



PRODUCT SPECIFICATION

Heat-Sanitizable RO TurboClean® Element For Dialysis and High-Purity Applications

Model	Permeate Flow*	Average Salt Rejection	Minimum Salt Rejection
TurboClean® HP 8040-RO-HS	11,500 GPD (43 m ³ /d)	99.5%	98.5%

* Performance shown follows heat sanitization and 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 +/- 15%.

OPERATIONAL AND DESIGN DATA

Membrane Type	ACM Fully Aromatic Polyamide Advanced Composite Membrane
Configuration	Spiral Wound, Sanitary Style Element
Active Membrane Area	380 ft ² (35.3 m ²)
Typical Applied Pressure	150 - 300 psi (10 - 21 bar)
Maximum Applied Pressure	600 psi (41 bar)
Maximum Operating Temperature	113°F (45°C)
Maximum Sanitization Temperature	185°F (85°C) @ 25 psi maximum pressure
Feed pH Range	2 - 11 continuous
Chlorine Tolerance	<0.1 ppm
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 Feed SDI (15 minutes)	4.0
Maximum Feed Turbidity	1 NTU
Application	High Purity Water
Part Number	162080843



Element Weight:	50 lbs. (23 kg)		
Length (A):	40.06 (1,016 mm)	Diameter (B):	7.96 (200 mm)
Permeate Tube:		Permeate Tube (C):	1.125 (28.6 mm)
Feed Spacer:			

FilmTec Style tube

0.028" thick diamond spacer



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