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› Philips Reverse Osmosis Water Purification Station User Manual

Philips ADD6912BK/79

Philips Reverse Osmosis Water Purification Station User Manual

Model: ADD6912BK/79

1. PRODUCT OVERVIEW

The Philips Reverse Osmosis Water Purification Station, model ADD6912BK/79, provides purified water with instant heating and chilling capabilities. This countertop unit is designed for ease of use and does not require plumbing installation. It features advanced filtration technology to remove a wide range of contaminants, ensuring clean and great-tasting water for various uses.



Figure 1: Philips Reverse Osmosis Water Purification Station (Model ADD6912BK/79) with included filters.

Key features include:

- **Advanced Filtration:** Utilizes Aquaporin Inside Reverse Osmosis technology to effectively reduce over 110 contaminants, including PFAS, Fluoride, Lead, Bacteria, Viruses, and Chlorine.
- **Instant Hot & Cold Water:** Dispenses purified water instantly at temperatures ranging from 6°C (chilled) to 95°C (hot).
- **No Installation Required:** A portable countertop design that simply plugs into a power supply.
- **UV-C LED Sterilization:** Inhibits bacteria growth in the cold water tank.
- **High Efficiency:** Features a 3:1 pure to drain ratio, minimizing water waste.

- **Filter Lifetime Reminder:** Digital display indicates when filters need replacement.

2. SETUP AND INSTALLATION

The Philips Reverse Osmosis Water Purification Station is designed for easy setup without the need for complex plumbing. Follow these steps for initial installation:

1. **Unpack the Unit:** Carefully remove all components from the packaging. Ensure all parts, including the main unit, 5-in-1 RO filter (ADD541RO/79), post-RO filter (ADD547/79), and two 1.2L jugs, are present.
2. **Place the Unit:** Position the water station on a stable, flat surface near a power outlet. Ensure adequate ventilation around the unit.
3. **Install Filters:**
 - Locate the filter compartments. The 5-in-1 RO filter (ADD541RO/79) and the post-RO filter (ADD547/79) are installed using a QuickTwist design for easy replacement.
 - Insert each filter into its designated slot and twist to secure it. Refer to the markings on the unit for correct placement.



1200 iodine post-RO filter

The post-RO filter (ADD547) guarantees crisp and pure tasting purified water.

Figure 2: Installing the post-RO filter (ADD547) into the water purification station.

4. **Fill the Raw Water Tank:** The unit features a detachable 5.4L raw water tank. Remove the tank, fill it with tap water, and securely place it back onto the unit.
5. **Power On:** Plug the power cord into a suitable electrical outlet. The unit will power on and begin its initial purification cycle.
6. **Initial Flush:** For first-time use or after filter replacement, it is recommended to dispense and discard a few liters of water to flush the system and ensure optimal performance.

3. OPERATING INSTRUCTIONS

The Philips Water Purification Station offers intuitive controls for dispensing water at various temperatures and volumes.

3.1 Water Dispensing

The unit provides five temperature settings and three volume settings for customized water dispensing.



Figure 3: The control panel displays options for chilled and hot water dispensing.

- **Temperature Selection:** Choose from ambient, 45°C, 55°C, 85°C, or 95°C. The unit instantly heats or chills

the water to your selected temperature.

- **Volume Selection:** Select desired dispensing volumes, typically 150ml, 250ml, or 500ml.
- **Dispense Water:** Place your cup or jug under the dispenser and press the dispense button.

The unit can chill 1.0L of purified water from 25°C down to 6°C in less than one hour using thermoelectric "Peltier" cooling technology.



Plenty of purified water
Plenty of pure-tasting water for cooking and drinks. Two water jugs included.

Figure 4: The water purification station comes with two 1.2L jugs for convenience.

3.2 Water Quality Indicator

The unit features a real-time water quality indicator to show the status of the purified water:

- **Constant White Light:** Indicates good water quality.
- **Constant Yellow Light:** Indicates acceptable water quality.
- **Flashing Yellow Light:** Indicates bad water quality, suggesting filter replacement or system check.

3.3 Safety Features

- **Safety Lock:** Prevents accidental hot water dispensing.

- **UV-C LED Technology:** Activates every hour in the cold water tank to inhibit bacteria growth by up to 99.9%.



UV-C LED technology

In the chilled-water chamber activates every hour, inhibiting bacteria growth in the freshly filtered water by up to 99.9%.

Figure 5: The UV-C LED technology ensures bacterial purity in the chilled water.

3.4 Product Video Overview

Watch this official Philips video for a visual guide on the features and operation of the water purification station:

Your browser does not support the video tag.

Video 1: Philips Reverse Osmosis purification ADD6912BK/79. This video demonstrates the key features and benefits of the water purification station, including its filtration capabilities, temperature settings, and ease of use.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Philips Water Purification Station.

4.1 Filter Replacement

The unit's filter cartridge is tested to maintain its purification performance for at least 2000 liters of water purification or up to 1 year, whichever comes first. The digital display provides a filter lifetime reminder.



Figure 6: Illustration of the 6-stage Reverse Osmosis purification process, highlighting the different filter layers.

To replace filters:

1. Unplug the unit from the power outlet.
2. Remove the raw water tank.
3. Twist and pull out the old filters from their compartments.
4. Insert new filters (ADD541RO/79 and ADD547/79) into their respective slots and twist to lock them in place.
5. Refill the raw water tank and plug the unit back in.
6. Perform an initial flush cycle as described in the setup section.

The activated carbon post-filter (ADD547) is made of natural coconut shell, ensuring a crisp and pure taste for the purified water.

5. TROUBLESHOOTING

If you encounter issues with your Philips Water Purification Station, refer to the following common problems and

solutions:

Problem	Possible Cause	Solution
No water dispensed.	Raw water tank empty or not properly seated. Unit not powered on.	Refill the raw water tank and ensure it is correctly installed. Check power connection.
Flashing yellow light on water quality indicator.	Filters need replacement or water quality is poor.	Replace the filters. If the issue persists, contact customer support.
Water tastes unusual.	New filters not flushed. Filters need replacement.	Perform an initial flush cycle. Replace filters if they are old.
Hot water not dispensing.	Safety lock engaged. Heating element issue.	Deactivate the safety lock. If the problem continues, contact customer support.

6. SPECIFICATIONS

Feature	Detail
Model Number	ADD6912BK/79
Brand	Philips
Product Dimensions (L x W x H)	21.1 x 39.8 x 42.6 cm
Weight	11.4 kg
Installation Type	Countertop (No plumbing required)
Raw Water Tank Capacity	5.4 L
Purified Water Jug Capacity	2 x 1.2 L
Filtration Technology	Aquaporin Inside Reverse Osmosis (RO) with UV-C LED
Contaminant Reduction	Reduces >110 contaminants including PFAS, Fluoride, Lead, Bacteria (>99.9999%), Viruses (99.999%), Chlorine (>99.5%)
Temperature Settings	Ambient, 45°C, 55°C, 85°C, 95°C, 6°C (chilled)
Volume Settings	150ml, 250ml, 500ml (and continuous flow for jugs)
Filter Lifespan	Up to 2000 liters or 1 year (whichever comes first)
Included Components	Water Station, 5in1 RO filter (ADD541RO/79), post-RO filter (ADD547/79), 2x Jugs
Country of Origin	China

7. WARRANTY AND SUPPORT

Philips Water appliances are tested and have obtained many safety certifications. The Philips Water Purification Station is supported by Philips standard two-year factory warranty.

For technical support, warranty claims, or to purchase replacement filters, please visit the official Philips support website or contact their customer service. Ensure you have your model number (ADD6912BK/79) and proof of purchase available.

You can find more information and support resources on the official Philips website www.philips.com

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