



PRODUCT SPECIFICATION

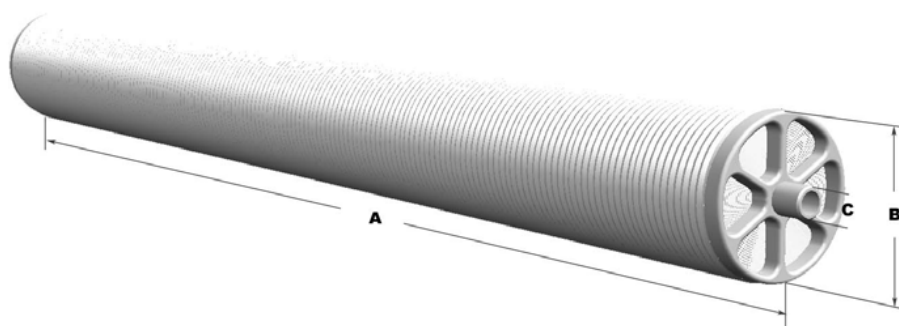
Heat-Sanitizable RO TurboClean® Element For Dialysis and High-Purity Applications

Model	Permeate Flow*	Average Salt Rejection	Minimum Salt Rejection
TurboClean® HP 4040-RO-HS-M	2,400 GPD (9.1 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	85 ft ² (7.9 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	20 GPM (4.5 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	165035441



Element Weight:	15 lbs. (7 kg)		
Length (A):	40.0" (1,016 mm)	Diameter (B):	4.0" (101 mm)
Permeate Tube:	FilmTec Style tube; "Male" design	Permeate Tube (C):	0.75" (19.1 mm)
Feed Spacer:	0.028" thick diamond spacer		



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