

PHILIPS



Direct-Flow RO, multi-temp Tap, Brushed

Reverse Osmosis purification

Reduces PFAS, chlorine and more.

Ambient, 45°C to 95°C

NSF/ANSI 58 372 tested

Brushed Nickel Smart Faucet

Aquaporin Inside™



AUT6104BN/79

0.0001µ purified water, from ambient to piping hot

High flow capacity (800 GPD) 2.1 litres per minute

Advanced water purification system, designed for modern homes. Unlike traditional RO units that rely on large storage tanks, this system uses high-performance filtration membranes to deliver purified water directly — on demand.

Cleaner water assured

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

Your Drinks, Your way

- Smart Faucet with 120° swivel
- Continuous flow heating
- Tankless, Compact, Efficient

Build for your convenience

- Designed and Manufactured to Australian Standards
- Fast flow filtration
- Quick-Twist easy replacement

Worry-free to use and maintain

- High filtration efficiency
- Certified to NSF/ANSI Standards 58 & 372

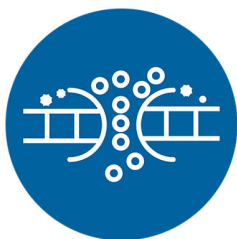
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Highlights

5-stage filtration with Aquaporin Inside™



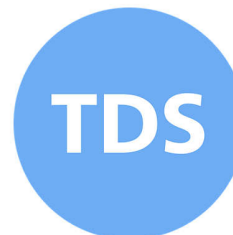
Harnessing the power of nature. This reverse osmosis system uses a biomimetic membrane with aquaporin proteins — the same proteins found in nature that help water pass through cell membranes. It effectively filters out harmful substances down to 0.0001 micron. Aquaporin Inside™ technology, developed 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.

Watermark AS 3497 and AS 3498



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: AS/NZS 3497:2021 – Drinking water treatment systems, and AS/NZS 3498:2020 – Water heaters and hot water storage tanks. Certification is provided by CSA Group International, ensuring the product complies with all regulatory, safety, and performance requirements for use in Australian homes.

Total Dissolved Solids monitoring



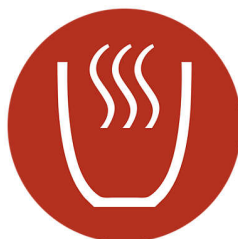
This system is tested to reduce Total Dissolved Solids (TDS) by over 95%, in compliance with NSF/ANSI Standard 58 for point-of-use reverse osmosis (RO) systems. The smart faucet displays real-time TDS levels, giving you visible assurance of water purity with every glass. Certified by CTI International and SGS Group, the system meets rigorous standards for material safety, structural integrity, and filtration performance. In addition to TDS reduction, it has been tested to filter out over 110 potentially harmful substances, including chloride, microplastics, fluoride, PFOA, and PFOS.

Smart Faucet with 120° swivel



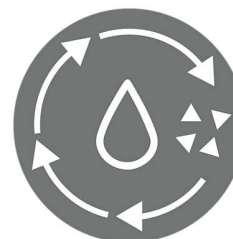
Precision Meets Convenience. The elegantly designed smart faucet combines form and function, featuring a durable ABS plastic and zinc alloy housing. It integrates both the system control unit and purified water outlet into one sleek interface. Easily select from seven temperature settings (ambient, 45°C, 55°C, 65°C, 75°C, 85°C, 95°C) and four dispensing volumes (240 ml, 500 ml, 1000 ml, or continuous flow). The 120° swivel design offers flexible positioning, making it exceptionally user-friendly for everyday use.

Continuous flow heating



This system uses continuous flow heating technology to provide instant hot purified water. The internal tank is constantly refilled with purified water, so it never runs empty. It can deliver up to 1.5L of water above 90°C continuously. The temperature is maintained between 92°C and 95°C, reheating in 20-second cycles as needed. Energy-efficient, it uses ≤0.5 kWh per 24 hours to maintain temperature (when idle). The tank is made from 316L low-carbon stainless steel for excellent strength and corrosion resistance.

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.

Highlights

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

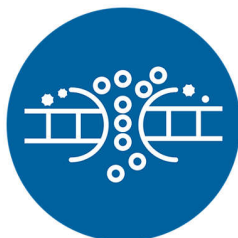
Tankless, Compact, Efficient



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 or chilling chamber might still be used.

NSF/ANSI Standard 58 and 372



This system has been independently tested by CTI International in accordance with NSF/ANSI Standard 58, which evaluates point-of-use (POU) reverse osmosis systems. The certification covers: material safety, structural integrity, TDS (Total Dissolved Solids) reduction, product documentation and performance. The system achieved a TDS reduction of over 95%. It is also certified by CSA Group International to NSF/ANSI Standard 372, confirming lead-free compliance for all materials in contact with drinking water.

Fast flow filtration



This advanced system delivers a high water purification capacity of 800 gallons per day (GPD), supporting an instant filtration flow of 2.1 L/min for both ambient and heated water. Designed to meet the needs of larger households, it provides continuous, on-demand purified water without requiring a separate storage tank—saving space and ensuring water is always fresh.

Quick-Twist easy replacement



The 5-layer filter cartridge (Philips AUT609R800/00) is tested to keep its performance for at least 6,000 liters of water purification. Recommended to replace after 2 years of usage. A filter lifetime indicator on the smart faucet will remind you when the cartridge is nearing the end of its lifetime and should be replaced.

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Specifications

Filtration performance

Filter Precision: down to 0.0001 microns

Chlorine reduction

Microplastics reduction

Filter lifetime: 5 in 1 filter: up to 24 months

Pesticides reduction

Water hardness reduction

Bacteria reduction

VOC reduction

Viruses reduction

Heavy metals reduction

Filtration mode: Purified water only

Total dissolved solids (TDS) reduction

PFOA reduction

PFAS reduction

Filter specifications

Filtration capacity: 6000L

RO membrane specifications: 800 GPD RO membrane

Stage of filtration: 5-stage

General specifications

Replacement filter cartridge: AUT609R800

Product Dimension (LxWxH): 455*171*425 mm

Rated Water Flow Rate: 2.1L/min

Inlet water temperature: 5-38 °C

Drain water ratio: 65% (2:1)

Power: 120W

Inlet water pressure: 0.1-0.4 Mpa

Faucet: With filter lifetime reminder

Applicable inlet water: Municipal tap water

Water storage tank: Tankless

Pressure booster pump: Included

Faucet: With TDS display and filter lifetime reminder

Heating system: Instant heating

Voltage: 220-240

Installation: Vertical installation only

