

# Dishwasher

## USER MANUAL

**PHILCO**



*Famous for Quality the World Over*


**PD 108 DTBIS**

**Dear customer,  
Thank you for buying a PHILCO brand product. So that your appliance serves you well, please read all the instructions in this user's manual.**

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## PART 1: SAFETY PRECAUTIONS

 **WARNING!** Please adhere to the precautions below when using the dishwasher:

This appliance can be used by children aged from 8 years and above and by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instructions concerning use of the appliance in a safe way and if they understand the hazards involved.


Children must not play with the appliance.

Cleaning and user maintenance cannot be performed by children without supervision.

If the supply cable gets damaged, have it replaced by a specialized service center in order to avoid dangerous situations. It is prohibited to use an appliance with the supply cable damaged.

Do not leave the door in the open position to prevent the risk of tripping.

When storing dishes into the dishwasher:

-  **WARNING:** Knives and other utensils with sharp points and edges must be placed in the basket with points facing downwards or stored horizontally.
- Sharp items should be placed so that they cannot damage the door gasket.

- Knives and other similar sharp items should always be placed with their handles pointing upwards so that the sharp edge would not hurt anybody.
- Do not use the dishwasher to wash plastic items that have not been labeled as dishwasher safe by the manufacturer. The presence of plastic dishes in the dishwasher causes worsening of drying process results. Please adhere to the manufacturer's recommendations regarding plastic items that have not been labeled as dishwasher safe.

This appliance is intended to be used in households and similar premises, such as

- kitchenettes in shops, offices and other workplaces;
  - agricultural facilities;
  - hotels, motels, and other accommodation facilities where appliances are used by guests;
  - bed and breakfast facilities.
- Do not sit or stand on the door and dish baskets of the dishwasher and to not use force during operation.
  - Do not place any heavy items on the appliance and do to stand on the door when it is open. The appliance might tip over towards the front.

Use only detergents and polishing agents intended to be used with automatic dishwashers. Never use soap, detergents or washing agents for manual dish washing.

Make sure to prevent children from accessing detergents and polishing agents and also open door of the dishwasher that might contain residues of the agents as they are strongly alkaline and might be very dangerous.

The appliance, the power cord or the electric outlet must not lie in, touch or be submerged in water or any other liquid to avoid electrical hazards.

If the power cord gets damaged, it must be replaced by the manufacturer, its service technician or another person with similar qualification so that safety is not jeopardized.

The appliance must not stand on the power cord.

The appliance should be connected to the water supply using a new hose, not using a hose that has already been used.

Dispose of packaging in a proper manner.

The power cord must not be excessively or dangerously bent or compressed during installation.

The controls are not to be played with.

Make sure that the openings in the bottom part of the appliance are not blocked by the carpet.

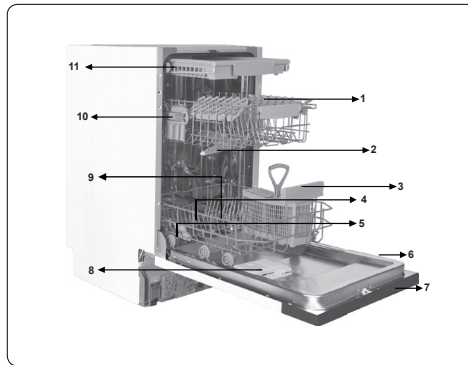
The dishwasher should be used only for the purpose it was intended for - for washing dishes.

This dishwasher is for interior use only.

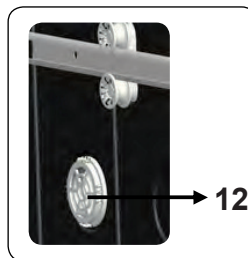
**PLEASE READ THOSE SAFETY PRECAUTIONS CAREFULLY AND STORE THEM FOR FUTURE REFERENCE**

## PART 2: TECHNICAL SPECIFICATIONS

### General appearance



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. Cutlery basket
10. Salt dispenser
11. Upper basket track latch
12. Turbo Drying Unit: This system enhances the drying performance of your dishes.



## PART 3: INSTALLATION

### Machine positioning

When positioning the machine, place it in an area where dishes can be easily loaded and unloaded. Do not put the machine in an area where the ambient temperature falls below 0°C.

Read all warnings located on the packaging before removing the packaging and positioning the machine. Place the machine close to a water tap and drain. Take into consideration that the connections will not be altered once the machine is in position.

Do not hold the machine by its door or panel.

Leave an adequate distance around the machine to allow ease of movement when cleaning.



Ensure the water inlet and outlet hoses are not squeezed or trapped and that the machine does not stand on the electrical cable while positioning. Adjust the feet so the machine is level and balanced. The machine should be placed on flat ground otherwise it will be unstable and the door of the machine will not close properly.

### Water connection

We recommend fitting a filter to your water inlet supply in order to prevent damage to your machine due to contamination (sand, rust, etc.) from indoor plumbing. This will also help prevent yellowing and deposit formation after washing.

Note printing on the water inlet hose!

If models are marked with 25°, the water temperature may be max. 25 °C (cold water).

For all other models:

Cold water preferred; hot water max. temperature 60 °C.

### Water inlet hose



#### **WARNING!**

Use the new water inlet hose supplied with your machine, do not use an old machine's hose.





**WARNING!**

Run water through the new hose before connecting.



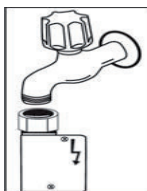
**WARNING!**

Connect the hose directly to the water inlet tap. The pressure supplied by the tap should be a minimum of 0.03 MPa and a maximum of 1 MPa. If the pressure exceeds 1 MPa, a pressure relief valve must be fitted between the connection.



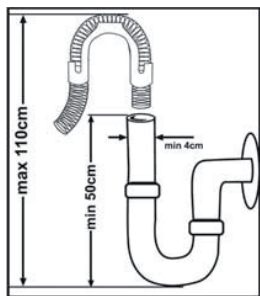
**WARNING!**

After the connections are made, turn the tap on fully and check for water leaks. Always turn off the water inlet tap after a wash program has finished.

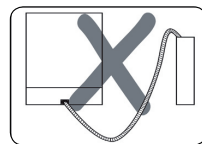


An Aquastop water spout is available with some models. Do not damage it or allow it to become kinked or twisted.

## Drain Hose



Connect the water drain hose directly to water drain hole or to the sink outlet spigot. This connection should be minimum 50 cm and maximum 110 cm from floor plane.



**IMPORTANT!**

Items will not wash properly if a drain hose longer than 4 m is used.

## Electrical connection



### **WARNING!**

Your machine is set to operate at 220-240 V. If the mains voltage supply to your machine is 110 V, connect a transformer of 110/220 V and 3000 W between the electrical connection.



Connect the product to a grounded outlet protected by a fuse complying with the values in the "Technical Specifications" table.



The earthed plug of the machine must be connected to an earthed outlet supplied by suitable voltage and current.



In the absence of earthing installation, an authorised electrician should carry out an earthing installation. In the case of use without earthing installed, we will not be responsible for any loss of use that may occur.



The plug on this appliance may incorporate 13A fuse depending on the target country.  
(For Example UK, Saudi Arabia)

## PART 4: BEFORE USING THE APPLIANCE

### Preparing your dishwasher for first use

- Make sure the electricity and supply water specifications match the values indicated in the installation instructions for the machine.
- Remove all packaging material inside the machine.
- Set the water softener level.
- Fill the rinse aid compartment.

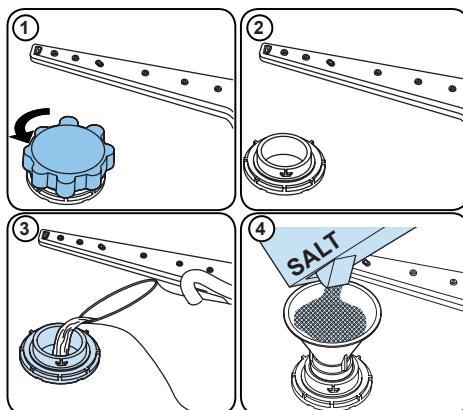
### Salt usage

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.

Machine can only be used by special dishwasher salt to soften the water. Do not use any small grained or powdered type of salts which can easily soluble. Using any other type of salt can damage your machine.

### Fill the salt

To add softener salt, open the salt compartment cap by turning it counter clockwise. (1) (2) At first use, fill the compartment with 1 kg salt and water (3) until it is almost overflowing. If available, using a funnel (4) will make filling easier. Replace the cap and close it. After every 20-30 Cycles add salt into your machine until it fills up (approx. 1 kg).


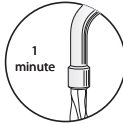





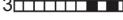





**The salt compartment should only be filled with water when the appliance is used for the first time.**

**Only salt intended for use in dishwashers should be used.**

**When salt overflows and gets out of the salt container, launch a short washing programme to protect the dishwasher from corrosion. Otherwise there is a risk of corrosion forming in the dishwasher.**

## Test strip

	Run water through the tap (1min.)	Keep the strip in the water (1sec)	Shake the strip.	Wait (1min.)	Set the hardness level of your machine.
					1  2  3  4  5  6 

### NOTE:

The level is set to 3 as default. If the water is well water or has a hardness level above 90 dF, we recommend that you use filter and refinement devices.

## Water Hardness Table

Level	German dH	French dF	British dE	Indicator
1	0-5	0-9	0-6	L1 is seen on the display.
2	6-11	10-20	7-14	L2 is seen on the display.
3	12-17	21-30	15-21	L3 is seen on the display.
4	18-22	31-40	22-28	L4 is seen on the display.
5	23-31	41-55	29-39	L5 is seen on the display.
6	32-50	56-90	40-63	L6 is seen on the display.

## Water Softener System

The dishwasher is equipped with a water softener which reduces the hardness in the mains water supply. To find out the hardness level of your tap water, contact your water company or use a test strip (if available).

## Setting

- Turn the machine on by pressing the On/Off button.
- Press the Program button for at least 3 seconds immediately after the machine is turned on.
- Release the Program button when "SL" is shown. Next, the last setting level is displayed.
- Press the program button to set the desired level. Each press of the program button increases the level. Once level 6 has been reached, the next press returns the level to 1.
- The last selected water hardness level is stored in the memory by turning the machine off with the On/Off button.

## Detergent usage

Only use detergents specifically designed for domestic dishwashers. Keep your detergents in cool, dry places out of reach of children.

Add the proper detergent for the selected program to ensure the best performance. The amount of detergent needed depends on the cycle, load size, and soil level of dishes.

Do not fill detergent into the detergent compartment more than required; otherwise you can see whitish streaks or bluish layers on glass and dishes and may cause glass corrosion. Continued use of too much detergent may cause machine damage. Using little detergent can result in poor cleaning and you can see whitish streaks in hard water.

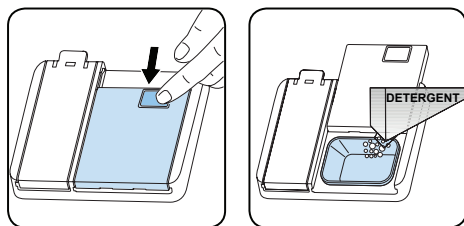
See the detergent manufacturer's instructions for a further information.

## Filling the detergent

Push the latch to open the dispenser and pour in the detergent.

Close the lid and press it until it locks in place.

The dispenser should be refilled just before the start of each programme. If the dishes are heavily soiled, place additional detergent in the pre-wash detergent chamber.



## Using combined detergents

These products should be used according to the manufacturer's instructions.

Never put combined detergents into the interior section or the cutlery basket.

Combined detergents contain not only the detergent but also rinse-aid, salt replacement substances and additional components depending on the combination.

We recommend you do not use combined detergents in short programmes.

Please use powder detergents in such programmes. If you encounter problems when using combined detergents, please contact the detergent manufacturer.

When you stop using combined detergents, make sure that water hardness and rinse aid settings are set to the correct level.

## Rinse-aid usage

The rinse aid helps to dry the dishes without streaks and stains. Rinse-aid is required for stain-free utensils and clear glasses. The rinse aid is automatically released during the hot rinse phase. If rinse aid dosage setting set too low, whitish stains remains on dishes and dishes do not dry and washed clean. If rinse aid dosage setting set too high, you can see bluish layers on glass and dishes.

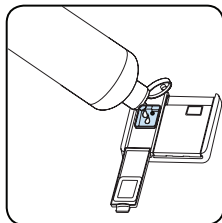
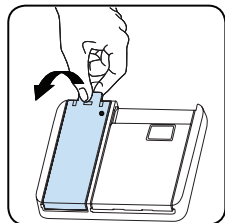
## Filling the rinse-aid and setting

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 overflow 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:**

- Turn on the machine by pressing the On/Off button.
- Press the Up button for at least 5 seconds immediately after the machine is turned on.
- Release the Up button when all leds blink twice. The last setting level is displayed.
- Press Up or Down button to increase or decrease the hardness level.
- Turn 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.

## PART 5: LOADING YOUR DISHWASHER

For best results, follow these loading guidelines. Loading the household dishwasher up to the capacity indicated by the manufacturer will contribute to energy and water savings.

Manual pre-rinsing of tableware items leads to increased water and energy consumption and is not recommended. You can place cups, glasses, stem ware, small plates, bowls, etc. in upper basket. Do not lean long glasses against one another or they cannot remain steady and may receive damage. When placing long stem glasses and goblets, lean them against the basket edge or rack and not against other items.

Place all containers such as cups, glasses and pots into the dishwasher with the opening facing downwards otherwise water can collect on items.

If there is cutlery basket in machine, you are recommended to use the cutlery grid in order to obtain the best result. Place all large (pots, pans, lids, plates, bowls etc.) and very dirty items in the lower rack.

Dishes and cutlery should not be placed above each other.



**WARNING!**

Take care not to obstruct the rotation of spray arms.



**WARNING!**

Make sure after loading the dishes do not prevent opening the detergent dispenser.

### Recommendations

Remove any coarse residue on dishes before placing the dishes in the machine. Start the machine with full load.



**NOTE:**

Do not overload the drawers or place dishes in the wrong basket.

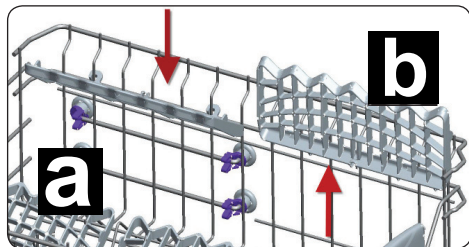


**WARNING!**

To avoid any possible injuries, place long-handle and sharp pointed knives with their sharp points facing down or horizontally on the baskets.

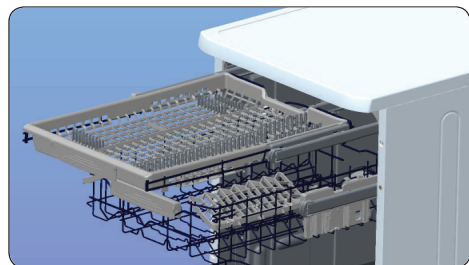
## Top basket Dish rack

Upper basket racks have two positions: open (a) and closed (b). You can place cups on the racks to be washed. You can also place long forks, knives and spoons on the racks laterally.

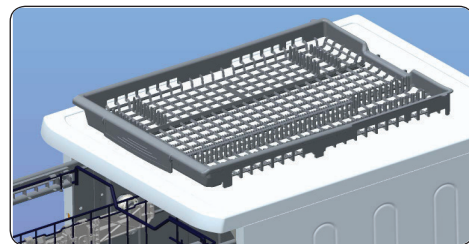


## Upper Cutlery Basket

The upper cutlery basket is designed for the placement of large and small cutlery and utensils.



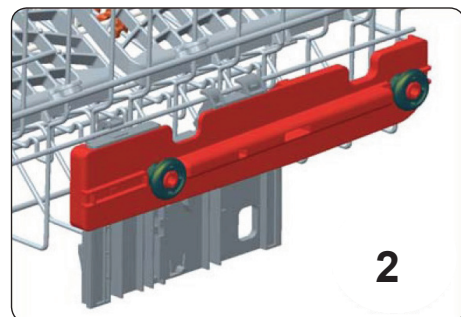
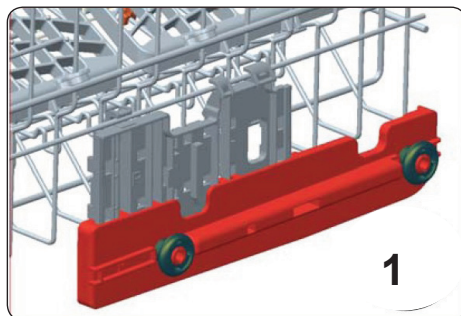
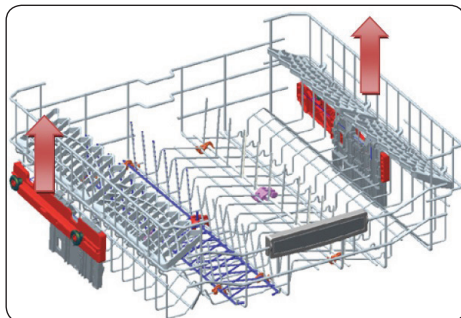
It is easily removed from the dishwasher, therefore allows ease of use when removing your items, along with the basket, after washing.



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

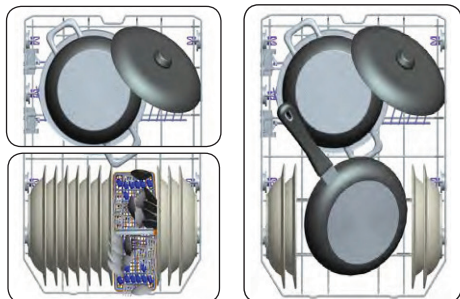
## 2b) Height adjustment

The upper basket includes a mechanism which enables the height of the basket to be adjusted up (1) or down (2) without having to remove the basket. Hold the basket on both sides and pull it up or push it down, ensuring both sides of the upper basket are in the same position.

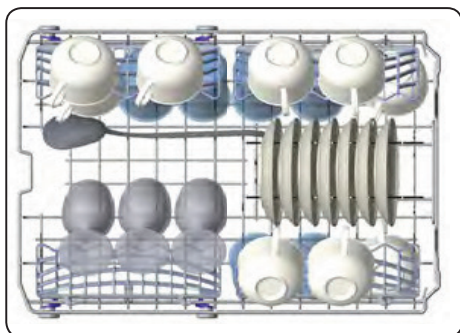




## Alternative Basket Loads Lower Basket



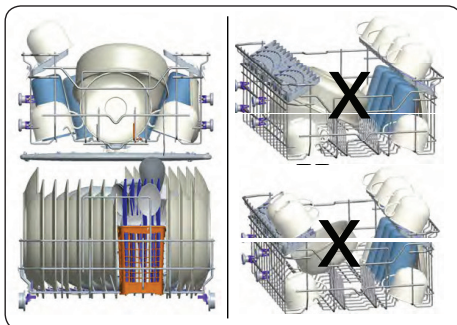
## Top basket



## Incorrect Loads

Incorrect loading can cause poor washing and drying performance. Please follow the manufacturer's recommendations for a good performance result.

## Incorrect loads



### Important Note for Test Laboratories

For detailed information required for tests according to EN normatives and a softcopy of the manual, please send the model name and serial number to the following address: [dishwasher@standardtest.info](mailto:dishwasher@standardtest.info)

## PART 6: PROGRAMME TABLE

	P1	P2	P3	P4	P5	P6	P7	P8
Program Name:	Mini 14'	Quick 30'	Eco	Dual Pro Wash 60°C	Super 50'	Smart 30°C - 50°C	Smart 50°C - 60°C	Smart 60°C - 70°C
Type of Soil:	Fastest program for lightly soiled and recently used dishes and suitable for 4 place settings.	Suitable for lightly soiled dishes and quick wash.	Standard program for normally soiled daily using dishes with reduced energy and water consumptions.	Suitable for both lightly soiled delicate glassware on upper rack and heavily soiled crockery on lower rack.	Suitable for normally soiled daily dishes with faster program.	Auto program for normally soiled delicate dishes.	Auto program for normally soiled dishes.	Auto program for heavily soiled dishes.
Level of Soil:	Light	Light	Medium	Heavy	Medium	Medium	Medium	Heavy
Amount of Detergent: A: 25 cm <sup>3</sup> B: 15 cm <sup>3</sup> *	B	A	A	A	A	A	A	A
Program Duration (h:min)	00:14	00:30	03:05	01:46	00:50	01:14 - 01:27	01:28 - 01:44	01:51 - 02:51
Electricity consumption (kWh/cycle)	0.340	0.650	0.674	1.600	1.000	0.650 - 0.850	1.050 - 1.325	1.250 - 1.900
Water consumption (l/cycle)	6.6	9.9	9.0	15.4	9.5	9.7 – 16.0	9.6 – 16.7	10.0 – 20.0

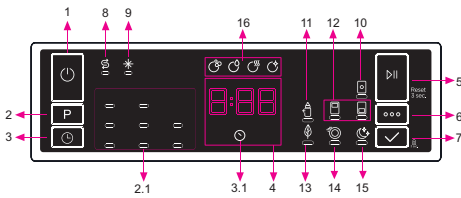
- The program duration may change according to the amount of dishes, the water temperature, the ambient temperature and selected additional functions.
- Values given for programmes other than the eco programme are indicative only.
- Eco programme is suitable to clean normally soiled tableware, that for this use, it is the most efficient programme in terms of its combined energy and water consumption, and that it is used to assess compliance with the EU ecodesign legislation.
- Washing tableware in a household dishwasher usually consumes less energy and water in the use phase than hand dishwashing when the household dishwasher is used according to the manufacturer's instructions.
- Only use powder detergent for short programs.
- Short programs do not include drying.
- To assist drying, we recommend slightly opening the door after a cycle is complete.
- You can access the product database where the model information is stored by reading the QR code on the energy label.



### NOTE:

According to regulations 1016/2010 and 1059/2010, Eco program energy consumption values may differ. This table is in line with regulations 2019/2022 and 2017/2022

## PART 7: THE CONTROL PANEL



1. On/Off Button
2. Program Selection Button
- 2.1. Program Indicators
3. Delay Button
- 3.1. Delay Indicator
4. Remaining Time Indicator
5. Start/Pause Button
6. Options Button
7. Select Button
8. Salt Indicator
9. Rinse Aid Indicator
10. Tablet Indicator
11. Extra Hygiene Indicator
12. Half Load Indicators
13. Energy Save Indicator
14. Extra Fast Indicator
15. Extra Silent Indicator
16. Washing Step Indicators
  - a- Washing Step Indicator
  - b- Rinse Step Indicator
  - c- Drying Step Indicator
  - d- End Step Indicator

### 1. On/Off Button

Turn the machine on by pressing the On/Off button.

### 2. Program Selection Button

Select a suitable programme by pressing the Programme button. The selected program indicator (2.1) will be on. For the details of the programs refer to section Program Table.

### 3. Delay Button

You can delay the start time of the programme for 1-2...24 hours by pressing the delay button (3) before the programme starts. The delay indicator (3.1) will be on. If you want to change the delay time, first press the Start/Pause button and then the delay button to select a new delay time. To activate the new delay time, press the Start/Pause button. To cancel the delay, you need to switch to 0 hour by using the delay when the machine is paused.

### 4. Remaining Time Indicator

Programme flow can be monitored via the Wash, Rinse, Dry, End indicators and Remaining Time Indicator.

### 5. Start/Pause Button

Press the Start/Pause button to start the programme. The wash lamp turns on and the Remaining Time Indicator shows the programme duration. It also indicates the remaining time during the programme flow.

If you open the door of your machine when the programme is running the duration of the programme pauses, and related washing step indicator blinks.

### 6. Options Button

Options can be selected by pressing the Options button repeatedly. The chosen option will be indicated by a blinking LED.

### 7. Select Button

Select the option by pressing the Select button. The LED for the chosen option will then remain lit.

### 8. Salt Indicator

When there is insufficient softening salt, the salt lack warning indicator turns on and you should fill up the salt chamber.

### 9. Rinse Aid Indicator

When the rinse aid level is low, the rinse aid lack warning indicator turns on and you should fill the rinse aid chamber.

### 10. Tablet Indicator

Select the Tablet Detergent function when using a combined detergent that contains salt, rinse aid or other extras. The Tablet Detergent Indicator will remain on for as long as it is selected.

### 11. Extra Hygiene Indicator

Select the Extra Hygiene function to increase the wash temperature, for a maximum hygiene washing operation. The Extra Hygiene Indicator will illuminate.

### 12. Half Load Indicator

Select the Half Load function to choose which area of the dishwasher contains dishes to be washed. You can select both baskets, the upper basket only, or the lower basket only. Press the button until the indicator corresponding to the basket containing the dishes to be washed illuminates. The Half Load Indicator will illuminate while this function is in operation. Dishes placed in other areas will not be washed.

### 13. Energy Save Indicator

Select the Energy Save option to enable the door of the machine to open at the end of the programme to increase drying efficiency. This function also saves energy by operating at a lower temperature.

### 14. Extra Fast Indicator

Select the Extra Fast function to decrease the duration of a programme, providing more economical water usage. The Extra Fast Indicator will illuminate.

### 15. Extra Silent Indicator

Select the Extra Silent function for a more sensitive and silent washing operation. The Extra Silent Indicator will illuminate. This option reduces the sound pressure level of the washing.

### 16. Washing Step Indicators

The display will show the indicator corresponding to the status of the programme in operation. While the Drying indicator is on, the machine will remain silent with respect to the programme you have selected for 15 to 100 minutes.

\* Wash

\* Rinse

\* Dry

\* End



**NOTE:** Child lock is activated/deactivated by pressing select button (7) for about 3 seconds. When it is activated, all leds blink and "CL" is shown on Remaning Time Indicator (4) once. When it is deactivated, all leds and "CL" blink twice.



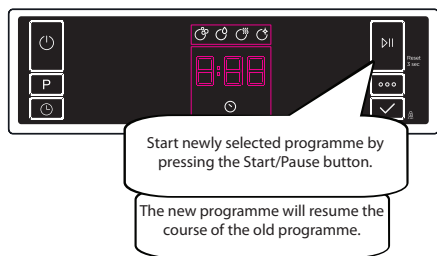
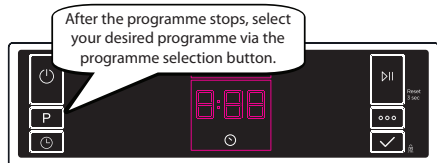
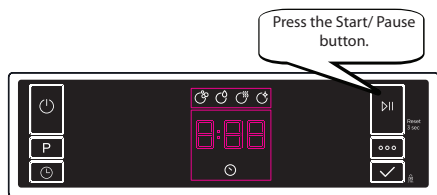
**NOTE:** If you switch the machine to off position after selecting the delay time and the programme has started, the delayed time is cancelled.



**NOTE:** To save any program as favourite program, press program selection (2) and delay (3) buttons at the same time. To select favourite program, press program selection button (2) for 3 seconds.

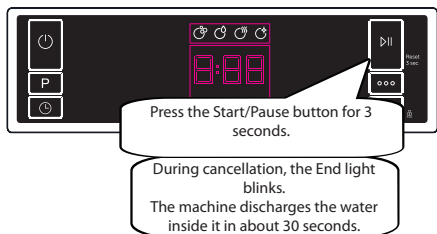
### 7.1. Changing a programme

If you would like to change the programme when the machine is already running.

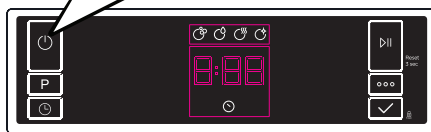


### 7.2. Cancelling a programme

If you would like to cancel a programme when it is running.



When the End light turns on, switch your machine off by pressing the On/Off button.





### 7.3. Switching the Machine Off


Switch your machine off with On/Off button after the programme has ended and the End light turns on.

Pull the plug out of the outlet. Turn off the water tap.



 **NOTE:** Do not open the door before the programme ends.

 **NOTE:** At the end of washing programme, you can leave the door of your machine ajar to hasten the drying.

 **NOTE:** If the door of machine is opened or power is cut off during washing the programme will continue when the door is closed or the power is restored.

### **Buzzer Sound Control (Model Depending)**

To change the buzzer sound level, follow the below steps:

1. Open the door and press Option (6) and Select (7) buttons at the same time for 3 seconds.
2. When sound setting is recognized, buzzer gives a long sound and machine will display last set level, from "S0" to "S3".
3. To decrease sound level press Select button (7). To increase sound level, press Options button (6).
4. To save the selected sound level, turn off the machine. "S0" level means all voices are off. Factory setting is "S3".

### **Save Power Mode**

To activate or deactivate save power mode, follow the below steps:

1. Open the door and press Program (2) and Option (6) buttons at the same time for 3 seconds.
2. After 3 seconds, the machine will display last Setting, "IL1" or "IL0".
3. When Save Power Mode is activated, "IL1" will be displayed. On this mode, interior lights (if available) will turn off 2 minutes after the door is opened, and the machine will turn off 15 minutes after any intervention in order to save energy.
4. When Save Power Mode is deactivated "IL0" will be displayed. If Save Power Mode is deactive, interior lights will be on as long as the door is open, and the machine will always be on unless it is turned off by user.
5. To save the selected setting, turn off the machine. In factory setting, Save Power Mode is active.

### **Natural Ion Tech (Model Depending)**

This function provides extra hygiene to the machine thanks to Ion Technology. It operates as an independent program. This function is activated by pressing Options button (6) for 3 seconds in ready state. At the end of 3 seconds, "Ion" will be displayed which indicates that Natural Ion Tech function is activated. The button is released after "Ion" is displayed. If there is no intervention by user, 24 hours after activation of Natural Ion Tech function, it is automatically cancelled.

**NOTE:** If machine is turned off, Natural Ion Tech function is cancelled.

**NOTE:** Natural Ion Tech function does not work with any program.

### **Crystalight (Model Depending)**

This technology which have Ion and Light Technology together, provides to extra hygiene. It prevents bad odor during a washing program that includes a drying step. Crystalight function is activated or deactivated before starting program by pressing Options button (6) for 6 seconds. At the end of 6 seconds, "U1" will be displayed which indicates Crystalight function is activated. When it is deactivated, at the end of 6 seconds, "U0" will be displayed. Crystalight setting follows Natural Ion Tech setting. Default set is "U0".

**NOTE:** If user do not deactivate Crystalight function at the end of program, it will remain active until the machine turns off.

**NOTE:** If Crystalight or Natural Ion Tech function is active, Natural Ion Tech warning led lights up like dimming during door is open.

## PART 8: CLEANING AND MAINTENANCE

Cleaning your dishwasher is important to maintain the machine's service life. Make sure that the water softening setting (if available) is done correctly and correct amount of detergent is used to prevent limescale accumulation. Refill the salt compartment when the salt sensor light comes on.

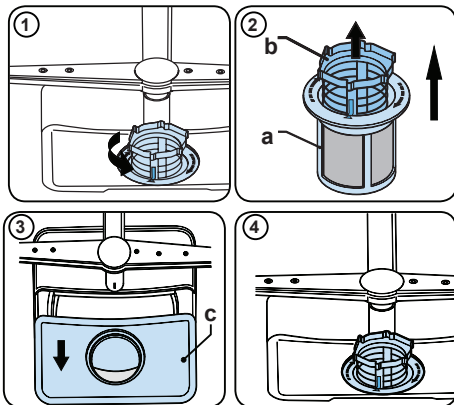
Oil and limescale may build up in your Dishwasher over time. If this occurs:

- Fill the detergent compartment but do not load any dishes. Select a programme which runs at high temperature and run the Dishwasher empty. If this does not clean your Dishwasher sufficiently, use a cleaning agent designed for use with dishwashers.
- To extend the life of your dishwasher, clean the appliance regularly on each month
- Wipe the door seals regularly with a damp cloth to remove any accumulated residue or foreign objects.

### Filters

Clean the filters and spray arms at least once a week. If any food waste remains or foreign objects on the coarse and fine filters, remove them and clean them thoroughly with water.

- a) Micro Filter      b) Coarse Filter  
c) Metal Filter

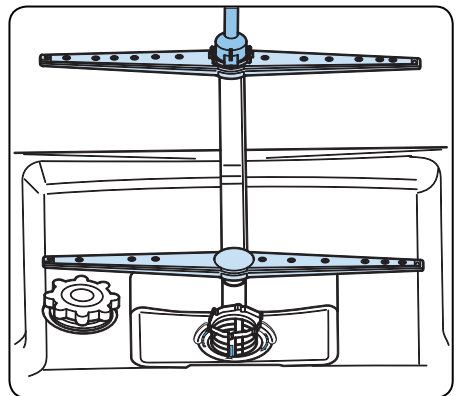


To remove and clean the filter combination, turn it counter clockwise and remove it by lifting it upwards (1). Pull the coarse filter out of the micro filter (2). Then pull and remove the metal filter (3). Rinse the filter with lots of water until it is free of residue. Reassemble the filters. Replace the filter insert, and rotate it clockwise (4).

- Never use your dishwasher without a filter.
- Incorrect fitting of the filter will reduce the washing effectiveness.
- Clean filters are necessary for proper running of the machine.

### Spray arms

Make sure that the spray holes are not clogged and that no food waste or foreign object is stuck to the spray arms. If there is any clogging, remove the spray arms and clean them under water. To remove the upper spray arm undo the nut holding it in position by turning it clockwise and pulling it downwards. Make sure that the nut is properly tightened when refitting the upper spray arm.



## Drain Pump

Large food residues or foreign objects which were not captured by the filters may block the waste water pump. The rinsing water will then be above the filter.

### **Warning Risk of cuts!**

When cleaning the waste water pump, ensure that you do not injure yourself on pieces of broken glass or pointed implements.

In this case:

1. First always disconnect the appliance from the power supply.
2. Take out baskets.
3. Remove the filters.
4. Scoop out water, use a sponge if required.
5. Check the area and remove any foreign objects.
6. Install filters.
7. Re-insert baskets.



## TROUBLESHOOTING

FAULT	POSSIBLE CAUSE	TROUBLESHOOTING
The programme does not start.	Your Dishwasher is not plugged in.	Plug your Dishwasher in.
	Your Dishwasher is not switched on.	Switch your Dishwasher on by pressing the On/Off button.
	Fuse blown.	Check your indoor fuses.
	Water inlet tap is closed.	Turn on the water inlet tap.
	Your Dishwasher door is open.	Close the Dishwasher door.
	Water inlet hose and machine filters are clogged.	Check the water inlet hose and machine filters and make sure they are not clogged.
Water remains inside the machine.	Water drain hose is clogged or twisted.	Check the drain hose, then either clean or untwist it.
	The filters are clogged.	Clean the filters.
	The programme is not finished yet.	Wait until the programme is finished.
Shaking and hitting noises are heard during a wash operation.	The spray arm is hitting the dishes in the lower basket.	Move or remove items blocking the spray arm.
Partial food wastes remain on the dishes.	Dishes placed incorrectly, sprayed water not reaching affected dishes.	Do not overload baskets.
	Dishes leaning each another.	Place dishes as instructed in the section on loading your dishwasher.
	Not enough detergent used.	Use the correct amount of detergent, as instructed in the programme table.
	Wrong wash programme selected.	Use the information in the programme table to select the most appropriate programme.
	Spray arms clogged with food waste.	Clean the holes in the spray arms with thin objects.
	Filters or water drain pump clogged or filter misplaced.	Check the drain hose and filters are correctly fitted.

<b>FAULT</b>	<b>POSSIBLE CAUSE</b>	<b>TROUBLESHOOTING</b>
Whitish stains remains on dishes.	Not enough detergent used.	Use the correct amount of detergent, as instructed in the programme table.
	Rinse aid dosage and/or water softener setting set too low.	Increase rinse aid and/or water softener level.
	High water hardness level.	Increase water softener level and add salt.
	Salt compartment cap not closed properly.	Check that the salt compartment cap is closed properly.
Dishes do not dry.	Drying option is not selected.	Select a programme with a drying option.
	Rinse aid dosage set too low.	Increase rinse aid dosage setting.
Increase rinse aid dosage setting.	Stainless-steel quality of the dishes is insufficient.	Use only dishwasher-proof sets.
	High level of salt in wash water.	Adjust the water hardness level using water hardness table.
	Salt compartment cap not closed properly.	Check that the salt compartment cap is closed properly.
	Too much salt spilled in the Dishwasher while filling it with salt.	Use funnel while filling salt to the compartment to avoid spillage.
	A poor mains grounding.	Consult a qualified electrician immediately.
Detergent remains in the detergent compartment.	Detergent was added when the detergent compartment was wet.	Make sure detergent compartment is dry before use.

## AUTOMATIC FAULT WARNINGS AND WHAT TO DO

TROUBLE CODE	POSSIBLE FAULT	WHAT TO DO
FF	Water inlet system failure	Make sure the water inlet tap is open and water is flowing.
		Separate the inlet hose from the tap and clean the filter of the hose.
		Contact for service if the error continues.
F5	Pressure system failure	Contact for service.
F3	Continuous water input	Close the tap and contact for service.
F2	Inability to discharge water	Water discharge hose and filters may be clogged.
		Cancel the program.
		If the error continues, contact for service.
F8	Heater error	Contact for service.
F1	Overflow	Unplug the machine and close the tap.
		Contact for service.
FE	Faulty electronic card	Contact for service.
F7	Overheating	Contact for service.
F9	Diverter position error	Contact for service.
F6	Faulty heater sensor	Contact for service.
HI	High voltage failure	Contact for service.
LO	Low voltage failure	Contact for service.

The installation and repairing procedures should always be carried out by the Authorised Service Agent in order to avoid possible risks. The manufacturer shall not be held liable for damages that may arise from procedures carried out by unauthorised persons. Repairs may be carried out by technicians only. If a component has to be replaced, ensure that only original spare parts are used.

Improper repairs or use of non-original spare parts may cause considerable damage and put the user at considerable risk.

Contact information for your customer service can be found on the back of this document.

Function-relevant genuine spare parts according to the corresponding Ecodesign order can be obtained from Customer Service for a period of at least 10 years from the date on which your appliance was placed on the market within the European Economic Area.

## PART 9: TECHNICAL SPECIFICATIONS

Capacity	10 place settings
Height	820 mm - 870 mm
Width	450 mm
Depth	550 mm
Net Weight	40 kg
Operating voltage / Frequency	220-240 V, 50 Hz
Total Power	1900 W
Water supply pressure	Maximum: 1 (Mpa) Minimum: 0.03 (Mpa)
Total 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](mailto: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.

## PART 10: PRODUCT INFORMATION SHEET

# Product Information Sheet

PHILCO 

COMMISSION DELEGATED REGULATION (EU) 2019/2016

**Supplier's name or trademark:** PHILCO

**Supplier's address:** Černokostelecká 2111, 10000 Prague, CZ

**Model identifier:** PD 108 DTBIS

**General product parameters:** Built-in dishwasher 45 cm wide

Parameter	Value	Parameter	Value	
Rated capacity (kg)	10	Dimensions in cm	Height	82
			Width	45
			Depth	57
EEI <sub>w</sub>	55.9	Energy efficiency class *	D	
Cleaning performance index	1.13	Drying performance index	1.07	
Energy consumption in kWh [per cycle], based on the eco programme using cold water fill. Actual energy consumption will depend on how the appliance is used.	0.674	Water consumption in litres [per cycle], based on the eco programme. Actual water consumption will depend on how the appliance is used and on the hardness of the water.	9	
Programme duration (h:min)	3:05	Type	Built-in	
Airborne acoustical noise emissions (dB(A) re 1 pW)	44	Airborne acoustical noise emission class	B	
Off-mode (W)	0.5	Standby mode (W)	-	
Delay start (W) (if applicable)	4	Networked standby (W) (if applicable)	-	

**Minimum duration of the guarantee offered by the supplier:** 24 months

**Additional information:**

Weblink to the supplier's website, where the information in point 6 of Annex II to Commission Regulation (EU) 2019/2022 is found: [www.philco.cz](http://www.philco.cz)

\* A (highest efficiency) to G (lowest efficiency)

## TECHNICAL INFORMATION

Technical information can be found on the type plate on the inside of the appliance and on the energy label. The QR code, on the supplied energy label, contains a link to register the appliance in the EU Eprel database. Keep the energy label, the instructions for use, together with other documents supplied with the device.

## TESTING INFORMATION

The delivered device is in accordance with EcoDesign and EN62552. Air access requirements for proper operation of the device, the minimum distance from the wall and the dimensions of the device are part of this manual. If you have any further questions, please contact the manufacturer.

## CUSTOMER CARE AND SERVICE

Always use original spare parts.

Model name and serial number can be found on the rating plate. Position of rating plate can be changed without notice.

The original spare parts for some specific components are available for a minimum of 7 or 10 years, based on the type of component, from the placing on the market of the last unit of the model.

When contacting our authorized service, have the model designation, serial number and defect description available.

To download documents, visit [www.philco.cz](http://www.philco.cz).

To report a defect and obtain additional service information, visit <https://philco.cz/podpora-a-servis>.

Subject to change without notice.

## INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING MATERIALS

Dispose of packaging material at a public waste disposal site.

## DISPOSAL OF USED ELECTRICAL AND ELECTRONIC APPLIANCES



The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this product at your applicable collection point for the recycling of electrical & electronic equipment waste. Alternatively in some states of the European Union or other European states you may return your products to your local retailer when buying an equivalent new product. The correct disposal of this product will help save valuable natural resources and help in preventing the potential negative impact on the environment and human health, which could be caused as a result of improper liquidation of waste. Please ask your local authorities or the nearest waste collection centre for further details. The improper disposal of this type of waste may fall subject to national regulations for fines.

### **For business entities in the European Union**

If you wish to dispose of an electrical or electronic device, request the necessary information from your seller or supplier.

### **Disposal in other countries outside the European Union**

If you wish to dispose of this product, request the necessary information about the correct disposal method from local government departments or from your seller.



This product meets all the basic EU regulation requirements that relate to it.

Changes to the text, design and technical specifications may occur without prior notice and we reserve the right to make these changes.

Original of this user manual is in czech language.





Manufacturer/ Importer to CZ:  
Fast ČR, a.s.  
Praha 10, Černokostecká 2111  
CZ-10000; CZECH REPUBLIC

Importer to SK:  
FAST PLUS, a.s.  
Na pántoch 18, 831 06 Bratislava  
SLOVAKIA

Importer to PL:  
FAST Poland Sp. z o. o.  
Ul. Kwietniowa 36, 05-090 Wypędy  
POLAND

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