PRODUCT SPECIFICATION

8" ACM RO High Temperature Turboclean Element

Model	Permeate flow GPD (m3/day)*	Average Salt Rejection (%)	Minimum Salt Rejection (%)
8040-M1F1W1	5,700 (21.0)	99.00	98.00

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.....	ACM Fully Aromatic Polyamide Advanced Composite Membrane
Configuration.....	Spiral Wound,Turboclean Shell
Active Membrane Area.....	260 ft² (23.9 m²)
Recommended Applied Pressure.....	100 - 300 psi (7 - 21 bar)
Maximum Applied Pressure.....	600 psi (41 bar)
Recommended Operating Temperature.....	35 - 140°F (2 - 60°C)
Feedwater pH Range.....	2 - 11 continuous
Chlorine Tolerance.....	<0.1 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.....	Fruit Juice/Must Concentration

Element Weight : 40 (18)

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: 0.047" 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%.

Engineered Membrane SOLUTIONS

TriSep Corporation • 93 South La Patera Lane • Goleta, California 93117, U.S.A.
Phone: (805) 964-8003 • Fax: (805) 964-1235 • www.trisep.com