

PHILIPS

RO minerals filter
Aquaporin Inside™

Reverse Osmosis
purification

Reverse Osmosis with Aquaporin
Inside™

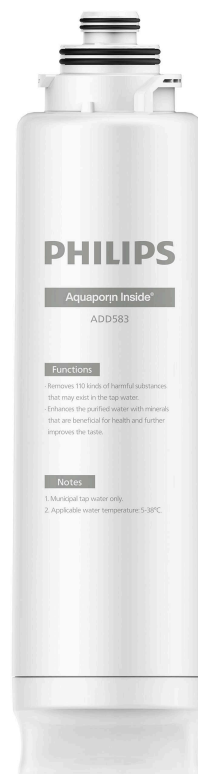
6-layer filter with alkaline
remineraliser

PFAS reduction rate >99.8%

Bacteria and Viruses reduction
rate >99.999%

ADD583

Aquaporin Inside™



Enjoy smoother, fresher water.

Removes 110+ harmful substances

Philips RO technology with Aquaporin Inside™ uses biomimetic membranes for ultimate filtration. The filtration performance document is available via "Get support for this product" (scroll down). One year recommended filter lifetime.

Cleaner water assured

- Reverse Osmosis with Aquaporin Inside™
- Mineralizing pH+ alkaline technology

Worry-free to use and maintain

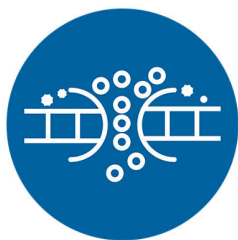
- Excellent filtration efficiency

5 in 1 RO filter

- 6-layer All-in-One Filter Cartridge with Aquaporin Inside™

Highlights

Aquaporin Inside™ Reverse Osmosis technology



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



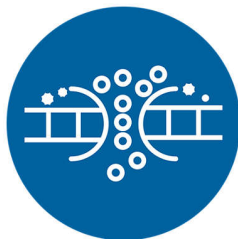
Our remineralizing technology enhances RO filtered water by adding back beneficial minerals. This process naturally raises the pH, resulting in smoother, more alkaline water with a great taste.

Excellent 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 75% water recovery: it produces 3 litres of purified water with only 1 litre of water going to the drain, offering a more sustainable and efficient filtration solution.

6-layer All-in-One Filter



Multi-stage purification system: 1 - Polypropylene 2 - Activated Carbon 3 - Polypropylene 4 - RO membrane with Aquaporin Inside™ 5 - Activated Carbon 6 - Adding Minerals
The filtration system can effectively remove 110 kinds of harmful substances down to 0.0001 micron*. Providing you cleaner and fresher tasting water.

Specifications

Filter specifications

Main filter media: RO
Filtration capacity: 2000L

General specifications

gross weight: 1.1 kg
net weight: 0.8 kg
Filter quantity: 1-pack
Packaging Dimension(L)*(W)*(H):
125*125*39 mm

Main parameters

Applicable water temperature: 5-38 °C
Rated water flow: 0.2 l/min

