

REVERSE OSMOSIS SYSTEMS - THE ECONOMY SERIES

ECRO 4040-1



*Unit may not be exactly as shown

Operating Parameters

Permeate Flow:	1.38 usgpm @ 25 deg C
Concentrate Flow:	1.38 usgpm @ 25 deg C
Recycle Flow:	1.24 usgpm @ 25 deg C
Feed Flow:	2.76 usgpm @ 25 deg C
Operating Pressure:	200 PSI
Recovery:	50%
Rejection:	98% average

Dimensions

Height:	29"
Width:	44"
Depth:	16"
Weight:	100 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

- Multi Stage Booster Pump
- Optional 3 Phase Power

Materials of Construction

- Frame: Epoxy Coated Carbon Steel
- Membrane Vessel: Stainless Steel
- 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

Options

- High Quality Product, Waste & Recycle Flow Meters
- Permeate Flush
- Feed Water Flush
- Deluxe Electrical Box c/w indicator lights
- Digital TDS Meter
- CSA Approval
- High Rejection Membranes (99.6%)
- Stainless Steel Pump

Membranes

- Membrane Element Model: Osmonics AK4040FF
- Number of Membranes: 1
- Membrane Array: 1
- Membrane Vessel: Stainless Steel
- Number of Membrane Vessels: 1

Installation Requirements

- Inlet: 3/4" - FPT
- Permeate: 1/2"
- Concentrate: 1/2"
- Inlet Pressure: 30 psi minimum
- Motor Power: Optional