

Ultra-Flo® SWRO-10

Sea Water Reverse Osmosis (RO) System



System includes:

- 4 x SWRO (Ultra-Flo 4040) membrane
- Electrical control panel with PLC and DOL starter
- Feed and Hi-Pressure Pumps
- 2 x UF (Ultra-Flo BT420) membrane pre-treatment and 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

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: Ultra-Flo Pte Ltd reserves the right to make any changes to the information provided above with prior notice

Membrane Specifications:

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

Authorized distributor & stockist:



ULTRAPURE PRIVATE LIMITED
(subsidiary of Ultra-Flo Pte Ltd)
122A Joo Chiat Road, Singapore 427411
Tel: (65) 64403680 Fax: (65) 64403679
Email: info@ultrapure.com.sg
Website: www.ultrapure.com.sg



International
Water Association

Ultra-Flo Pte Ltd
2 Tuas Avenue 10
Singapore 639126
Tel: +65 6457 7533
Fax: +65 6457 7517