



The Specialty Membrane Company

PRODUCT SPECIFICATION

8" Continuous High Temperature RO Element

Model	Permeate Flow GPD (m ³ /day)*	Average Salt Rejection (%)	Minimum Salt Rejection (%)
TurboClean® High Temp RO-8040	6,500 (24.6)	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 +/- 20%.

OPERATIONAL AND DESIGN DATA

Membrane Type	ACM Fully Aromatic Polyamide Advanced Composite Membrane
Configuration	Continuous High Temperature, Sanitary Style Element
Active Membrane Area	235 ft ² (21.8 m ²)
Typical Applied Pressure	50 - 200 psi (3 - 14 bar)
Maximum Applied Pressure	300 psi (20 bar) @ 176°F (80°C)
Maximum Operating Temperature	176°F (80°C)
Feed pH Range	3 - 9 continuous
Chlorine Tolerance	<0.1 ppm
Maximum Feed Flow	80 GPM (18 m ³ /hr)
Maximum Pressure Drop @ 50°C	15 psi (1 bar) per element; 60 psi (4 bar) across housing
Maximum Pressure Drop @ 80°C	5 psi (0.3 bar) per element; 20 psi (1.4 bar) across housing



Element Weight: 36 lbs. (16 kg)

Length (A): 40.00" (1,016 mm)

Diameter (B): 7.9" (200 mm)

Permeate Tube (C): 1.125" (28.6mm)

Permeate Tube: Polysulfone tube



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