



PRODUCT SPECIFICATION

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8040 UE10 Ultrafiltration Element

Model	Permeate Flow GPD (m ³ /day)*	Nominal M.W.C.O.
8040-UE10-QSA	14,000 (53)	10,000

* Performance is based on the following test conditions: 500 ppm 10K PEG, 30 psi, 77°F (25°C), 15% recovery, pH 8.0, 30 minutes operation. Individual element permeate flow may vary +/- 20%.

OPERATIONAL AND DESIGN DATA

Membrane Type	AUM Advanced Ultrafiltration Membrane
Configuration	Spiral Wound, Fiberglass Outer Wrap
Active Membrane Area	355 ft ² (33.0 m ²)
Typical Applied Pressure	50 - 150 psi (3.4 - 10 bar)
Maximum Applied Pressure	600 psi (41 bar)
Maximum Operating Temperature	113°F (45°C)
Feed pH Range	2 - 11 continuous
Chlorine Tolerance	10 ppm
Maximum Feed Flow	80 GPM (18 m ³ /hr)
Maximum Pressure Drop	15 psi (1.0 bar) per element; 50 psi (3.4 bar) across housing
Maximum Feed SDI (15 minutes)	5.0
Maximum Feed Turbidity	1 NTU



Element Weight: 45 lbs. (20 kg)
 Length (A): 40.0" (1,016 mm) Diameter (B): 7.9" (200 mm) Permeate Tube (C): 1.50" (38.1 mm)
 Permeate Tube: TriSep Style tube
 Feed Spacer: 0.031" thick diamond spacer



Engineered Membrane
SOLUTIONS