

EcoWater Systems – Drinking Water Filters

Reverse Osmosis Drinking Filter ERO375



Reverse Osmosis (RO) drinking water systems provide high-quality water for worry-free drinking or cooking. This state-of-the-art filter will improve the quality of water from wells or municipal water supplies.

Here's how it works:

- 1 Household water is directed through a prefilter for filtration to remove sediment, chlorine taste and odour, and particulate matter.
- 2 The water is then forced, by pressure, through a semi-permeable membrane where a high percentage of the dissolved solids, etc. are rejected and flushed to the drain.
- 3 Filtered water is reserved in the storage tank until needed. An activated carbon absorption block filter that removes tastes and odours polishes the water immediately before going to the tap.

Standard and Electronic Version

Features:

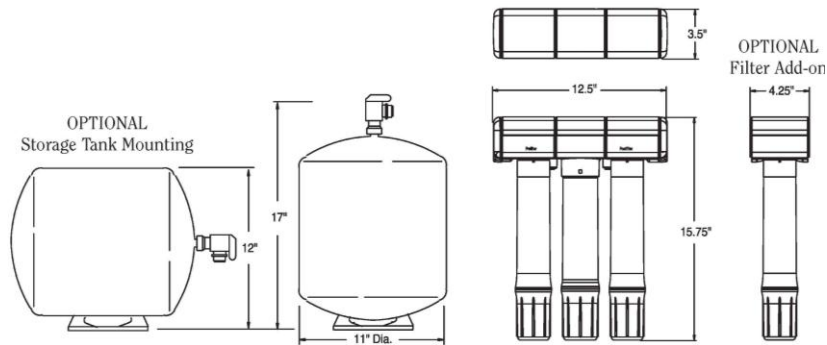
- Enclosed filters for quick, easy, twist on/off filter changes while keeping the filter clean and contaminant free
- Automatic flow shut-off when filters are removed
- Unique and elegant chrome tap finish
- Block carbon prefilter to remove sediment, chlorine taste and odour, and particulate matter
- Industry rated, 50 gallons per day, high-volume, semi-permeable membrane that rejects most dissolved solids (actual production will vary depending on water usage)
- Carbon postfilter to remove tastes and odours
- Automatic shut-off control to balance production of filtered water with your needs

Electronic Version only:

- Electronic monitor under tap that indicates when membrane/filters should be changed

ERO 375

DIMENSIONS



This drawing illustrates some of the customizable filter connection options the ERO 375 has to offer. Additional filter(s) may be added on to either side of standard unit.

- Optional sediment filter available
 - Optional NSF Certified VOC* filter available
- * VOC = Volatile Organic Compounds, 51 compounds in all, including MTBE, Atrazine, Benzene, Carbon Tetrachloride, 2,4-D, Toluene, Trihalomethanes, and Xylenes

Warranty:

- Five years on the reverse osmosis drinking water system for defects in material and workmanship, and 10 years on the storage tank.
- Exclusions to five years; one year on reverse osmosis membrane, and three years on tap and electronics.
- The service life of the membrane and filter cartridges is dependent on the feed water quality.
- Filters are not covered by the warranty.

SPECIFICATIONS

	ERO 375
<u>Feed water pressure (min.-max.)</u>	40-100 psi
<u>Feed water temperature (min.-max.)</u>	40-100°F
<u>Maximum Total Dissolved Solids (TDS)</u>	2,000 ppm
<u>Membrane percent rejection of TDS</u>	95%
<u>System product water production rate (gal. per day)*</u>	17.4
<u>Feed water pH limits</u>	4-11 Ph
<u>Maximum iron</u>	0
<u>Maximum hydrogen sulphide</u>	0
<u>Type of membrane</u>	thin film composite
<u>Pre-filter (sediment/chlorine)</u>	block carbon
<u>Post-filter (taste and odour)</u>	block carbon
<u>Optional:</u>	
<u>VOC filter</u>	block carbon
<u>Sediment filter</u>	polypropylene fibres
<u>High-flow membrane</u>	thin film composite
<u>Permeate pump adaptor</u>	
<u>Storage tank capacity</u>	3.1 gal.
<u>Automatic shut off valve</u>	yes
<u>Shipping weight</u>	22 lbs.

*Tested to NSF/ANSI Standard 58.

Typical impurities reduced by an EcoWater Reverse Osmosis Drinking Water System Model ERO 375 TFC System.

- Ammonia₁
- Arsenic
- Asbestos
- Barium
- Bicarbonate₁
- Bromide₁
- Cadmium
- Chloride₁
- Chromium (Hex)
- Chromium (Tri)
- Chlorine
- Copper
- Cysts (Giardia/Cryptosporidia)
- Lead
- Magnesium₁
- Nitrate/Nitrite
- Radium 226/228
- Selenium
- Sodium₁
- Sulfate₁
- Tannin₁
- TDS
- Turbidity
- Zinc₁

Tested and Certified to NSF/ANSI Standard 58 by NSF International. Rated at 50 psi, 77 F, 750 ppm/TDS, product to storage tank. Product water produced, amount of waste water and percent rejection will vary with changes in pressure, temperature and total dissolved solids. [†]Tested by Spectrum Labs, Inc. a state certified testing laboratory.

ERO 375: For chlorinated and non-chlorinated water supplies.

Chlorine levels must not exceed 2.0 ppm