

Sea Water Reverse Osmosis System SWRO-10



System includes:

- 4 x SWRO 4040 membrane
- Electrical control panel with PLC and DOL starter
- Feed and Hi-Pressure Pumps
- 2 x Guard Filters (1 micron)
- 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/membrane |
| Flow Rate | 0.1 m ³ /h/membrane |
| Flow Capacity | 10 m ³ /day |

SWRO System & Operating Limit:

| | |
|-------------------------------|-----------------------------------|
| Recovery | 35 ~ 45 % |
| Operating Temperature | < 50 °C |
| Operating Pressure | < 70 Bar |
| Electrical Power | 415V / 50Hz / 3ph |
| pH range | 3 ~ 10 |
| Feed Max. Turbidity | < 1.0 NTU |
| Chlorine Concentration | < 0.1pm |
| Dimensions | 1.77m (H) x 1.15m (L) x 0.65m (W) |
| Weight | 250 kg |

Note: UltraPure Private Limited reserves the right to make any changes to the information provided above without prior notice



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