

# PR10-M

## PR Water-Flo Filtration Membrane



### KEY FEATURES AND BENEFITS

- U860 PR Water-Flo membrane cartridge (10 cartridges)
- Feed and backflush pumps
- 2 control valves
- Feed, air and backflush pressure gauges
- Product flow meter
- Air-scouring configuration
- Stainless steel frame
- PVC piping, hoses and quick couplings
- Electrical control panel with PLC

### TECHNICAL DATA

#### SPECIFICATIONS

<b>Configuration</b>	Hollow Fibre
<b>Operation Process</b>	Dead-end filtration (Out to in) Air scouring with backflush (In to out)
<b>Recovery</b>	90-95% *
<b>Operating Temperature</b>	<50° C
<b>Operating Pressure (TMP)</b>	<8 psi (Feed) <14psi (Backflush)
<b>Flow Rate</b>	Single Membrane
<b>City Water</b>	4.0 m <sup>3</sup> /h (56gfd) *
<b>River/Bore</b>	2.5 m <sup>3</sup> /h (35gfd) *
<b>Treated Wastewater</b>	1.5 m <sup>3</sup> /h (21gfd) *
<b>Product Turbidity</b>	< 0.1 NTU *
<b>Electrical Power</b>	400v, 50Hz, 9A, Three Phase
<b>Dimensions</b>	3.0x1.2x2.2m
<b>Weight</b>	700kg

\* Subject to feed water condition.



- ✓ Fully automated
- ✓ Easy operation and maintenance
- ✓ Use as a stand alone system or in conjunction with the PR Water Clarification units
- ✓ NO chemicals required for solids separation

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