

Ultra-Flo[®] MU01-8 Demo

Hollow Fibre Ultra-Filtration Membrane



System includes:

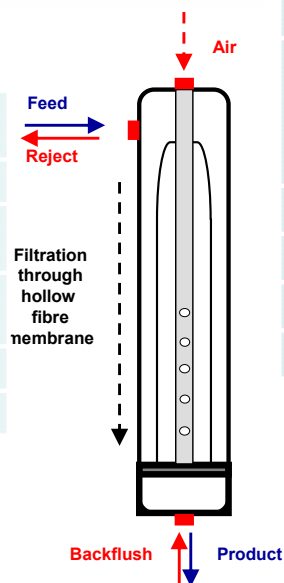
- U860 Ultra-Flo[®] membrane cartridge (1 cartridge)
- Feed and Backflush Pumps
- 2 electrical control valves
- Feed, Air and Backflush Pressure Gauges
- Product Flow Meter
- Air-scouring Blower
- Stainless Steel Frame
- PVC Piping, Hoses and Quick couplings
- Electrical Control Panel with PLC
- Demonstration Tank (Transparent)

Systems & Operating Specifications:

| | |
|---------------------------------|--|
| Operation Process | Dead-end filtration (out to in) Air scouring with backflush (in to out) |
| Recovery | 90 ~ 95 %* |
| Operating Temperature | < 50° C |
| Operating Pressure (TMP) | < 8 psi (Feed) <14 psi (Backflush) |
| Flow Rate | |
| City water | 3.0 m ³ /h (36gfd)* |
| River/Borehole Water | 2.0 m ³ /h (24gfd)* |
| Treated Wastewater | 1.5 m ³ /h (18gfd)* |
| Product Turbidity | < 0.1 NTU * |
| Electrical Power | 230/110V; 50/60Hz; 5/10A; Single Phase |
| Dimensions | 01.3m (L) x 0.9m (W) x 2.0m (H) |
| Weight | 120 kg |

U860 Cartridge Specifications:

| | |
|---------------------|---------------------------------------|
| Material | Modified Polyacrylonitrile (PAN) |
| Fiber Size | 2.0mm (Outer Diameter) |
| Surface Area | 520 sq ft |
| pH | 3 ~ 9 (Operating) 2 ~ 11 (Washing) |
| Dimensions | 8 " Diameter x 60 " Length |
| Weight | 40 kg |



* Subject to feed water condition

Note: Ultra-Flo Pte Ltd reserves the right to make any changes to the information provided above without prior notice.



International
Water Association

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