

PHILIPS

Aquaporin Inside™ RO Filter Cartridge

Reverse Osmosis
purification

Aquaporin Inside® technology

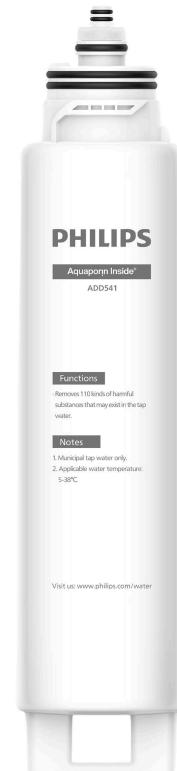
5-layers: PP - ACF - PP - RO -
postACF

12 months or 2,000L performance

Compatible with ADD6901,
ADD6902, ADD6912

ADD541RO/79

Aquaporin Inside™



Easy access to clean drinking water

The innovative biomimetic membrane incorporates aquaporin proteins to filter removes 110 kinds of harmful substances that may exist in the tap water*. Compatible with ADD6901, ADD6902, ADD6912 Water Stations

Cleaner water assured

- Reverse Osmosis with Aquaporin Inside™

RO filtration removes 110 kinds of harmful substan

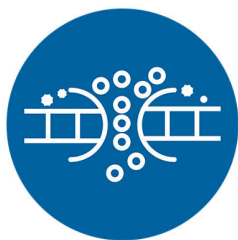
- RO filtration removes 110 kinds of harmful substances*
- QuickTwist filter replacement
- 2,000L filtration capacity

Worry-free to use and maintain

- Excellent filtration efficiency

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.

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.

QuickTwist filter replacement

Horizontal placement and QuickTwist design for easy filter replacement; no on-site customer service required.

2,000L filtration capacity

The RO filter is good for filtering 2,000 liters of water, helping to save thousands of plastic bottles every year. So its not only good for you, its good for the environment too.

RO filtration removes 110 kinds of harmful substan

The innovative AquaShield All-in-One RO filter removes 110 kinds of harmful substances that may exist in the tap water*, delivering similar water quality as distilling.

Specifications

Filtration performance

Chlorine reduction

Pesticides reduction

Filtration level: 4-stage

Water hardness reduction

Lead reduction

Filter precision: RO: 0.0001 µm µm

PFOA reduction

Recommended filter lifetime: 12 months**

PFOS reduction

Input water conditions

Input water temperature: 5-38 °C

General specifications

Filtration capacity: 2000L

