

# PHILIPS



RO Water Station,  
Hot + Cold, Alkaline

Reverse Osmosis  
purification

Compressor-chilled water

True-boiling hot water

Real-time TDS monitoring display

NASA/ESA tested Aquaporin  
Inside™

Aquaporin Inside™



ADD6921DG/79

## Purifying excellence. From ice-cold to piping hot Aquaporin Inside™ removes 110 kinds of substances\*

Aquaporin Inside™ Reverse Osmosis purification technology, now with updated remineralizer. You will be amazed by its Compressor Cooling system and True Boiling heating technology. Purifying excellence.

### Cleaner water assured

- Aquaporin Inside™ Reverse Osmosis
- Alkaline Mineralization
- UV-C LED keeps chilled water fresh
- Real-time TDS monitoring

### Your Drinks, Your way

- Perfectly chilled (5°C) on demand
- Hot water within seconds

### Build for your convenience

- 2x purified water jugs
- Plug and play; no installation required
- Large tap water tank avoids frequent water refill
- Filter lifetime indicator reminds on-time filter replacement
- Adjustable drip tray for different sizes of cups

### Worry-free to use and maintain

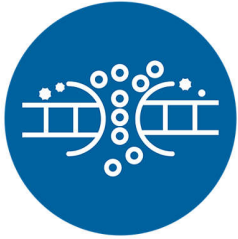
# Reverse Osmosis purification

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## Highlights

### Aquaporin Inside™ Reverse Osmosis technology



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. 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.

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



Powerful compressor chills the purified water ice-cold and ultra-cold-preservation technology keeps the water below 5°C for 3 hours. So you can enjoy truly ice-cold purified water on demand.

### Hot water within seconds



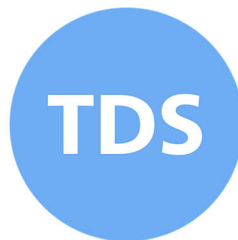
True boiling (100°C is achieved inside the heating element) instant heating technology delivers purified hot water within seconds. Multiple temperatures available: chilled, ambient, 45°, 55°, 85°, 100°C.

### Static UV disinfection



UV-C LED technology in the cold water tank activates every hour, inhibiting bacteria growth in the freshly filtered water by up to 99.9%\*\*.

### Water quality display



Real-time water quality display presents the amount of Total Dissolved Solids (TDS) measured before and after the filtering process, providing extra quality re-assurance.

### Alkaline mineralizer pH+



At the last stage in the purification process, the purified water is remineralised with calcium, magnesium, potassium and sodium ions (Ca<sup>2+</sup>, Mg<sup>2+</sup>, K<sup>+</sup>, Na<sup>+</sup>). This remineralisation process also raises the pH balance of the water to a level that is considered alkaline. Taste is highly subjective, but an alkaline buffer will make the purified water taste less "flat".

### Excellent filtration efficiency



Traditional RO processes typically waste a significant amount of water: usually 9 to 12 liters of water are wasted for every 3 liters of purified water produced. This can be an environmental concern, especially in areas with water scarcity. This Philips cartridge with Aquaporin Inside™ Reverse Osmosis technology offers excellent filtration efficiency: only 1 litre of water is wasted for every 3 litres of purified water produced.

### Portable purified water jug



This water station comes with two 1.8L water jugs for purified water. You always have plenty of purified water for cooking and making drinks. Store one jug in the fridge for purified cold water.

### Installation free

The dispenser will start to work as soon as you connect the power and turn it on. No need to plumb in.

### Large tap water tank

6L large water tank is perfect for family use, without the need of refilling it frequently.

### Filter replacement reminder

The filter lifetime indicator reminds you to replace the filter on time, to ensure the best filtration performance.

### Adjustable drip tray

The height of the drip tray can be easily adjusted to accommodate different sizes of cups, glasses, mugs, and bottles.

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## Highlights

### **Filter replacement reminder**

The filter lifetime indicator reminds you to replace the filter on time, to ensure the best filtration performance.

### **Anti-burn**

When there is little/no water left, the system automatically prevents hot water from dispensing, protecting the system from dry burn.

### **Self-cleaning mode**

After you return from holiday, simply activate the self-cleaning mode to rinse the water pipes with hot water, so that you feel more confident about the hygiene of the system.

### **Safety lock**

When dispensing hot water, the safety lock will be automatically activated to ensure safety.

### **BPA-free**

All parts that come into direct contact with water are made of BPA-free materials.

### **Eco-friendly**

Bottled water takes a significant toll on the environment, and also costly. With this water filtration system, you never need it again - you always have access to clean and fresh-tasting water.

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## Specifications

### Filtration performance

Chlorine reduction  
Pesticide removal  
Water hardness reduction  
Bacteria reduction  
VOC reduction  
Viruses reduction  
Heavy metals reduction  
Total dissolved solids (TDS) reduction  
Drain ratio: 75% (3:1)  
Filtration precision: Down to 0.0001 micron

### Cooling Performance

Cooling system: Compressor cooling  
Refrigerant: R600a

### Input water conditions

Input water pressure: 0.1-0.4MPa bar

### General specifications

Product Dimension (LxWxH): 230\*420\*424 mm  
Filtration capacity: 2000L  
Applicable inlet water: RO purified water  
Replacement filter cartridge: AWP583  
Inlet water temperature: 5-38 °C  
Rated voltage: 220V~  
UV sterilization  
Display: LED  
Purified water jug  
Purified water jug capacity: 1.8L  
Tap water tank: 6L capacity

Heating system: Instant heating  
Cooling tank capacity: 0.8L  
Country of origin: Made in China

### Power

Rated power: 2150W

### Main parameters

Color: Grey  
Inlet water pressure: 0.1-0.4Mpa

### Service

Warranty period: 2 years

