



PRODUCT SPECIFICATION

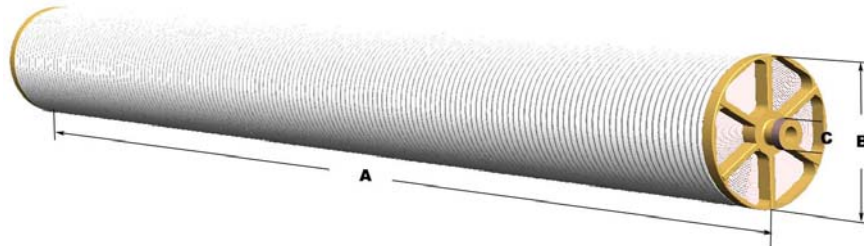
3.8" AUM High Temperature UF Turboclean Element

| Model | Permeate flow GPD (m3/day)* | M.W.C.O. |
|-------------|--------------------------------|----------|
| 3840-N6D9V7 | 1,650 (6.0) | 10,000 |

Performance is based on the following test conditions: 500.0 ppm PEG, 30.0 psi, 25°C, 15% recovery, pH 8.0, 30 minutes operation.

OPERATIONAL AND DESIGN DATA

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| Membrane Type..... | AUM Advanced Ultrafiltration Membrane |
| Configuration..... | Spiral Wound, Turboclean Shell |
| Active Membrane Area..... | 41 ft ² (3.8 m ²) |
| Recommended Applied Pressure..... | 5 - 200 psi (0.3 - 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..... | 10.0 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..... | Whey Fractionation |



Element Weight : 12 (5.4)
 Length (A) : 38.8 (984) Diameter (B) : 3.8 (96) Permeate Tube (C) : 0.83 (21.2)
 Units in pounds and inches, units in paranthesis in kilograms and millimetres.
 Mechanical Configuration: Sanitary Style Core Tube
 Feed Spacer: 0.065" 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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