

# PHILIPS



## Boiling & Chilled Water Tap - PFAS Pro

Reverse Osmosis  
purification

5°C chilled, ambient 45°, 85°, 95°  
instant hot

Reduces PFAS, chlorine,  
pharmaceuticals

Smart faucet, color coded ring

2.6 L/min fast filtration and  
dispensing



AUT9028DG/79

## Purifying excellence. From ice-cold to piping hot.

Aquaporin Inside™ removes 110 kinds of substances\*

World's first Boiling & Chilled RO Minerals tap. Enjoy 0.0001µ purified water enriched with minerals. The filtration performance document is available via "Get support for this product" (scroll down).

### Cleaner water assured

- Mineralizing pH+ alkaline technology
- UV-C LED supports freshness of chilled water

### Cleaner water assured

- Fresh hot water on demand
- Various temperature
- 1000GPD
- Smart faucet with colour coding

### Cleaner water assured

- Aquaporin Inside™ Reverse Osmosis
- Total Dissolved Solids monitoring
- FreshPro™ Anti-TDS Creep

### Your Drinks, Your way

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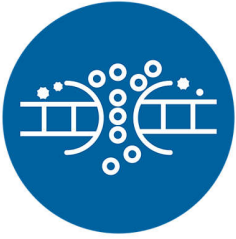
# Reverse Osmosis purification

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## Highlights

### 5-stage filtration with Aquaporin Inside™



Harnessing the power of nature. This reverse osmosis system uses a biomimetic membrane with aquaporin proteins — the same proteins found in nature that help water pass through cell membranes. It effectively filters out harmful substances down to 0.0001 micron. Aquaporin Inside™ technology, developed by Aquaporin A/S (Denmark), has been tested in collaboration with NASA and the European Space Agency (ESA) for use in space missions—demonstrating outstanding innovation, reliability, and performance.

### Mineralizing pH+ alkaline technology



Our remineralizing technology enhances RO filtered water by adding back beneficial minerals. This process naturally raises the pH, resulting in smoother, more alkaline water with a great taste.

### Smart faucet with colour coding

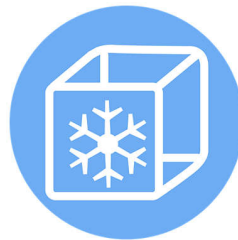
Precision meets convenience. The elegantly designed smart faucet combines form and function, featuring a durable ABS plastic and zinc alloy housing. It integrates both the system control unit and purified water outlet into one sleek interface. Turn the dial to select from 5 temperatures (5°C chilled, ambient, 45°C, 85°C or 95°C heated) and four dispensing volumes (250 ml, 350 ml, 500ml or 1000 ml). The 120° swivel design offers flexible positioning, making it exceptionally user-friendly for everyday use.

### Static UV disinfection



UV-C LED technology in the chilled water chamber activates every hour to help maintain cleanliness in the chamber during cooling operation. When you deactivate the cooling system, UV-C operation will also stop. If water remains in the chilled water chamber for extended periods, please follow the drainage instructions provided to maintain optimal performance and water freshness.

### Perfectly chilled (5°C) water on demand

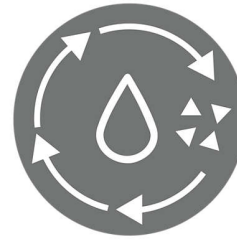


Powerful compressor chills the purified water in the chilled water chamber from 25°C to a crisp 5°C in just 25 minutes. The chilled water dispensing flow rate is approximately 1.0L per minute. The chilled water chamber capacity is approx. 1.0L. Enjoy crisp, chilled purified water on demand !

### Fresh hot water on demand

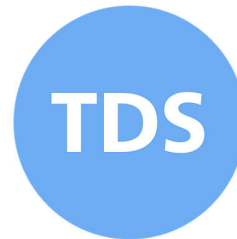
Instant heating technology can deliver an "unlimited" stream of purified hot water within seconds. Multiple temperatures can be selected via the smart faucet: 5° chilled, ambient, 45°, 85° and 95°. Near boiling temperature (approx. 98°C) is achieved inside the heating element. The hot water (95°) dispensing flow rate is approximately 0.35L per minute. Enjoy freshly purified and heated water on demand !

### FreshPro™ Anti-TDS Creep



Always Fresh, Always Pure. TDS creep occurs when reverse osmosis systems are unused for a period, allowing total dissolved solids to slowly pass through the membrane, temporarily raising the TDS level in the purified water. The Philips FreshPro™ system prevents this by automatically flushing the system with purified water — even during standby periods. This proactive flushing reduces TDS creep and ensures the first glass of water is just as pure as the last.

### Total Dissolved Solids monitoring



The smart faucet displays TDS levels, giving you real-time water quality assurance. This system is tested to reduce Total Dissolved Solids (TDS) and complies with NSF/ANSI Standard 58 for point-of-use reverse osmosis (RO) systems. In compliance with NSF/ANSI the system meets rigorous standards for material safety, structural integrity, and filtration performance. In addition the system is tested to reduce over 110 potentially harmful substances, including bacteria, chloride, microplastics, fluoride, PFAS chemicals and pharmaceuticals.

### 1000GPD

The system provides up to 1,000 gallons of purified water per day, making it ideal for large families who need a steady supply of clean drinking water. Plus, it delivers water quickly—filling a 150ml glass in under 4 seconds!\* \*Glass capacity: 150ml

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## Highlights

### Various temperature

5 preset temperature (5°C, Ambient, 45°C, 85°C & 100°C)

with only 1 litre of water going to the drain, offering a more sustainable and efficient filtration solution.

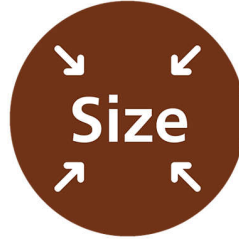
### Watermark certified

### High filtration efficiency



Traditional RO systems are often inefficient, typically wasting 9 to 12 litres of water for every 3 litres of purified water produced — a recovery rate of just 20%. This level of water waste is a concern, particularly in regions facing water shortages. In contrast, the Philips cartridge used in this RO water station achieves 65% water recovery: it produces 2 litres of purified water

### Tankless, Compact, Efficient



Traditional RO systems typically offer around 50 GPD (gallons per day) — equivalent to 0.13 litres per minute and therefore, they rely on large storage tanks to offer an acceptable water flow. Philips direct-flow Tankless RO Taps offer 400 to 1000 GPD capacity, enabling flow rates of up to 2.6 litres per minute — 20x faster than conventional systems. To manage heating or chilling functions, a small - integrated - heating of chilling chamber might still be used.



In Australia, all plumbing and drainage products must be installed by a licensed plumber - and may only be installed if they carry WaterMark certification. This Philips Tap Water Station is fully certified to meet the latest Australian and New Zealand standards, like AS/NZS 3497:2021 for drinking water treatment systems. The certification ensures the product complies with all regulatory, safety, and performance requirements for use in Australian homes.

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## Specifications

### Filtration performance

Filter Precision: down to 0.0001 microns

Microplastics reduction

Soluble lead reduction

Turbidity reduction

Water hardness reduction

Bacteria reduction

Pesticides reduction

VOC reduction

Viruses reduction

PFOS reduction

Heavy metals reduction

Sediment reduction

RO membrane specification: 1000G

Purified water flow rate: 2.6L/min

Brand of RO: Aquaporin

FreshPro

Total dissolved solids (TDS) reduction

PFOA reduction

Mineralization

### Smart Functions

Filter replacement: QuickTwist

Auto-flush

### Filter specifications

Filter precision: down to 0.0001 microns

Filter precision: Replacement cartridges AUT640 (1000 GPD RO membrane; lifetime 5 years or 18,000 litres) and AUT617 (5-stage CB, Sediment and Remineralizer; lifetime 1 year or 3,650 litres).

### Input water conditions

Input water quality: Municipal tap water

### General specifications

Product Dimension (LxWxH): Under-bench unit: depth 426 (+20 for powercord) x width 198 (+50 for ventilation) x height 426 (+50 for tubes).

Faucet: height 304 (spout height from benchtop 240) x width 54. mm

Water production efficiency: 65%

Water storage tank: Tankless

Heating system: Instant heating

Installation: According to Australian Standards

Cooling system: Compressor cooling

### Safety Configurations

Filter replacement reminder

Auto flush

### Country of origin

Country of origin: Made in China. Aquaporin Inside technology technology developed in Denmark.

