

Sea Water Reverse Osmosis System SWRO-10



Standard features

- SWRO membrane cartridges x 4
- Electrical control panel
- Feed and Hi-Pressure Pumps
- 20" Big Blue Prefilter x 2
- Control Valve
- Pressure Gauges, Flow Meters
- Permeate Conductivity Meter
- System on Racking, PVC & Stainless Steel Piping
- C.I.P setup with Tank

Membrane Specification

Type	TFC (Thin Film Composite)
Material	PA (Polyamide)
Configuration	Spiral-Wound, FRP wrapping
Membrane Size	Diameter 4" x Length 40"
Effective Area	74 sq ft per membrane
Flow Rate	0.1 m ³ per hour per membrane
Flow Capacity	10 m ³ per day

SWRO System & Operating Limit

Recovery	35 ~ 45 %
Operating Temperature	< 50 °C
Operating Pressure	< 70 Bar
Electrical Power	440V / 50Hz / 3 phase
pH range	3 ~ 10
Feed Max. Turbidity	< 1.0 NTU
Chlorine Concentration	< 0.1ppm
Dimension	1.77m (H) x 1.15m (L) x 0.65m (W)
Weight	250 kg



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