PRODUCT SPECIFICATION

8" ACM-LP Low Pressure RO Element Series

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Model	Permeate flow GPD (m3/day)*	Average Salt Rejection (%)	Minimum Salt Rejection (%)
8040-ACM5-UWAN	12,500 (47.0)	98.50	97.50

Performance is based on the following test conditions: 2,000.00 ppm NaCl, 150.00 psi, 25°C, 15% recovery, pH 8.00, 30 minutes operation.

OPERATIONAL AND DESIGN DATA

Membrane Type.....	ACM-LP Fully Aromatic Polyamide Low Pressure Advanced Composite
Configuration.....	Spiral Wound, Fiberglass Outer Wrap
Active Membrane Area.....	400 ft² (37.2 m²)
Recommended Applied Pressure.....	50 - 300 psi (3 - 21 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.....	<0.1 ppm
Maximum Feed Flow.....	80 GPM (18 m3/hr)
Minimum Brine Flow/Permeate Flow Ratio....	5:1
Maximum SDI (15 minutes)	4.0
Maximum Turbidity.....	1 NTU



Element Weight : 50 (23)

Length (**A**) : 40.00 (1,016) Diameter (**B**) : 7.9 (200) Permeate Tube **(C) :** 1.50 (38.1)

Units in pounds and inches, units in paranthesis in kilograms and millimetes.

Mechanical Configuration: TriSep Style Core Tube

Feed Spacer: 0.028" 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