



PRODUCT SPECIFICATION

8" TS80 NF High Temperature Turboclean Element

| Model | Permeate flow GPD (m3/day)* | Average Salt Rejection (%) | Minimum Salt Rejection (%) |
|-------------|--------------------------------|-------------------------------|-------------------------------|
| 8040-M7Q1T9 | 9,000 (34.0) | 99.00 | 97.00 |

Performance is based on the following test conditions: 2,000.00 ppm MgSO₄, 110.00 psi, 25°C, 15% recovery, pH 8.00, 30 minutes operation.

OPERATIONAL AND DESIGN DATA

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|--|---|
| Membrane Type..... | ANM Aromatic Polyamide Advanced Nanofiltration Membrane |
| Configuration..... | Spiral Wound, High Temperature, Turboclean Shell |
| Active Membrane Area..... | 355 ft ² (32.6 m ²) |
| Recommended Applied Pressure..... | 40 - 200 psi (3 - 14 bar) |
| Maximum Applied Pressure..... | 600 psi (41 bar) |
| Recommended Operating Temperature..... | 35 - 140°F (2 - 60°C) |
| Feedwater pH Range..... | 2 - 11 continuous |
| Chlorine Tolerance..... | <0.1 ppm |
| Maximum Feed Flow..... | 80 GPM (18 m ³ /hr) |
| Minimum Brine Flow/Permeate Flow Ratio.... | 5:1 |
| Maximum SDI (15 minutes) | 5.0 |
| Maximum Turbidity..... | 1 NTU |
| Application..... | Wine Clarification |



Element Weight : 45 (20)
 Length (A) : 40.00 (1,016) Diameter (B) : 7.90 (200) Permeate Tube (C) : 1.12 (28.6)
 Units in pounds and inches, units in paranthesis in kilograms and millimetres.
 Mechanical Configuration: Filmtec 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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