

PHILIPS

Prefilter
Series
AWP1830



User manual

EN	User Manual	<?>
CZ	Návod k použití	<?>
DE	Benutzerhandbuch	<?>
EL	Εγχειρίδιο χρήστη	<?>
ES	Manual del usuario	<?>
FR	Manuel d'utilisation	<?>
HU	Felhasználói kézikönyv	<?>
IT	Manuale per l'utente	<?>
NL	Gebruiksaanwijzing	<?>
PL	Instrukcja obsługi	<?>

PHILIPS

Pre-filter AWP1830

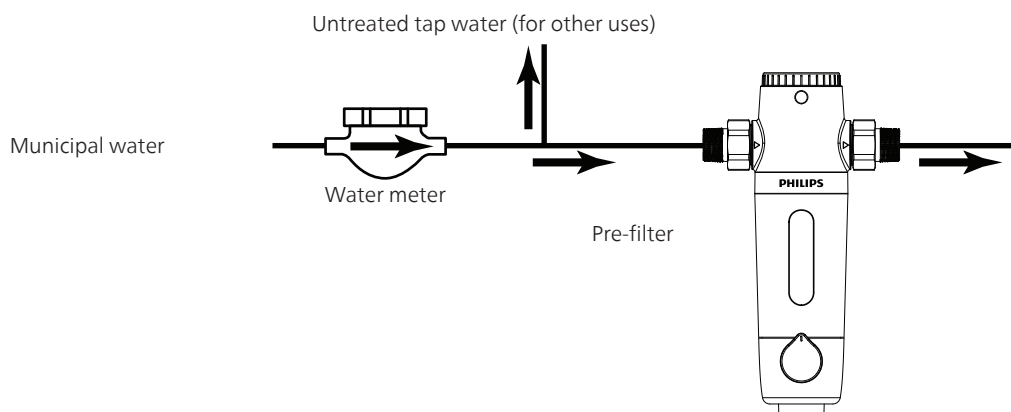
User manual

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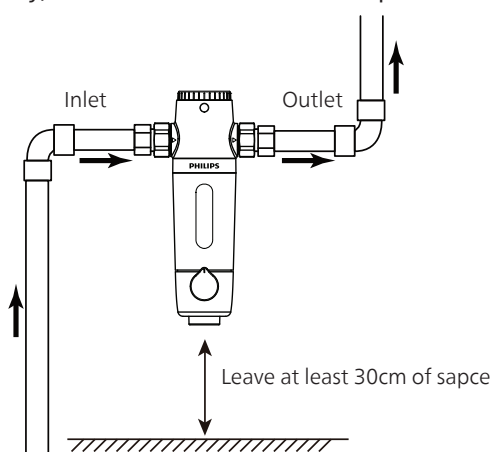
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1 Important

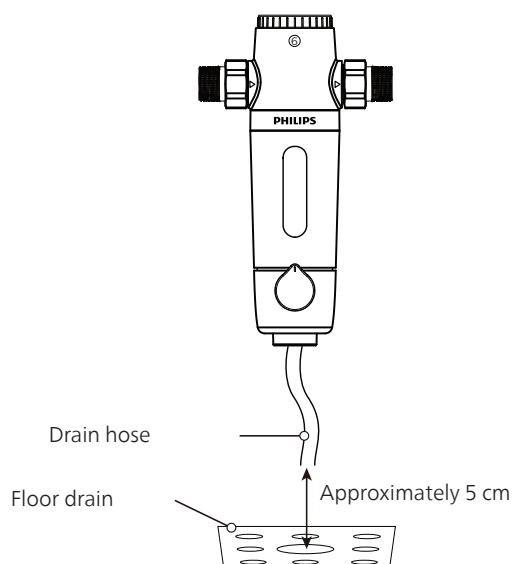
- Please read this manual carefully before installation and use, and keep it for future reference.
- The filter must be installed by qualified technicians using the correct procedures. No mechanical force must be applied to the filter. The connecting pipes before and after the filter must be properly aligned, and the distance between the couplings must be correct to prevent stress on the connections.
- This product is intended for use with municipal tap water only and must be installed in an area with a floor drain.
- Installation outdoors or in an area exposed to direct sunlight is strictly prohibited. Exposure to sunlight and high temperatures accelerates ageing of the plastic, which may affect product safety.
- This product must not be installed in excessively high or low temperatures. The product operates at a water temperature of 5 °C to 38 °C and an ambient temperature of 4 °C to 40 °C. This product is not suitable for hot water treatment. Do not connect it directly to a hot water pipe.
- The recommended maximum working water pressure is 1 MPa. If the pressure is higher, install a pressure reducing valve.
- Do not allow the filter housing to come into contact with chemical solvents or other substances that could damage its surface.
- Do not install the product upside down.
- Handle the product carefully to prevent it from falling and causing personal injury.
- The pre-filter must be installed on the main water supply line (after the water meter) in the home or in any other location where water purification and filtration are required.



- The pre-filter must be installed vertically, and at least 30 cm of free space must be left below the water outlet.



- When installing the drain hose, do not insert it directly into the floor drain or any other drain. An air gap of approximately 5 cm must be left.



2 Product features

Municipal tap water is used as the source water. After treatment with the Philips AWP1830 pre-filter manufactured by our company, the water obtained meets the drinking water requirements specified in the relevant national and EU standards.

! The pre-filter is not intended for use with well water or borehole water!

3 Requirements for the quality of water used

Municipal tap water.

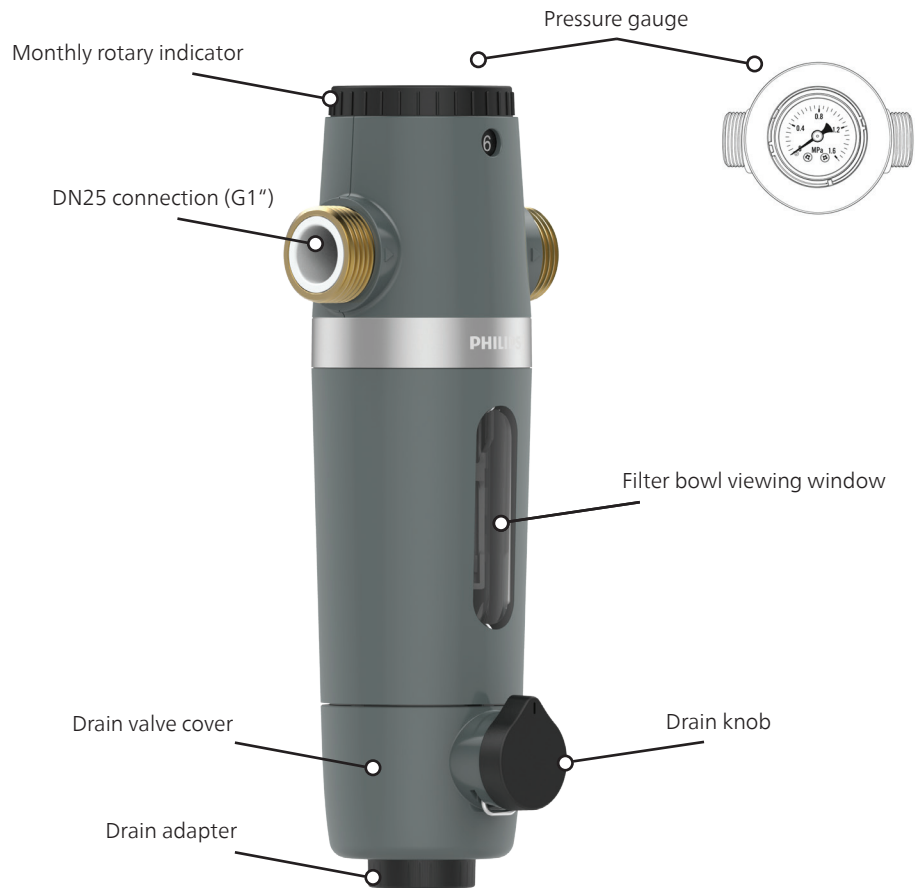
4 Main technical parameters

Item	Value
Product name	Philips AWP1830 pre-filter
Clean water flow rate	5 m ³ /h
Nominal total amount of purified water	1000 m ³
Working pressure	0.15 MPa to 1.0 MPa
Applicable water quality / water temperature	Municipal tap water / 5 °C to 38 °C
Applicable ambient temperature	4 °C to 40 °C
Manual flushing cycle	At least once a month
Manual flushing time	Approximately 1 minute
Waste water per flush	Approximately 5 litres (at 0.2 MPa)
Water inlet and outlet diameter	DN25 (G1")

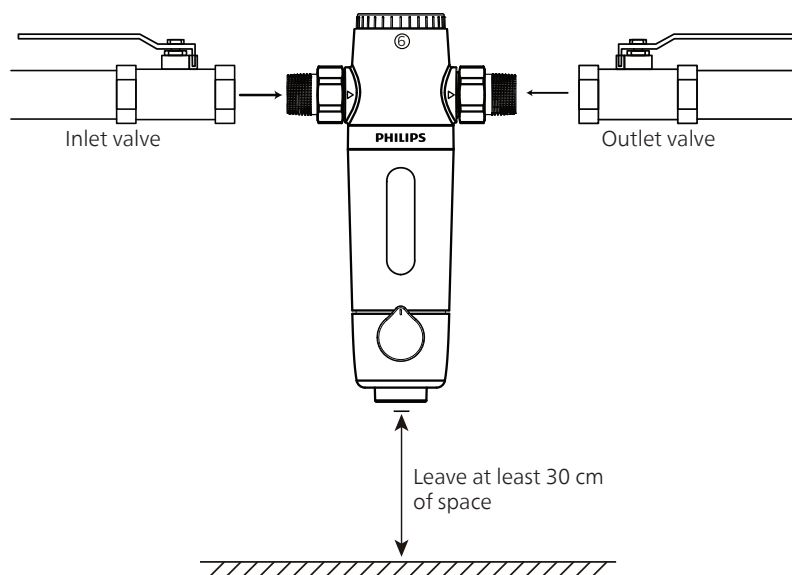
5 Water treatment technology

Municipal tap water → stainless steel mesh filter element → filtered water.

6 Construction diagram



7 Installation diagram



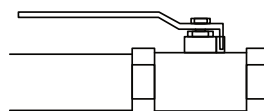
8 Preparation before installation and installation

- Determine where the pre-filter will be installed.
- The pre-filter must be installed on the main water supply line (after the water meter) in the home or in any other location where water purification and filtration are required.
- Prepare the tools required for installation: open-end wrench, plumber's pliers, pipe cutter.
- Check the packing list in the manual to make sure all installation accessories are complete.
- Connect the pre-filter to the inlet valve.
- Connect the outlet valve to the pre-filter.
- Make sure the pre-filter is installed in the correct direction of water flow.

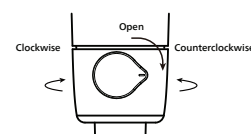
9 How to use

First use

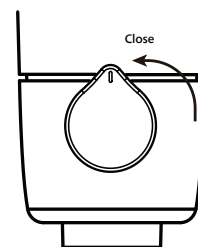
1. Close the outlet valve after the pre-filter.
2. Open the inlet valve.



3. Open the drain valve.
Turning clockwise starts direct flushing. Turning counterclockwise starts siphon backwashing.

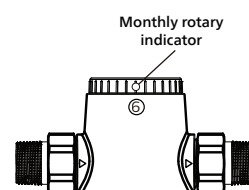


4. Close the inlet valve and the drain valve, open the outlet valve, and slowly fill the product with water by opening the inlet valve. The product is ready for use.



Using the monthly rotary indicator

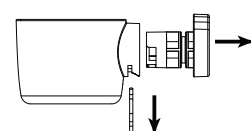
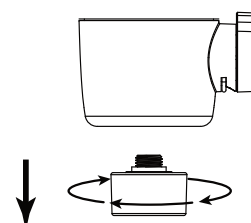
- Set the monthly rotary indicator to mark the flushing date and make it easier to remember.



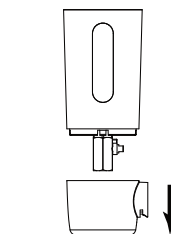
10 Maintenance and care

Cleaning the filter element

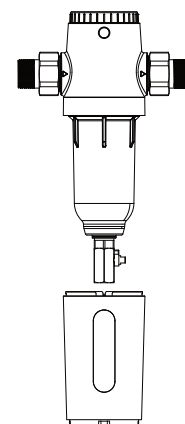
1. Close the inlet valve.
2. Open the drain valve.
3. Unscrew the drain adapter of the pre-filter in the direction of the arrow as shown in the image.
4. Pull the spring safety catch down and pull the drain knob outwards.



5. Pull down the ball valve cover at the bottom of the pre-filter.

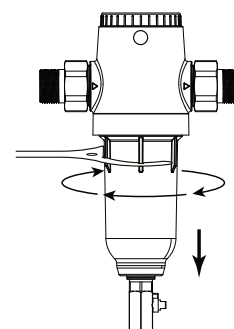
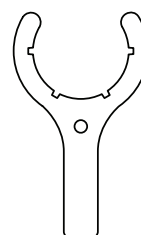


6. Pull down the filter bowl cover of the pre-filter.

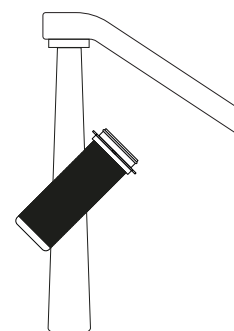


7. Unscrew the filter bowl in the direction of the arrow. Use the supplied wrench.

8. Remove the filter element.



9. Wash the filter element with clean water prepared in advance. If necessary, clean the filter mesh with a soft brush.



10. After cleaning, check that all parts are in good condition:

- the sealing ring is not missing or deformed;
- the filter element is not damaged etc.

11. Reassemble all parts correctly.

- If necessary, the filter element may need to be replaced to ensure the quality of the outlet water.

11 Troubleshooting

Fault symptom	Possible cause	Troubleshooting method
The outlet flow of the pre-filter is significantly lower	The water inlet valve is not fully open.	Open the valve completely.
The outlet flow of the pre-filter is significantly lower	The filter mesh is clogged.	Clean or replace the filter mesh.
The outlet flow of the pre-filter is significantly lower	The water pressure is too low.	Take measures to increase the pressure.
Poor outlet water quality	The filter mesh is damaged.	Replace the filter element.
Poor outlet water quality	Long-term non-use	Flush for 5 to 10 minutes.
Poor outlet water quality	Poor tap water quality	Verify that the tap water meets the requirements for municipal tap water.
Water leakage	The pipe or filter element is not fully installed.	Reinstall according to the correct installation procedure.
Water leakage	Some parts are damaged.	Contact after-sales service staff.

12 Warranty and service

The product is covered by a two-year warranty from the date of purchase. For detailed warranty terms, please refer to the separate warranty card included in the package. If you have any questions about the product, please use our online support at <https://www.yourwater.care> or contact the customer service centre in your country/region. If there is no customer service centre in your country/region, please contact your local distributor. Within two years from the date of purchase, you will receive free warranty service for any damage caused by manufacturing defects or for any damage to components under normal conditions of use, as confirmed by our service personnel.

Warranty service does not include frequently replaced consumables, auxiliary equipment, transport costs, or door-to-door service. Please present proof of purchase to the service personnel when service is performed.

13 Packing list

Item	Quantity
Main unit	×1
Sealing washer	×2
Reducer ¾" (DN20)	×2
Wrench	×1
Drain hose	×1
Sealing ring	×1
User manual	×1
Quick guide	×1
Záruční list	×1

Keep this manual in a safe place for future reference.

The contents of this manual may differ from the actual product. The actual product shall prevail. In the event of product updates, no separate notice will be issued.

