



PRODUCT SPECIFICATION

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8" ACM-LP Low Pressure RO Element Series

| Model | Permeate flow GPD (m3/day)* | Average Salt Rejection (%) | Minimum Salt Rejection (%) |
|----------------|--------------------------------|-------------------------------|-------------------------------|
| 8040-ACM4-TSAN | 14,600 (55.0) | 99.00 | 98.00 |

Performance is based on the following test conditions: 2,000.0 ppm NaCl, 225.0 psi, 25°C, 15% recovery, pH 8.0, 30 minutes operation.

OPERATIONAL AND DESIGN DATA

| | |
|--|---|
| Membrane Type..... | ACM-LP Fully Aromatic Polyamide Low Pressure Advanced Composite |
| Configuration..... | Spiral Wound, Fiberglass Outer Wrap |
| Active Membrane Area..... | 365 ft ² (33.5 m ²) |
| Recommended Applied Pressure..... | 50 - 300 psi (3 - 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..... | 80 GPM (18 m3/hr) |
| Minimum Brine Flow/Permeate Flow Ratio.... | 5:1 |
| Maximum SDI (15 minutes) | 5.0 |
| Maximum Turbidity..... | 1 NTU |



Element Weight : 45 (20)
 Length (A) : 40.0 (1,016) Diameter (B) : 7.9 (200) Permeate Tube (C) : 1.50 (38.1)
 Units in pounds and inches, units in paranthesis in kilograms and millimetres.
 Mechanical Configuration: TriSep 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%.



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