



# PRODUCT SPECIFICATION

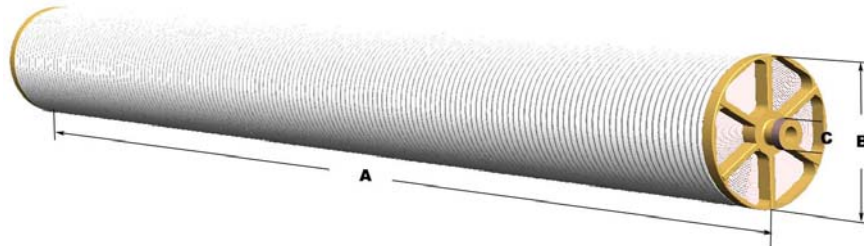
## 3.8" AUM High Temperature UF Turboclean Element

Model	Permeate flow GPD (m3/day)*	M.W.C.O.
3840-N6D9V9	2,150 (8.0)	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

Membrane Type.....	AUM Advanced Ultrafiltration Membrane
Configuration.....	Spiral Wound, Turboclean Shell
Active Membrane Area.....	54 ft <sup>2</sup> (5.0 m <sup>2</sup> )
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: 0.045" 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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