

Reverse Osmosis Water Purification System

For drinking water, ice, hot water & cooking applications

Atlas Filtri® is offering a Point-of-Use Under-Counter Reverse Osmosis Water Purification System that is designed to meet all of your drinking and cooking water needs.

The system is designed to provide up to 50 gallons of pure water per day. In addition to the secondary faucet at the sink, the system can be connected to a refrigerator for ice and water dispensing, an under-counter ice machine, a hot water dispensing system, or all four points-of-use.

The system will reduce dissolved contaminants in the water supply up to 99% through the RO membrane separation process. Contaminants larger than 0.0001-micron are removed by the RO membrane, which filters everything but pure water. Examples of contaminants reduced are chlorine taste and odor, fluoride, arsenic, aluminum, barium, PFOA/PFOS, cadmium, chorides, chromium, lead, mercury and viruses. The membrane is designed to can handle up to 2,000 PPM of TDS, influent.

The single-molded manifolds with four housings reduces potential leak points, making the system more efficient. The encapsulated filter cartridges are designed for quick and sanitary change-outs for fast and efficient servicing of the system. The post filter includes carbon and alkaline mineral media to raise the pH by up to 2.4 points. RO systems cause a pH to drop to 5.4, so the alkaline filter will raise the pH up to 7.8.

Atlas Filtri is driven to providing our customers with the best available products to meet specific filtration requirements. This is done by using the most advanced manufacturing and design methods. The international patents received come from a constant commitment to research and development that result in new and innovative products.

Check out more about Atlas Filtri at atlasfiltri.com.



Reverse Osmosis Water Purification System
OASIS QC RO | Part Number: REQCR0450

Features

- For use with encapsulated cartridges 2.5"OD
- Available in 10" length
- Lead free system design
- 3/8" inlet/outlet quick connect fittings
- 50 GPD membrane capacity
- Alkaline pH Adjustment cartridge
- 2,000 ppm max. TDS

Specifications

- **Materials:**
Head: Reinforced polypropylene
Cartridges: Reinforced polypropylene
O-rings: EPDM
- **Working Conditions:**
Max Water Pressure: 116 PSI (8 BAR)
Temperature Range: 39°F - 113°F (4°C - 45°C)

Certifications



This tank is tested and certified by NSF International against NSF/ANSI Standard 58 for material requirements only.

COMPONENT

PRODUCT SPECIFICATION AND PERFORMANCE

Change filters at minimum every 12 months and membrane every 36 months

OASIS Quick-Change RO Filter Cartridges:

Stage 1: Sediment Cartridge (Part #: REQTSED)

Stage 2: Carbon Block Cartridge (Part #: REQTCB)

Stage 3: Reverse Osmosis Membrane - 50 gpd, change-out every 36 months, max TDS influent 2,000 PPM (Part #: REQTTW50)

Stage 4: Polishing Carbon Block Cartridge (Part #: REQTPCB)

Stage 5: Alkaline Remineralizing Media (included in Polishing Carbon Block Cartridge)



Replacement Parts for Reverse Osmosis System

Part Number	Description
REQTSERP	Replacement Kit for REQCRO450 Includes: REQTSED (Sediment Cartridge), REQTCB (Carbon Block Cartridge), REQTPCB (Polishing Carbon Cartridge with Alkaline Remineralizing Media)
REQTTW50	Reverse Osmosis Membrane

Alkaline Filter Cartridges Raise pH by up to 2.4 points after Mineral Cartridge

pH after Membrane	Alkaline Increase	pH Results
5.2	2.4	7.6 pH
5.8	2.4	8.2 pH
6.2	2.4	8.6 pH

Do not use with water that is microbiologically unsafe or on unknown quality without adequate disinfection before or after the system.

Check out all of Atlas Filtri's various solutions and kits to meet the application requirement for your filtration needs at atlasfiltri.com



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