PRODUCT SPECIFICATION

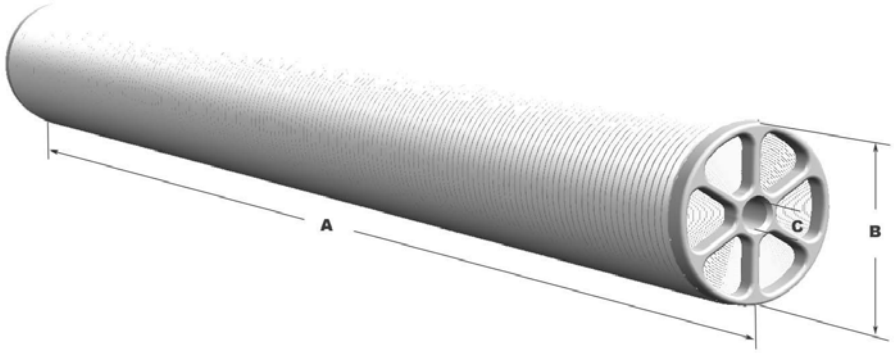
4" AMM MF High Temperature Turboclean Element

Model	Permeate flow GPD (m3/day)*	Pore Size
4040-N5Q1V9	2,700 (10.0)	0.2 microns

Permeate flow is based on the clean water flux at the following test conditions: 10.00 psi, 25°C, pH 8.00, 15% recovery, 15 minutes operation.

OPERATIONAL AND DESIGN DATA

Membrane Type	AMM Advanced Microfiltration Membrane
Configuration	Spiral Wound,Turboclean Shell
Active Membrane Area	67 ft² (6.2 m²)
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	25 GPM (5.6 m3/hr)
Minimum Brine Flow/Permeate Flow Ratio	5:1
Maximum SDI (15 minutes)	5.0
Maximum Turbidity	1 NTU
Application	Wine Clarification



Element Weight : 12 (5.4)

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 millimetes.

Mechanical Configuration: Desal/DuPont Style Core Tube

Feed Spacer: 0.046" 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 SOLUTIONS

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