



The Specialty Membrane Company

PRODUCT SPECIFICATION

8340 Cellulose Acetate TurboClean® Element

Model	Permeate Flow GPD (m ³ /day)*	Average Salt Rejection (%)	Minimum Salt Rejection (%)
TurboClean® Bev 8340-RO-CA-O	8,000 (30)	98.0	97.0

* Performance is based on the following test conditions: 2,000 ppm NaCl, 420 psi, 77°F (25°C), 15% recovery, pH 5.5, 30 minutes operation. Individual element permeate flow may vary +/- 15%.

OPERATIONAL AND DESIGN DATA

Membrane Type	SB20 Cellulose Acetate – Triacetate Blend Membrane
Configuration	Spiral Wound, Sanitary Style Element
Active Membrane Area	400 ft ² (37 m ²)
Typical Applied Pressure	200 - 500 psi (14 - 34 bar)
Maximum Applied Pressure	600 psi (41 bar)
Maximum Operating Temperature	90 °F (32 °C)
Feed pH Range	5.5 nominal, 4-7
Chlorine Tolerance	0.5 ppm nominal, 1.0 ppm maximum
Maximum Feed Flow	80 GPM (18 m ³ /hr)
Maximum Pressure Drop	15 psi (1 bar) per element; 60 psi (4 bar) across housing
Maximum SDI (15 minutes)	5.0
Maximum Turbidity	1 NTU
Replaces Model	8340-O1E6Y2



Element Weight:	44 lbs. (20 kg)		
Length (A):	40.0" (1,016 mm)	Diameter (B): 8.3" (210 mm)	Permeate Tube (C): 1.139" (29.0 mm)
Permeate Tube:	Osmonics Style tube		
Feed Spacer:	0.031" thick diamond spacer		



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