



# PRODUCT SPECIFICATION

## 8" AUM Ultrafiltration Element Series

Model	Permeate flow GPD (m3/day)*	M.W.C.O.
8040-N7E6X7	15,000 (56.0)	100,000

Performance is based on the following test conditions: 500.00 ppm Dextran, 30.00 psi, 25°C, 15% recovery, pH 8.00, 30 minutes operation.

### OPERATIONAL AND DESIGN DATA

Membrane Type.....	AUM Advanced Ultrafiltration Membrane
Configuration.....	Spiral Wound, Fiberglass Outer Wrap
Active Membrane Area.....	270 ft <sup>2</sup> (24.8m <sup>2</sup> )
Recommended Applied Pressure.....	20 - 200 psi (1.4 - 14 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.....	10.0 ppm
Maximum Feed Flow.....	95 GPM (22 m3/hr)
Minimum Brine Flow/Permeate Flow Ratio....	5:1
Maximum SDI ( 15 minutes) .....	5.0
Maximum Turbidity.....	1 NTU
Application.....	Beverage Water Make Up



Element Weight :      40 (18)  
 Length (A) :          40.00 (1,016)      Diameter (B) :      7.90 (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:                      0.047" thick parallel 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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