

# Ultra-Flo<sup>®</sup> SWRO-20

## Reverse Osmosis (RO) Membrane System



### SWRO System & Operating Limit :

Recovery	35 ~ 45 %
Operating Temp	< 50° C
Operating Pressure	< 70 Bar
Electrical Power	3 x 415V/ 50Hz
Max. SDI (15min.)	< 5.0
pH range	3 – 10
Feed Max. Turbidity	< 1.0 NTU
Chlorine Concentration	< 0.1pm

*Note: Any of the above mentioned component is subjected to change without prior notice.*

### Membrane Specifications :

Type	TFC (Thin Film Composite)
Material	PA (Polyamide)
Charge	Negative
Configuration	Spiral-Wound, FRP Wrapping
Membrane Size	Diameter 8" x Length 40"
Effective Area	365 sq ft/membrane
Flow Rate	0.4 ~ 0.5 m <sup>3</sup> /hr/membrane
Flow Capacity	20 m <sup>3</sup> /day

### System includes:

- RO membrane modules
- Electrical control panel with PLC and D.O.L. / Frequency-Controller
- Feed and Hi-Pressure Pumps
- 1µm Guard-Filters
- Manual & Electrical Solenoid Control Valve
- Pressure Gauges, Flow Meters
- Permeate Conductivity Meter
- System on Racking, PVC & Stainless Steel Piping
- C.I.P setup with Tank



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