



PRODUCT SPECIFICATION

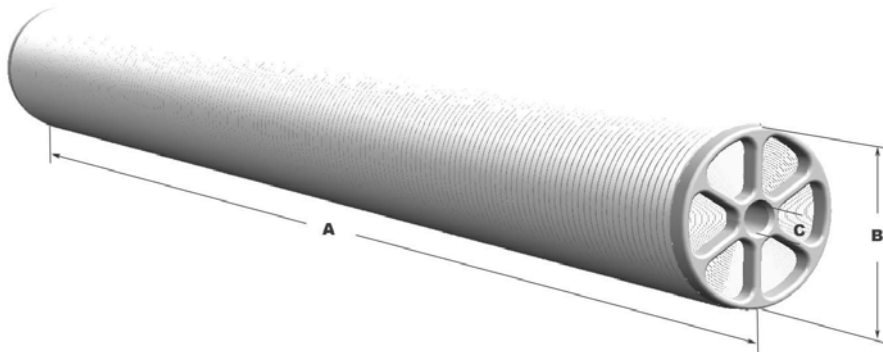
4" ACM RO Turboclean Element

| Model | Permeate flow GPD (m3/day)* | Average Salt Rejection (%) | Minimum Salt Rejection (%) |
|-------------|--------------------------------|-------------------------------|-------------------------------|
| 4040-M2P3U5 | 2,400 (9.0) | 99.50 | 98.50 |

Performance is based on the following test conditions: 2,000.00 ppm NaCl, 225.00 psi, 25°C, 15% recovery, pH 8.00, 30 minutes operation.

OPERATIONAL AND DESIGN DATA

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| Membrane Type..... | ACM Fully Aromatic Polyamide Advanced Composite Membrane |
| Configuration..... | Spiral Wound, Turboclean Shell |
| Active Membrane Area..... | 85 ft ² (7.9 m ²) |
| Recommended Applied Pressure..... | 100 - 300 psi (7 - 21 bar) |
| Maximum Applied Pressure..... | 600 psi (41 bar) |
| Recommended Operating Temperature..... | 35 - 113°F (2 - 45°C) |
| Feedwater pH Range..... | 2 - 11 continuous |
| Chlorine Tolerance..... | <0.1 ppm |
| Maximum Feed Flow..... | 20 GPM (4.5 m3/hr) |
| Minimum Brine Flow/Permeate Flow Ratio.... | 5:1 |
| Maximum SDI (15 minutes) | 5.0 |
| Maximum Turbidity..... | 1 NTU |
| Application..... | Dialysis Make up Water |



Element Weight : 15 (7)
 Length (A) : 40.00 (1,016) Diameter (B) : 4.00 (101) Permeate Tube (C) : 0.62 (15.9)
 Units in pounds and inches, units in paranthesis in kilograms and millimetres.
 Mechanical Configuration: Desal/DuPont Style Core Tube
 Feed Spacer: 0.031" thick diamond spacer

* Permeate flow is clean water flux at standard conditions above. Not applicable for all feedwater conditions. Individual element's permeate flow may vary +/- 15%.



Engineered Membrane
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