

# PHILIPS



## Aquaporin Inside™ RO Filter Cartridge

Reverse Osmosis  
purification

18,000 litres filtration capacity

5 years expected lifetime

2.6L/min 1000 GPD RO  
membrane

NSF / Watermark

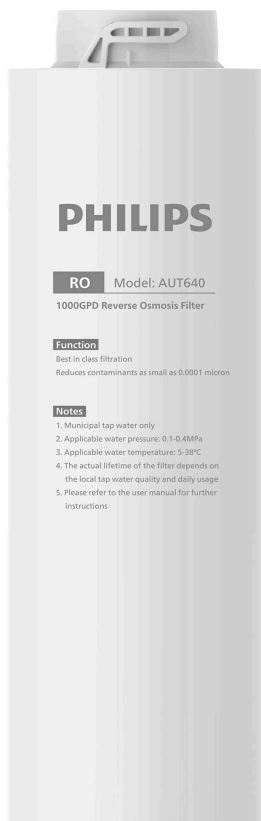
## 0.0001 micron purification for safe drinking water

### Aquaporin RO technology, tested to NSF58 (TDS)

Reverse Osmosis Filter for Philips Tap Water Stations AUT9028DG/79. The biomimetic RO membrane is equipped with Aquaporin Inside™ water purification technology to filter water faster and more energy efficiently.

#### **Aquaporin Inside technology filters water better**

- Aquaporin Inside



## PHILIPS

**RO** Model: AUT640  
1000GPD Reverse Osmosis Filter

#### **Function**

Best in class filtration  
Reduces contaminants as small as 0.0001 micron

#### **Notes**

1. Municipal tap water only
2. Applicable water pressure: 0.1-0.4MPa
3. Applicable water temperature: 5-38°C
4. The actual lifetime of the filter depends on the local tap water quality and daily usage
5. Please refer to the user manual for further instructions

## Reverse Osmosis purification

Aquaporin Inside™ RO Filter Cartridge

# Highlights

AUT640/79

### 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 filtration system

can effectively remove 110 kinds of harmful substances down to 0.0001 micron\*, providing you and your family with clean and fresh-tasting water.

AUT640/79

# Specifications

### Filtration performance

Chlorine reduction

Microplastics reduction

Filter Precision: RO: 0.0001 microns

Filter lifetime: RO filter - 5 years

Turbidity reduction

Bacteria reduction

Water hardness reduction

Pesticides reduction

VOC reduction

Viruses reduction

PFOS reduction

Heavy metals reduction

Chemical reduction: up to 99%

Sediment reduction

RO membrane specification: 1000G

Purified water flow rate: 2.6L/min

Filtered water flow rate: 2.6L/min

Brand of RO: Aquaporin

FreshPro

Rated filtration capacity: Purified water - 18250L

Total dissolved solids (TDS) reduction

PFOA reduction

### Smart Functions

Filter replacement: QuickTwist

Auto-flush

TDS monitor

### Input water conditions

Input water pressure: 0.1-0.4MPa bar

Input water quality: Municipal tap water

Input water temperature: 5-38°C

