Reverse Osmosis Drinking Water System

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 an RO Works:
1. Household water is directed through a prefilter for filtration to remove sediment, chlorine taste and odor, 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 odors polishes the water immediately before going to the faucet.

Features:
- Industry rated, 50 gallons per day membrane production rate, (actual production rate will vary depending on water usage and conditions).
- The filters are enclosed for cleanliness and ease of replacement.
- Changing filters does not require turning off the water, a simple 1/4 turn of the filter shuts off the water and the filter is released at the same time.

Options:
- Unique and elegant chrome or brushed nickel faucet styles.
- Optional electronic faucet indicates when filters and membrane need to be replaced.
- System is expandable if additional filters need to be added.
- Additional filter selections are available, including higher capacity sediment, or a Volatile Organic Compound (VOC) rated filter.
- The membrane can be upgraded to a 75 gallon per day membrane.
- Adaptor kits are available to easily add a permeate pump system, which provides improved flow rates at the faucet.
- Booster pump system available in applications where home pressure can drop below 40 PSI.

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### ERO 375 Reverse Osmosis Drinking Water System

**DIMENSIONS**

| Optional | Storage Tank Mounting |

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feed water pressure (min.-max.)</td>
<td>40-100 psi</td>
</tr>
<tr>
<td>Feed water temperature (min.-max.)</td>
<td>40-100°F/F4-38°C</td>
</tr>
<tr>
<td>Maximum Total Dissolved Solids (TDS)</td>
<td>2,000 ppm</td>
</tr>
<tr>
<td>Membrane percent rejection of TDS</td>
<td>92%</td>
</tr>
<tr>
<td>System product water production rate (gal. per day)*</td>
<td>17.4</td>
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<tr>
<td>Feed water pH limits</td>
<td>4-11 pH</td>
</tr>
<tr>
<td>Maximum iron</td>
<td>0</td>
</tr>
<tr>
<td>Maximum hydrogen sulfide</td>
<td>0</td>
</tr>
<tr>
<td>Type of membrane</td>
<td>thin film composite</td>
</tr>
<tr>
<td>Prefilter (sediment/chlorine)</td>
<td>block carbon</td>
</tr>
<tr>
<td>Postfilter (taste and odor)</td>
<td>block carbon</td>
</tr>
<tr>
<td><strong>Optional:</strong></td>
<td></td>
</tr>
<tr>
<td>VOC filter</td>
<td>block carbon</td>
</tr>
<tr>
<td>Sediment filter</td>
<td>polypropylene fibers</td>
</tr>
<tr>
<td>High-flow membrane</td>
<td>thin film composite</td>
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<tr>
<td>Permeate pump adaptor</td>
<td></td>
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<tr>
<td>Storage tank capacity</td>
<td>3.1 gal.</td>
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<tr>
<td>Automatic shut off valve</td>
<td>yes</td>
</tr>
<tr>
<td>Shipping weight</td>
<td>22 lbs.</td>
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</tbody>
</table>

*Tested to NSF/ANSI Standard 58.

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

- Ammonium
- Arsenic
- Barium
- Bicarbonate
- Bromide
- Cadmium
- Chloride
- Chromium (Hex)
- Chromium (Tri)
- Chloride Taste & Odor
- Copper
- Cysts (Giardia/Cryptosporidia)
- Fluoride
- Lead
- Magnesium
- Nitrate/Nitrite
- Radium 226/228
- Selenium
- Sodium
- Sulfate
- Tannin
- TDS
- Turbidity
- Zinc

1 Tested by Spectrum Labs, Inc. a state certified testing laboratory.

**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 faucet and electronics.
- The service life of the membrane and filter cartridges is dependent on the feedwater quality. Filters are not covered by the warranty.

**ER0 375: For municipal and well water supplies. Chlorine must not exceed 2.0 ppm.**

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EcoWater Systems is an eco-friendly company that uses sustainable practices and materials. Their products are certified by NSF International, ensuring high-quality performance and safety. They offer a wide range of solutions for various water needs, from residential to commercial applications. For more information, visit their website at ecowater.com.