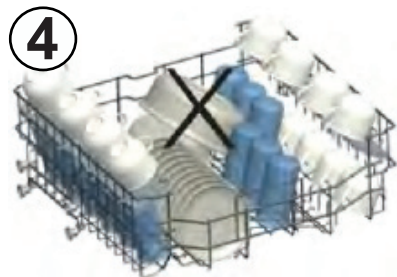
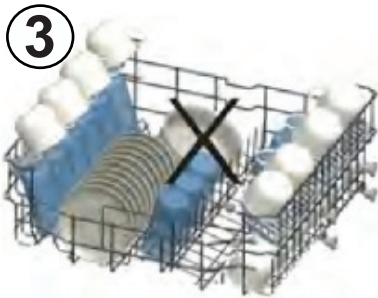
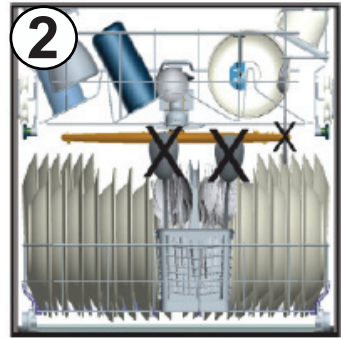
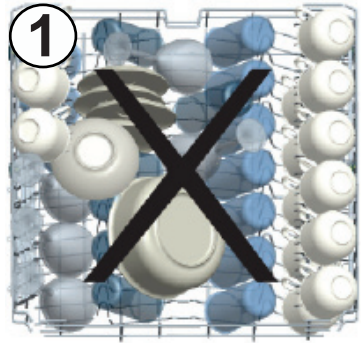




# Loading your dishwasher




## Poor loading

- Don't put the bowls over the glasses. They will not be washed properly. ①
- Don't put the long items like spoons on the cutlery basket. They may hit the spray arm. ②
- Don't put the bowls right side up. They will not be washed properly. ③
- Don't put bowls over the other bowls. They will not be washed properly. ④



# Programme descriptions





## Programme items

Programme No	Soak 	Quick 30' 	Eco <b>ECO</b> (reference)	Dual Wash 
Programme names and temperatures	(P1)	40°C (P2)	50°C (P3)	60°C (P4)
Type of food waste	Pre-wash to rinse and loosen residue awaiting full load then select a programme	Coffee, milk, tea, cold meats, vegetables, not kept for long	Coffee, milk, tea, cold meats, vegetables, not kept for long	Soups, sauces, pasta, eggs, pilaf, potato and oven dishes, fried foods
Level of soil		light	medium	medium
Detergent amount B: 25 cm <sup>3</sup> / 15 cm <sup>3</sup> A: 5 cm <sup>3</sup>		A+B	A+B	A+B
	35°C Wash	40°C Wash	Prewash	40°C Wash
	Hot rinse	Cold Rinse	50°C Wash	65°C Wash
	End	Hot rinse	Cold Rinse	45°C Wash
		End	Hot rinse	Hot rinse
			Dry	Dry
			End	End
Programme duration (min.)	18	30	138	112
Electricity consumption (kW hours)	0,57	0,88	0,65	1,43
Water consumption (liters)	7,7	10,9	12,2	15,4

**Warning:** In Soak, Quick 30' and Express 50' programmes, there is no drying step. Values above have been tested according to related standards in lab condition. These values may vary due to environment conditions (mains voltage, water pressure, water inlet temperature and ambient temperature).

# Programme descriptions

## Programme items

Programme No	Express 50' <b>65°C</b> 	Hygiene <b>60°C</b> 	Auto <b>30-50°C</b> Delicate <b>AUTO</b> 	Auto <b>50-70°C</b> Intensive <b>AUTO</b> 
Programme names and temperatures	65°C (P5)	60°C (P6)	30-50°C(P7)	50-70°C(P8)
Type of food waste	Soups, sauces, pasta, eggs, pilaf, potato and oven dishes, fried foods	Dishes with dense dirt waiting for a long time or requiring hygienic washing	Automatically adjust the washing time with temperature and amount of water by determining the soil level of dishes	
Level of soil	medium	heavy	light	heavy
Detergent amount B: 25 cm <sup>3</sup> / 15 cm <sup>3</sup> A: 5 cm <sup>3</sup>	A+B	A+B	A+B	A+B
	65°C Wash	60°C Wash	Automatically adjust the washing time with temperature and amount of water by determining the soil level of dishes	
	Warmish Rinse	65°C Wash		
	Hot rinse	Cold Rinse		
	End	50°C Wash		
		Hot rinse		
		Dry		
		End		
Programme duration (min.)	50	154	77-91	124-179
Electricity consumption (kW hours)	1,29	1,75	0,81-0,96	1,22-1,8
Water consumption (liters)	10,7	18,5	10,6-17,7	12,3-24,6

# Explanation of programmes

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## **Soak**

With this pre-wash programme, you can rinse dishware that you plan to wash later. This programme is one of the fastest programmes in the world. It rinses your dishes with 4 place settings capacity in 18 minutes.

## **Quick 30'**

Perfect for lightly soiled dishes and glasses, the Quick 30' programme washes a full load in 30 minutes at 40 °C, thus saving time and energy

## **ECO 50°C**

Ideal washing cycle for normal soiled dishes to save energy.

## **Express 50'**

Thanks to our Express 50' 65°C programme, at full capacity, normal soiled dishes as well as dishes left for a considerable time dirty, are washed in only a very short period of time such as 50 minutes with a wash performance.

## **Dual Wash 60°C**

By means of our new variable motor, we provide variable wash pressures or flow rates called Dual wash. Adjusting spray pressures regarding the requirements of the washing step allows for water conservation. In the top basket, glasses are washed with low jet pressures to prevent scratches, while pots and pans are cleaned with high jet pressures to remove harder soils in the lower basket.

## **Hygiene 60°C**

Special Hygiene programme which is developed for Panasonic Dishwashers ensures a maximum hygiene with high temperature washing. Panasonic Dishwasher's special hygiene programme that eliminates 99.9999% of all bacteria is tested and approved by International German Test Institute of VDE.

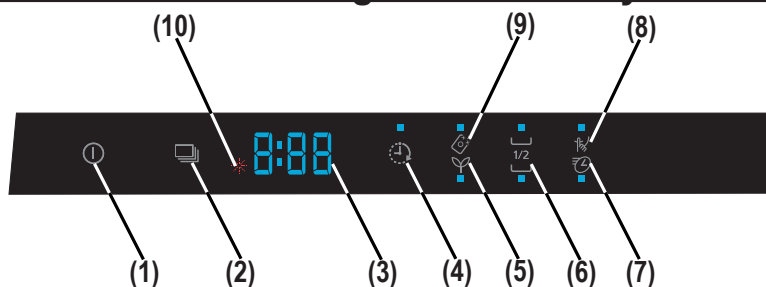
## **Auto Delicate 30-50°C**

With the Auto delicate 30°C -50°C programme; the washing temperature in main wash can change between 30°C to 50°C according to the soil level during washing of sensitive washing materials/utensils.

## **Auto Intensive 50-70°C**

With the Auto intensive 60°C -70°C programme; the washing temperature in main wash can change between 60°C to 70°C according to the soil level during washing of intensive soiled/ long time dried soils of the utensils like pots and pans.

# Getting familiar with your machine



## 1.) Power On/Off Touch Button

After the Power On/Off touch is pressed, two dashes appear in the programme display, until touching any button. Touch the "On/Off touch button" with your fingertip for 1 second to turn the machine on or off.

## 2.) Programme Touch Button

Use the Programme touch button to select a suitable programme for your dishes.

## 3.) Programme Display

Programme display indicates the times of the programmes and the remaining time during the programme flow. You can also follow-up the selected programmes by this display.

## 4.) Delayed Start Touch Button

You can delay the start time of a selected programme from 1 to 19 hours by pressing the Delayed start touch button of the machine. When the Delayed start touch button is pressed, "1h" appears on the programme display. If you continue pressing the delay timer touch button, the time will increment from 1 to 19 shown on the display. The delayed start can be activated by selecting the delay time and the desired washing programme with the Programme touch button. It is also possible to select the programme first and the delayed start afterwards, depending on the last value entered.

To cancel Delayed start, either select the delay timer as "0h", or hold the programme touch button for 3 seconds. The display will inform you how many seconds you need to hold the button by "3-2-1.." to cancel the delay

**Note:** If the delay touch button is pressed and held, the delay timer starts changing faster (the rate of change is proportional to the hold pressing time). When the Delayed start touch button is pressed for a long period of time, the counter stops at "h:00".

# Getting familiar with your machine

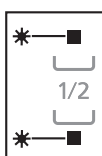
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## 5.) Energy Save Touch Button

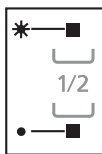
The energy save option activates the door opening system at the end of the programme. The auto door opening system provides the required drying performance at low rinsing temperatures and reduces energy consumption.

## 6.) ½ Half Load Touch Button

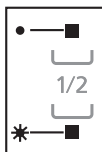
Using the function ½, three sorts of washing up can be done those being lower basket, upper basket and both baskets.



If you have a small quantity of dishes in the machine and if you have to wash them, you can activate the semi-filling function available for some of the programmes. If you have dishes in both baskets, press the ½ key and select both lamps are lit.



If you only have dishes in the upper basket, press the ½ key and select the upper lamp illuminated. As this will only wash items in the upper basket, make sure that there are no items in the lower basket.



If you only have dishes in the lower basket, press the ½ key and select the lower lamp illuminated. As this will only wash items in the lower basket, make sure that there are no items in the upper basket.

**Note :** If you have used an extra feature on the latest washing programme, this feature will remain active on the next washing programme until the machine is switched off and on again. If you do not want to use this feature on the newly selected washing programme, press the selected feature button again, and check that the lamp on the button goes off.

## 7.) Extra Fast Touch Button

This washes the dishes with more pressure, thus shortening the time of the selected programme and provides more economical water usage.

**Note:** This option can only be selected at the beginning of the programme.

## 8.) Extra Silent Touch Button

Washes the dishes with less pressure, thus provides more sensitive and silent washing.

## Getting familiar with your machine

**Note:** This option can be selected only at the beginning of the programme.

**Note:** "When a programme that is incompatible with the Extra silent & fast option is selected, a buzzer sound is heard when the button is pressed, which indicates that the selected option is not available.

### **9.) Tablet Detergent Touch Button ( 3 in 1 button )**

Press Tablet detergent touch button when you use combined detergents that include salt and rinse aid.

### **10.) Rinse aid Warning Indicator**

To determine if there is sufficient rinse aid in the machine check the rinse aid warning light on the display. When the rinse aid warning light starts coming on, add rinse aid to the rinse aid compartment.

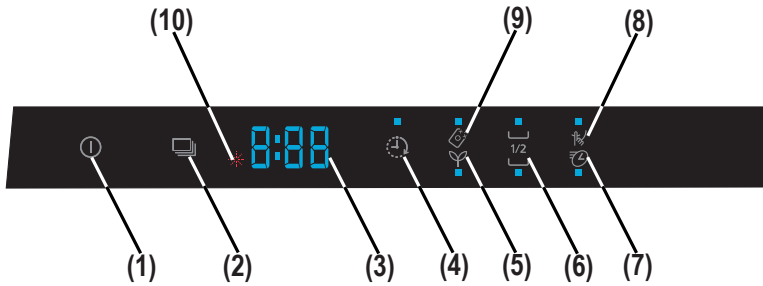
### **End of Programme**

The machine makes a buzzer sound 5 times when the programme is completed. When the door is opened after the selected washing programme is completed, the buzzer activation will end and a '0' character is showed on display.

**Note:** Each time the machine is switched on, the Eco programme is set as default and previously chosen options are cancelled.

# Operating your machine

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## Switching on the machine

**1-** Touch the power On/Off key.

When the machine is powered on, when the On/Off touch button **(1)** is pressed, two dashes appear in the programme display.

**2-** When selecting a programme with the programme touch button **(2)**, the programme selected ( P1,P2,etc ) appears on the programme display **(3)**, from (P1 to P8) and the duration of the programme are displayed alternately for 3 seconds. for the programme and then 1 second for the duration time.

**3-** "If desired, you can choose additional functions. **(4-9)**

**4-** Close the door. The programme starts automatically.

**Note:** If you decide not to start the machine after selecting the programme, press the on/off touch button **(1)**. The machine will be ready for the new programme selection when you press on/off touch button **(1)** again. Select the new programme by pressing the programme touch button **(2)**.

## Programme follow-up

- When the door is opened after the selected washing programme is completed, the buzzer activation will end and a '0' character is shown on display **(3)**.

- If the door is opened during washing cycle, the remaining time of the selected programme is shown on the display **(3)**.

- The machine makes a buzzer sound 5 times when the programme is completed.



# Operating your machine

## **Changing a programme**

To change the programme while a wash programme is going.

**1-** Open the door and select a new programme by pressing the Programme touch button **(2)**.

**2-** After closing the door, the newly selected programme continues from the point where the original programme reached, but with the new parameters (temperature, cycles) of the new programme.

**Note:** When opening the door of the machine in order to stop the washing programme before it has completed, first carefully open the door slightly in order to avoid water spillage

## **Cancelling and resetting a programme**

To cancel a programme currently in progress or in a standby position

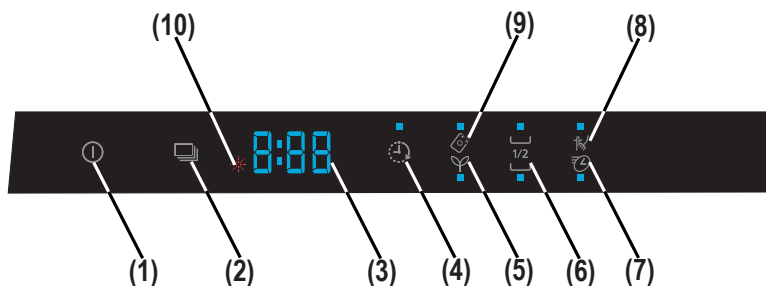
**1-** Open the door of the machine. The last selected programme will appear on the display **(3)**.

**2-** Press and hold the programme touch button **(2)** for 3 seconds. The display **(3)** will count from "3 to 1" and then show "0:01" to indicate that cancelling is ready

**3-** After the door is closed, the discharge process starts. The machine will empty the water in it for about 30 seconds. When the programme is cancelled, the machine will make a buzzer sound 5 times.

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

# Operating your machine



## Switching the machine off

After programme has finished, switch the machine off by using the Power On/Off touch button **(1)**.

**Note:** To improve the drying performance, after the buzzer sound indicating the end of the wash programme stops, leave the door of the machine ajar in order to hasten the drying or select an energy save option before starting a programme to speed up the drying performance.

**Note:** If the machine door is opened during washing or the power is cut off, the machine will restart the programme when the door is closed or the power is restored.

## Programme & option compatibility

Option Programmes	Delay Button	Half Load (3 modes)	Tablet	Extra Fast	Extra Silent
Soak	X	X	X	-	-
Quick 30'	X	X	X	-	-
Eco	X	X	X	X	X
Dual Wash	X	X	X	X	X
Express 50'	X	X	X	-	-
Hygiene	X	X	X	-	-
Auto Delicate	X	X	X	-	-
Auto Intensive	X	X	X	-	-

“-“ Function cannot be selected “x” function can be selected.

Extra fast and Extra silent can't be selected at the same time.

# Operating your machine

## **Turning on the Inner Light Option**

**1-** Open the dishwasher door and press the Power On/Off touch button **(1)** to turn on the machine.

**2-** Press and hold both the "Tablet/Energy Save" and "Delayed start" **(4)** touch buttons simultaneously for 5 seconds

**3-** "IL0" will be shown on the display **(3)** for 2 seconds to indicate that the "Normal Mode" has been selected for the inner light option.

**4-** Once "Normal Mode" is selected, the inner light will be ON when the machine is powered on and the door is open.

## **Turning off the Inner Light Option**

**1-** Open the dishwasher door and press the Power On/Off touch button **(1)** to turn on the machine.

**2-** Press and hold both the "Tablet/Energy Save" and "Delayed start" **(4)** touch buttons simultaneously for 5 seconds.

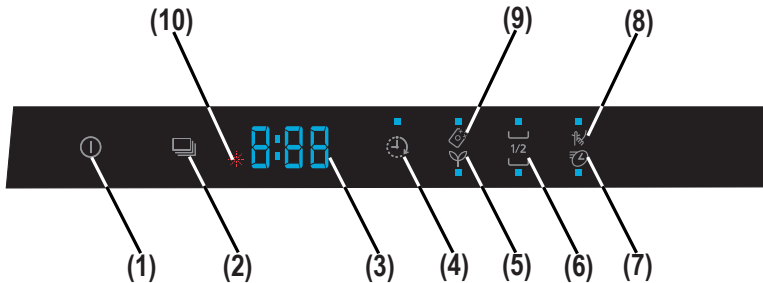
**3-** "IL1" will be shown on the display **(3)** for 2 seconds to indicate that the "Eco Mode" has been selected for the inner light option. Also the inner light turns OFF and ON again (blinks momentarily) to indicate that this selection is activated.

**4-** Once "Eco Mode" has been selected, the inner light will be ON for 4min and then turns OFF. If any user intervention occurs such as pressing touch buttons, Eco Mode cycle starts from beginning (inner light is ON for 4min and then turns OFF again)

**Note:** From the Factory the setting for the inner light is set to "IL1".

# Operating your machine

## Buzzer sound setup



Setting up the buzzer.

1- Press the Power On/Off touch button (1) (if it is in OFF position).

2- Press and hold the "Tablet/Energy Save" (5) and "Extra Fast/Silent" (7,8) touch buttons for 3 seconds at the same time to set the volume level.

3- While pressing the "Tablet/Energy Save" (5) and "Extra Fast/Silent" (7,8) touch buttons, the display shows a count down from 3 to 1.

- The first time the volume is adjusted, at the end of 3 seconds, "S03" is shown on the display.
- If the volume has been adjusted before, at the end of 5 seconds the previously selected level is shown on the display (from "S00" to "S03").

The volume level is increased or decreased using the "Tablet" and "Extra Fast/Silent" (7,8) touch buttons, as follows;

- To increase the buzzer volume

- 1) Press the "Extra Fast/silent" touch button (5).
- 2) The display (3) changes from "S00" to "S03"

- To decrease the buzzer volume

- 1) Press the "Tablet/Energy Save" touch button (5).
- 2) The display (3) changes from "S03" to "S00". "S00" means that all buzzers are off

4- To exit volume adjustment mode, switch off the machine.

The last volume level selected will be stored in memory.

**Note:** From level sound "3" to "1", loudness level is reduced in stages.

# **Maintenance and cleaning**

**Regular cleaning of the machine prolongs the machine's service life.**

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

- Fill the detergent compartment and, without loading any dishes into the machine, select a programme that runs at high temperature, and start the machine. In case this does not sufficiently clean the machine, use commercially available dishwasher cleaning products. (The cleaning products, made by the detergent manufacturers, should be suitable for use in dishwashers.)

**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 month. Unplug or switch off your machine and turn off its tap before cleaning. Do not use abrasive materials when cleaning your machine. Wipe with a soft damp cloth.

# Maintenance and cleaning

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## Filters

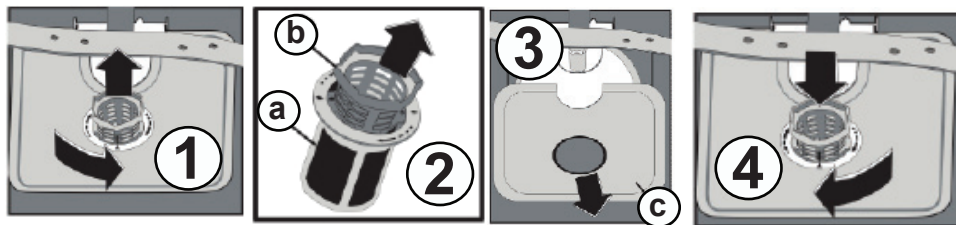
Check if any food wastes remain on the coarse and fine filters. If so, remove the filters and clean them thoroughly under a tap.

- 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 thoroughly under a tap. Refit the metal/plastic filter. Insert the coarse filter into the micro filter so that the marks line up with each other. Insert the micro filter into the metal/plastic filter and turn in the direction of arrow to lock it in place, (until the arrow on the micro filter lines up) ④.

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

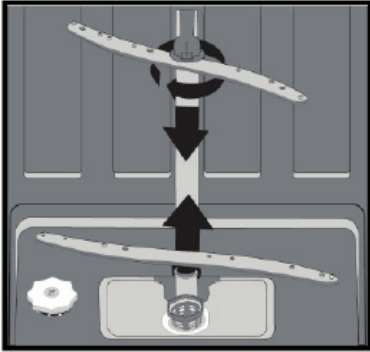


## Spray arms

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 correctly tightened when refitting the upper spray arm.



## Hose filter

The inlet hose filter helps to avoid any damage to your machine due to any contamination (sand, clay, rust etc.) that might be occasionally carried in through the mains water supply or the indoor plumbing, and to reduce such problems 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 the 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.

# Troubleshooting

## Error codes & what to do

ERROR CODE	ERROR DESCRIPTION	CONTROL
F1	There is a water overflow	<ul style="list-style-type: none"><li>• Power off your machine and close the tap.</li><li>• Contact an Authorised Service Centre.</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 programme cancellation command.</li><li>• If the error continues, contact an Authorised Service Centre.</li></ul>
F3	Error of continuous water input	<ul style="list-style-type: none"><li>• Close the tap.</li><li>• Contact an Authorised Service Centre.</li></ul>
F5	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, remove the water input hose from the tap and clean the filter at the connection end of the hose.</li><li>• Restart the machine. If the problem persists, contact an Authorised Service Centre.</li></ul>
F6	Faulty heater sensor	<ul style="list-style-type: none"><li>• Contact an Authorised Service Centre.</li></ul>
F7	Overheating error (temperature in the machine is too high)	<ul style="list-style-type: none"><li>• Contact an Authorised Service Centre.</li></ul>
F9	Divisor position error	<ul style="list-style-type: none"><li>• Contact an Authorised Service Centre.</li></ul>
F8	Heater error	<ul style="list-style-type: none"><li>• Contact an Authorised Service Centre.</li></ul>
FE	Faulty electronic card	<ul style="list-style-type: none"><li>• Contact an Authorised Service Centre.</li></ul>



## **If the programme won't start**

- Check if the plug is connected.
- Check your indoor fuses.
- Make sure that the water inlet tap is turned on.
- Make sure that you have closed the machine door.
- Make sure that you switched on the machine by pressing the Power On / Off button.
- Make 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 has not finished yet.

## **If the machine stops during a wash operation**

- Power failure.
- Water inlet failure.
- Programme can be on standby mode.

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

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

# Troubleshooting

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

- Due to dishes placed incorrectly in the machine, the sprayed water did not reach the corresponding places.
- Basket overloaded.
- 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.
- A detergent without phosphate used; try one that contains phosphate.

## **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.
- Poor mains earthing.

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

- Too heavy a weight of wooden part mounted on the door. (Follow the weight guidance given in the Assembly manual)
- The door spring is not adjusted properly. Adjust it according to the Assembly manual.

**Contact your Panasonic Service Centre if the problem still persists after the controls or in case of any malfunction not described above.**

## **Practical and useful information**

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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 in the machine.
5. Operate the machine after it is completely full.
6. Use pre-washing programme only when necessary.
7. Observe programme information and average consumption values table when selecting a programme.
8. Since the machine will reach high temperatures, we do not recommend installing it next to 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.

## **Practical and useful information**

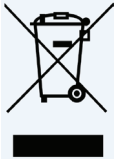
### **Recycling**

- 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.

# Practical and useful information

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## Disposing of Waste Electrical & Electronic Equipment



### Information on disposal for users of waste electrical & electronic equipment (private households)

This symbol on the products and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste.

For proper treatment, recovery and recycling, please take these products to designated collection points, where they will be accepted on a free of charge basis.

Alternatively, in some countries you may be able to return your products to your local retailer upon the purchase of an equivalent new product.

Disposing of this product correctly will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated disposable point.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.



