PRODUCT SPECIFICATION

8" X-20 Low Fouling RO Element Series

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Model	Permeate flow GPD (m3/day)*	Average Salt Rejection (%)	Minimum Salt Rejection (%)
8040-X201-TSFA	9,700 (36.0)	99.50	98.50

Performance is based on the following test conditions: 2,000.0 ppm NaCl, 225.0 psi, 25°C, 15% recovery, pH 8.0, 30 minutes operation.

OPERATIONAL AND DESIGN DATA

Membrane Type	X20 Fully Aromatic Polyamide-Urea Advanced Composite Membrane
Configuration	Spiral Wound,Fiberglass Outer Wrap with FoulGuard Technology
Active Membrane Area	365 ft² (33.5 m²)
Recommended Applied Pressure	100 - 300 psi (7 - 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)	5.0
Maximum Turbidity	2 NTU



Element Weight : 45 (20)
Length (**A**) : 40.0 (1,016) Diameter (**B**) : 7.9 (200) Permeate Tube **(C) :** 1.12 (28.6)
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

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