



The Specialty Membrane Company

PRODUCT SPECIFICATION

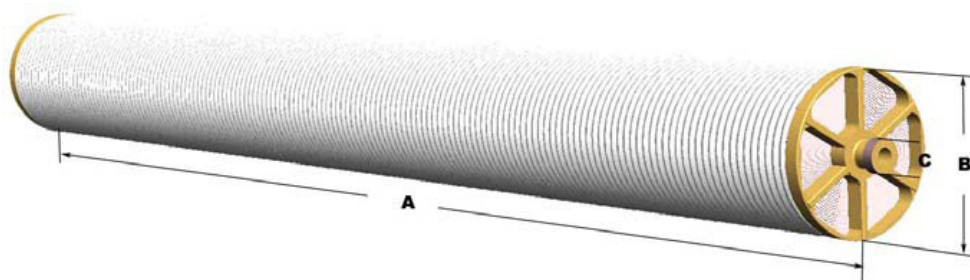
Low Energy RO TurboClean® Sanitary Element

Model	Permeate Flow GPD (m ³ /day)*	Average Salt Rejection (%)	Minimum Salt Rejection (%)
TurboClean® RO 3838-ACM4-31	2,600 (9.8)	99.0	98.0

* Performance is based on the following test conditions: 2,000 ppm NaCl, 225 psi, 77 °F (25 °C), 15% recovery, pH 8.0, 30 minutes operation. Individual element permeate flow may vary +25% / -15%.

OPERATIONAL AND DESIGN DATA

Membrane Type	ACM Fully Aromatic Polyamide Advanced Composite Membrane
Configuration	Spiral Wound, Sanitary Element
Active Membrane Area	70 ft ² (6.4 m ²)
Typical Applied Pressure	300 - 500 psi (21 - 35 bar)
Maximum Applied Pressure	600 psi (41 bar)
Maximum Operating Temperature	122 °F (50 °C)
Feed pH Range	3 - 10 continuous
Chlorine Tolerance	<0.1 ppm
Maximum Feed Flow	30 GPM (6.8 m ³ /hr)
Maximum Pressure Drop	15 psi (1 bar) per element; 60 psi (4 bar) across housing



Element Weight:	15 lbs. (7 kg)		
Length (A):	38.0" (965 mm)	Diameter (B): 3.8" (96 mm)	Permeate Tube (C): 0.83" (21.2 mm)
Permeate Tube:	Polysulfone Sanitary Style tube; ATD/coupler not included with element		
Feed Spacer:	0.031" thick diamond spacer		



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SOLUTIONS**

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