

Ultrafiltration Membrane System MU1-850

- Complete standalone, plug-and-play system with valve for backflushing
- Filters brackish water from bore holes, wells & rivers into clean, bacteria-free water
- Treats waste water for recycling, reuse or to meet discharge standards



Standard Features

- 1 x UltraPure U850 ultrafiltration membrane cartridge
- Control valves
- Product flow meter
- Feed and Backflush pressure gauges
- Feed and Backflush pumps (optional)
- Hoses and Quick couplings (optional)
- Auto control panel with electric solenoid valve (optional)

< 0.1 micron hollow fibre ultrafiltration (UF) membrane reduces:

- ✓ Sediment
- ✓ Dirt
- ✓ Rust
- ✓ Bacteria
- ✓ Cyst

Application

- Whole house, factories, offices, workshops and dormitories
- Construction site Earth Control Measures (ECM)
- Aquaculture and fish farm
- Swimming pool
- Pre-treatment to RO
- Emergency/Disaster relief efforts
- Rural villages/Schools/Orphanage/Mosque/Church/Temples

Specification

Configuration	Hollow Fibre (Out-to-In Filtration)
Material	Hydrophilic modified PAN
Fibre Size (ID / OD)	1.0mm / 1.8mm
Surface Area	45 sq metre / 480 sq ft
Operating Pressure	< 1 bar - Feed; < 3 bar - Backflush
Maximum Pressure	< 5 bar
Operation Process	Dead-end filtration (Out-to-In); Backflush (In-to-Out)
Flow rate per cartridge:	
City water	+/- 2000 litres per hour *
River/ Bore	+/- 1500 litres per hour *
Treated waste water	+/- 500 litres per hour *
Electrical power	230V 50Hz single phase
Dimension (cm)	50 (L) x 50 (W) x 160 (H)
Weight	50 kg

* Subject to feed water condition



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