



# Reverse Osmosis System

## ECOsmarte POE as Non-Salt PreTreatment

**1800 GPD Whole House RO**  
**\$6,495.00**

### Reverse Osmosis System

- Fully Equipped and Customizable
- Higher Recovery Rates
- Lower Energy Consumption
- High Flow Low Energy Membranes
- Lower Maintenance
- Compact Space Saving design
- Individually Wet Tested and Sanitized
- 1 Year Limited Warranty
- Made in the U.S.A.



NOTE: ECOsmarte recommends TWO of these as a redundant package with 1 ECOsmarte POE PreTreatment.  
(10% OFF 2nd RO unit)

### Accessories Required

Requires holding tank, float switch, repressurization pump and plastic piping.

These units work best on plastic or stainless steel piped homes as the product water is often low TDS and corrosive.

### Standard Features

- **Membrane:** One 4" x 40" Champ™ Membrane Housings - Feature a patented design and require no tools when servicing.
- **Pump & Motor:** One Goulds® 3 HP 18 GPM Multistage Pump and Motor 220/380/460 50 or 60 Hertz 1 or 3 Phase CSA, CE and RU (UL recognized) - Designed for continuous high pressures.
- **Frame:** One Aluminum White Powder Coated Frame - Corrosion resistant and light weight.
- **Bag Filter:** one 18" FSI® 10 Micron Bag Filter - Removes sediments and protects the system.
- **Sediment Filter:** One 4.5" x 20" Big White 5 Micron Polypropylene Filter - Removes sediments and protects the system.
- **Filter Housing:** One 4.5" x 20" Big Grey Double O-Ring Filter Housing - Offers durability and improved sealing capabilities.
- **Pressure Gauges:** Two PuroTech™ 2.5" 0-300 PSI Panel Mount Glycerin Filler Gauges and Two PuroTech™ 1.5" 0-160 PSI Top Mount Dry Gauges - For monitoring the system's operating pressure and the filter operating pressure.
- **Low Pressure Switch:** One Square D® Low Pressure Switch - Safety device which protects the pump from running dry when there is insufficient feed water pressures.
- **Solenoid Valve:** One Solenoid Valve with Manual Override UL Approved - Assists with the on/off functionality of the system.
- **Concentrate Valve:** One 3/4" SS Globe Valve - Regulates the system's recovery (product to waste ratio).
- **Computer Controller:** One S-150 Computer Controller (UL listed) with on/off switch, built-in TDC monitor, pre-treat lockout, tank full contacts, low pressure monitoring and alarm.
- **Flow Meters:** One Product (0-10 GPM) & One Waste (0-10 GM) Purotech™ Flow Meters - Enables operator to accurately adjust product to waste ratio and monitor systems performance.
- **Easy Maintenance & Operation:** Titan™ reverse osmosis systems feature a compact design, are pre-plumbed, pre-wired, and have all of their components strategically located for easy access and inspection.

### IDEAL FOR

- HIGH Sodium
  - HIGH Chloride
  - HIGH Calcium
- (1,000 ppm and above)

**Whole House Reverse Osmosis, Redundant (Two 1800 GPD Systems Recommended with one pretreatment package).**

Non-Salt, Non-RO Systems available for Arsenic or Nitrates