



PRODUCT SPECIFICATION

Cellulose Acetate RO TurboClean® Element For Beverage Applications

Model	Permeate Flow*	Average Salt Rejection	Minimum Salt Rejection
TurboClean® Bev 8040-RO-CA-O	7,000 GPD (26 m ³ /d)	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 +/- 20%.

OPERATIONAL AND DESIGN DATA

Membrane Type	SB Cellulose Acetate Blend
Configuration	Spiral Wound, Sanitary Style Element
Active Membrane Area	350 ft ² (32.5 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
Application	Water Purification for Beverages
Part Number	151050842
Replaces Models	8040-O1E6Y2



Element Weight:	50 lbs. (23 kg)		
Length (A):	40.06 (1,016 mm)	Diameter (B):	7.96 (200 mm)
Permeate Tube:	Osmonics Style tube	Permeate Tube (C):	1.1396 (29.0 mm)
Feed Spacer:	0.031" thick diamond spacer		



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