

# PHILIPS



RO Tap Water  
Station, Hot, BK

Reverse Osmosis  
purification

Matt Black Smart Faucet

Ambient, 45°C to 95°C

Watermark 3497 3498 certified

NSF/ANSI 58 372 tested

Aquaporin Inside™



AUT6104BK/79

## Pure tasting water, from ambient to piping hot

### Aquaporin RO technology, tested to NSF/ANSI 58

First ever Multi-Temp Reverse Osmosis Tap Water Station certified to Australian standards. Equipped with Aquaporin Inside™ water purification technology and integrated heating. Freshly purified water at your desired temperature, instantly.

#### 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, small footprint.

#### Build for your convenience

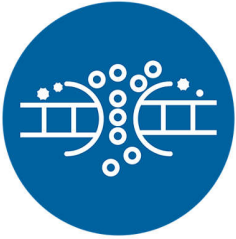
- Fast flow filtration
- Quick-Twist easy replacement
- Designed and Manufactured to Australian Standards

#### Worry-free to use and maintain

- High filtration efficiency
- NSF/ANSI Standard 58 and 372

## Highlights

### 5-stage filtration with Aquaporin Inside™



Harnessing the power of nature. The biomimetic Reverse Osmosis membrane incorporates aquaporin proteins to replicate nature's own water filtration process and filters water faster and better than ever before. The filter can effectively remove harmful substances down to 0.0001 micron\*. Aquaporin Inside™ Reverse Osmosis filtration technology is developed by Aquaporin A/S (Denmark) and tested in collaboration with NASA and ESA for aerospace activities. This partnership highlights the level of technical innovation, performance and durability.

### Smart Faucet with 120° swivel



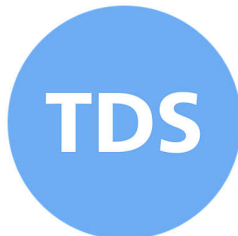
System control unit and purified water outlet. Beautifully designed in quality ABS plastic and Zinc Alloy housing. It lets you choose from multiple temperatures (ambient, 45°C, 55°C, 65°C, 75°C, 85°C or 95°C) and dispensing volumes (240ml, 500ml, 1000ml, continuous). The faucet is designed to conveniently rotate 120°, making it very user friendly for daily applications.

### Continuous flow heating



Continuous flow heating technology supports instant hot purified water. The internal heating tank is constructed from low carbon 316L stainless steel with superior corrosion resistance and strength.

### Total Dissolved Solids monitoring



Tested to reduce overall TDS by 95% based on NSF/ANSI 58 standards. The smart faucet displays the level of TDS in the purified water, giving you reassurance about the quality of your drinking water.

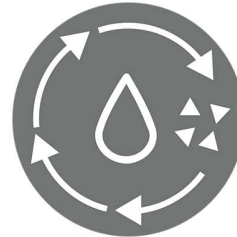
### Fast flow filtration



This innovative system has a water purification capacity of 800 gallons per day (GPD). The system supports a 2.1 L/min instant water

filtration and dispensing flow, both for ambient and heated water. Meeting big family requirements, without the need for a separate storage tank.

### FreshPro anti-TDS creep



TDS creep is the result of not using RO systems for a period of time: total dissolved solids (TDS) are creeping into the treated side of RO membranes, increasing the TDS-out levels for a short period of time. Philips FreshPro automatically flushes the system with purified water - also when not in use - reducing TDS creep.

### High filtration efficiency



Thanks to the advanced filtration technology, this water station produces purified water more efficiently. It can produce two liters purified water from three liters input water, realizing a 2:1 "drain ratio".

# Reverse Osmosis purification

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## Highlights

### Small footprint (17cm wide)



Most traditional domestic RO systems support a water purification speed of 50 gallons per day (50 GPD), resulting in a filtration flow of 0.13L/min. To provide a more acceptable water dispensing speed, these traditional systems are supplied with a separate purified water storage tank. This 800 GPD Philips Water Station delivers a water purification speed of 2.1L/min, resulting in a space-saving tankless-design and avoiding the risk of “secondary pollution” (bacteria build-up in the purified water storage tank).

### 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.

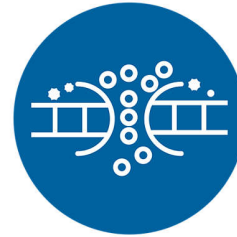
### Watermark AS 3497 and AS 3498



In Australia, plumbing and drainage products need to be installed by a licensed plumber and a licensed plumber is not permitted to install

plumbing and drainage products without WaterMark certification. This Philips Tap Water Station is certified to the latest Watermark requirements AS/NZS 3497:2021 (drinking water treatment systems) and AS/NZS 3498:2020 (water heaters and hot-water storage tanks) by CSA Group International.

### NSF/ANSI Standard 58 and 372



Tested by CTI International in accordance with the American National Standard for point-of-use (POU) reverse osmosis (RO) systems (NSF 58). This standard includes materials used, structural integrity and safety, product literature and total dissolved solids (TDS) reduction. Tested Overall Percent Reduction was over 95. Tested by CSA Group International in accordance with NSF/ANSI Standard 372 (Lead free compliance).

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## Specifications

### Filtration performance

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

Microplastics reduction

Chlorine reduction

Filter Precision: down to 0.0001 microns

Water hardness reduction

Pesticides 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

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

Replacement filter cartridge: AUT609R800

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

