

# Ultra-Filtration (UF) System - MUP

## U770 Hollow Fibre UF Membrane



### System includes:

- U770 Ultra-Filtration membrane cartridges with inserts
- 1x Feed pump
- 1x Set of actuated valves and 1x set of manual valves
- Electrical control panel (for automated system)
- 3x Pressure gauges
- 1x Rotameter
- Stainless or epoxy coated steel frame
- PVC piping, hoses and quick couplings

Optional Supply: Air compressor and product tank

### Specification\*

Configuration	Hollow fibre with inserts PAN / PVDF / PTFE
Filtration (Out-to-In)	Dead-end filtration; Cross-flow filtration
Re-generation	Backwash purge / CIP
Recovery	> 95%
Operating temperature	< 50°C
Maximum pressure	< 3 bar
Flow rate per cartridge	City water: 1.7 - 2.2 m <sup>3</sup> /hr River / bore water: 1.4 - 1.9 m <sup>3</sup> /hr Treated waste water: 0.7 - 1.2 m <sup>3</sup> /hr
Product turbidity	< 1 NTU
Electrical power	400V / 50 Hz / 60 Hz; Three phase

\*Subject to feed water condition

### Dimensions (meter), weight (kg)

MUP 20-770	1.4 (L) x 1.8 (W) x 2.7 (H), 1200 kg
MUP 50-770	2.8 (L) x 1.8 (W) x 2.7 (H), 2500 kg
MUP 100-770	5.5 (L) x 1.8 (W) x 2.7 (H), 5000 kg
MUP 200-770	11.0 (L) x 1.8 (W) x 2.7 (H), 10000 kg