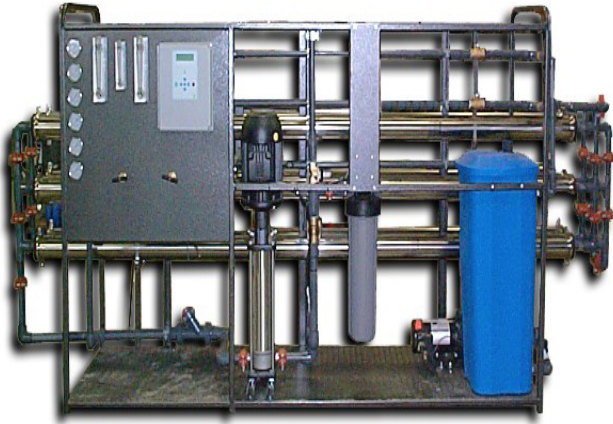


### REVERSE OSMOSIS SYSTEMS - THE COMMERCIAL SERIES

#### CRO 4040-30



\*Unit may not be exactly as shown

#### Features

- Low Energy Membranes reduces horse power requirements and operating costs
- 5 Micron Big Blue Pre Filter Housing
- Automatic Inlet Shut Off Solenoid Valve
- Permeate, Recycle and Concentrate Flow Meters
- Pre Filter, Post Filter, Membrane Pressure Gauges
- Stage Pressure Gauges
- Waste Water Recycle Kit for maximum water savings
- Low Pressure Shut Off for maximum pump protection
- Thermal Motor Protection
- 20" Cartridge with 5 Micron Filter

#### Booster Pump

- Multi Stage Booster Pump
- Optional 3 Phase Power
- \*For warmer water applications please call your Sapphire Water dealer

#### Materials of Construction

- Frame: Epoxy Coated Carbon Steel
- Membrane Vessel: Stainless Steel
- Inlet Plumbing: Sch 80 PVC and Brass
- Control Enclosure: R & D Specialties - Series 100
- High Pressure, Permeate and Concentrate Plumbing: Sch 80 PVC

#### Operating Parameters

Permeate Flow:	25 usgpm @ 5 deg C
Concentrate Flow:	8.30 usgpm @ 5 deg C
Recycle Flow:	0 usgpm @ 5 deg C
Feed Flow:	33.3 usgpm @ 5 deg C
Operating Pressure:	200 PSI @ 5 deg C
Recovery:	75%
Rejection:	98% average
Operating Temp:	3-30° C

#### Dimensions

Height:	65"
Width:	135"
Depth:	35"
Weight:	650 lbs

#### Options

- Permeate Flush Feed Water Flush
- Pre -Treat Lock out
- Digital TDS Meter
- CSA Approval
- High Rejection Membranes (99.6%)
- Stainless Steel Pump
- Clean in place System

#### Membranes

- Membrane Element Model: Osmonics AK4040FF
- Number of Membranes: 30
- Membrane Array: 4-3-2-1
- Membrane Vessel: Stainless Steel
- Number of Membrane Vessels: 10

#### Installation Requirements

- Inlet: 1½" - FPT
- Permeate: 1¼"
- Concentrate: 1"
- Inlet Pressure: 30 psi minimum
- Motor Power: Optional