PRODUCT SPECIFICATION

4" AUM Ultrafiltration Element Series

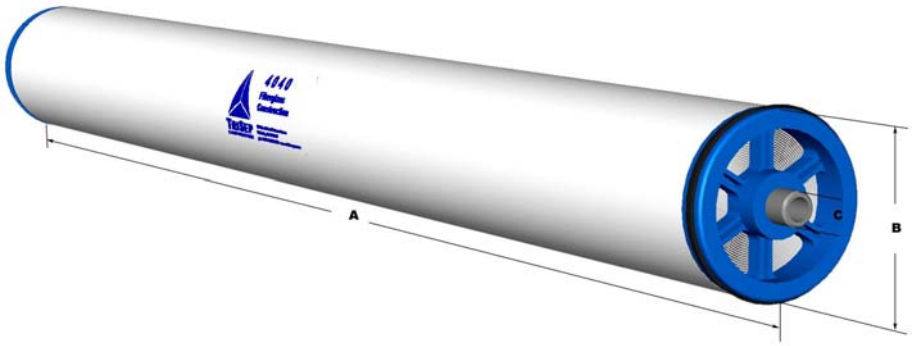
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Model	Permeate flow GPD (m3/day)*	M.W.C.O.
4040-UE50-QSF	4,400 (16.0)	100,000

Performance is based on the following test conditions: 500.0 ppm Dextran, 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,Fiberglass Outer Wrap
Active Membrane Area.....	80 ft² (7.3 m²)
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.....	20 GPM (4.5 m3/hr)
Minimum Brine Flow/Permeate Flow Ratio....	5:1
Maximum SDI (15 minutes)	5.0
Maximum Turbidity.....	1 NTU



Element Weight : 15 (7)
Length (**A**) : 40.0 (1,016) Diameter (**B**) : 4.0 (101) Permeate Tube **(C) :** 0.75 (19.1)
Units in pounds and inches, units in paranthesis in kilograms and millimetes.
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%.



Engineered Membrane SOLUTIONS