



CRO 350 ECONO
Reverse Osmosis Unit

REVERSE OSMOSIS SYSTEMS - THE ECONOMY SERIES

Don't let the word *economy* fool you...these units are packed with more standard features than the competition's deluxe units. Check out the list of standard features and options below at affordable prices.



- **Superior Design**
- **Superior Performance**
- **Years of Trouble-Free Operation**

Operating Parameters

- Permeate Flow: 0.24 usgpm @ 25 deg C
- Concentrate Flow: 0.24 usgpm @ 25 deg C
- Recycle Flow: 0.8 usgpm @ 25 deg C
- Feed Flow: 0.48 usgpm @ 25 deg C
- Operating Pressure: 200 psi
- Recovery: 50%
- Rejection: 98% average

Dimensions

- Height: 29"
- Width: 28"
- Depth: 16"
- Approx. Weight: 50 lbs

Features

- Low energy membranes reduces horse power requirements and operating costs
- 5 micron pre filter
- Automatic inlet shut off solenoid valve
- Pre filter and membrane pressure gauges
- Waste Water Recycle kit for maximum water savings
- Low pressure shut off for maximum pump protection
- Thermal motor protection
- 10" Cartridge with 5 micron filter

Booster Pump

- Procon Vane Pump 115 gph – 1/2 HP. 115/240 Volt, Single Phase. Rated at 0.5 usgpm @ 370 ft/hd

Materials of Construction

- Frame: **Epoxy coated carbon steel**
- Membrane Vessel: **PVC**
- Inlet Plumbing: **Sch 80 PVC and Brass**
- High Pressure, Permeate and Concentrate Plumbing: **High Density FDA Approved Polyethylene tubing with compression brass fittings**
- Control Enclosure: **NEMA 1**

Membranes

- Membrane Element Model: **Osmonics AK2521FF**
- Number of Membranes: **1**
- Membrane Array: **1**
- Membrane Vessel: **White PVC c/w Stainless U-Pins rated at 225 psi**
- Number of Membrane Vessels: **1**

Installation Requirements

- Inlet: **3/4" - FIP**
- Permeate: **3/8"**
- Concentrate: **3/8"**
- Inlet Pressure: **30 psi minimum**
- Inlet Flow: **0.48 usgpm**
- Motor Power: **115 Volt – 15 Amp, Single phase, 60 HZ**

Options

- High Quality Product, Waste and Recycle Flow Meters
- Auto Flush
- Deluxe Electrical Box c/w indicator lights
- Digital TDS Meter
- CSA Approval
- High Rejection Membranes (99.6%)
- Stainless Steel Vessels