

Water Treatment

PR100-SWRO

PR Water Treatment Sea Water Reverse Osmosis Membrane

PR PROJECT RENTALS

Sales and Rental Solutions

System Features

- SWRO PR Water-Flo membrane cartridge
- Electrical control panel with PLC and D.O.L./frequency controller
- Feed and high pressure pumps
- Emergency recovery unit
- 1um guard-filters
- Manual & electrical solenoid
- Pressure gauges, flow meters
- Permeate conductivity meter
- System on racking, PVC and stainless steel piping
- C.I.P. setup with tank



- ✓ Fully automated
- ✓ Easy operation and maintenance
- ✓ Use as a stand alone system or in conjunction with the PR Water Clarification units
- ✓ NO chemicals required for solids separation

Technical Data

PR Water Treatment Sea Water Reverse Osmosis Membrane	
Configuration	Spiral-wound, FRP wrapping
Type	TFC (Thin Film Composite)
Material	PA (Polyamide)
Membrane Size	Diameter 8"x Length 40"
Effective Area	365 sq ft/membrane
Recovery	35-45%
Operating Temperature	<50° C
Operating Pressure	<70 Bar
Flow Rate	Single Membrane 0.5 m ³ /h
Feed Max. Turbidity	< 1.0 NTU *
pH Range	3-10
Chlorine Concentration	<0.1ppm
Electrical Power	400v, 50Hz, Three Phase

Contact Project Rentals today for your water solution requirements

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