

Submersed Ultra-Filtration (UF) System

U765 Hollow Fibre UF Membrane



System includes:

- U765 Ultra-Filtration membrane cartridges
- 1x Suction pump
- 1x Set of control valves
- 1x Set of manifolds
- 1x Pressure or suction gauge
- 1x Rotameter
- Stainless or epoxy coated steel frame
- PVC piping, hoses and quick couplings

Optional Supply: Air compressor, feed tank, and/or product tank

Specification*

Configuration	Hollow fibre with inserts PAN / PVDF submersed & braided
Operation process	Out-to-In
Re-generation	Air pulse / CIP
Recovery	> 95%
U765 surface area	45 m ² (484 square feet) / membrane
Operating temperature	< 50°C
Operating pressure	< 0.5 bar - Suction; < 1 bar - Backflush
Flow rate / Cartridge	River / bore water: 1.5 - 1.8 m ³ /hr Treated waste water: 0.5 - 1 m ³ /hr MBR: 0.3 - 0.8 m ³ /hr
Product turbidity	< 1 NTU
Electrical power	400V / 50 Hz / 60 Hz; Three phase

*Subject to feed water condition

Dimensions (meter), dry weight (kg)

MUP 12**-765	1.8 (L) x 0.6 (W) x 2.0 (H), 400 kg
MUP 24**-765	1.8 (L) x 1.2 (W) x 2.0 (H), 800 kg

**Number of cartridges per rack