

Ultra-Flo™ M-Systems

Hollow Fibre Ultra-Filtration Membrane Systems



M-02
2m³/hr



M-04
4m³/hr



M-06
6m³/hr



M-14
14m³/hr



M-20
20m³/hr



M-30
30m³/hr

Operating Perimeter

- Configuration : Capillary Type (In-to-out)
- Material : Hydrophilic Modified PAN
- Fibre Size : ID 1.2mm ~ OD 2.1mm
- Operating Temp : 50° C Max
- Membrane Casing : Length 60" x Diameter 6" (each)
- Operation : Dead End & Cross Flow with Back-flush
- Flow Rate (each) : 1.0 – 1.5 m³/hr
- pH range : 2 – 12
- Electrical Power : 220 or 415VAC, 50 Hz
- Product Turbidity : 0.1 NTU
- Recovery Ratio : > 95 %
- Air Compressor : (Optional) 3 Bar

System includes :

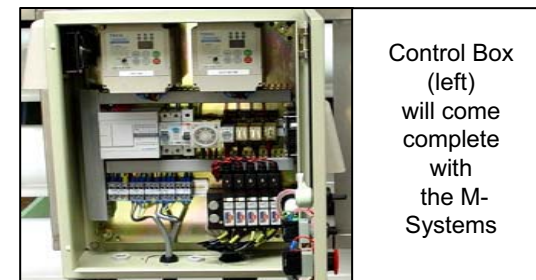
- ❖ Ultra-Flo™ membrane
- ❖ Stainless Steel Racking
- ❖ Schedule 80 Piping
- ❖ Permeate Hoses and Clips
- ❖ Quick Couplings
- ❖ Feed Pump & Back-flush Pump
- ❖ Air Directional Control Valves
- ❖ Flow Meter
- ❖ 3 Pressure Gauges (2 Bar)
- ❖ Filter Bags & Assembly (Optional)

Control Panel includes :

- ❖ PLC unit with Timer
- ❖ Frequency and Air Controllers

Features:

- ❖ High System Recovery
- ❖ Automation with PLC
- ❖ Back-flushing System Included
- ❖ Stainless Steel Frame
- ❖ Compact Design with Small Footprint
- ❖ Accessibility for Usage & Maintenance
- ❖ Full System Piping Configuration
- ❖ Standardised Design to Reduce Overall System Cost



Control Box (left) will come complete with the M-Systems