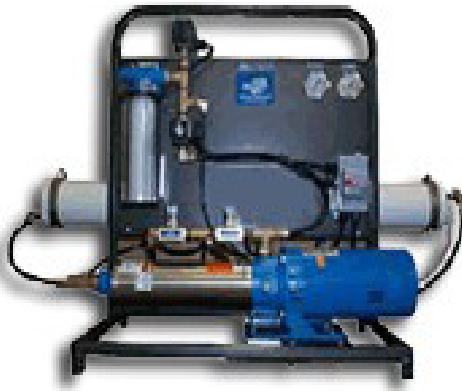


### REVERSE OSMOSIS SYSTEMS - THE ECONOMY SERIES

#### 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