



PRODUCT SPECIFICATION

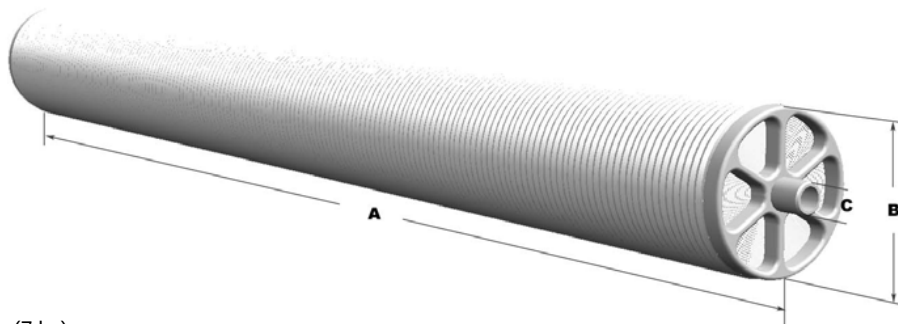
Low Energy RO TurboClean® Element For Dialysis and High-Purity Applications

Model	Permeate Flow*	Average Salt Rejection	Minimum Salt Rejection
TurboClean® HP 4040-RO-LE-M	2,400 GPD (9.1 m ³ /d)	98.5%	97.5%

* Performance is based on the following test conditions: 2,000 ppm NaCl, 150 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 Low Pressure Polyamide Advanced Composite Membrane
Configuration	Spiral Wound, Sanitary Style Element
Active Membrane Area	80 ft ² (7.4 m ²)
Typical Applied Pressure	100 - 300 psi (7 - 21 bar)
Maximum Applied Pressure	600 psi (41 bar)
Maximum Operating Temperature	113°F (45°C)
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)	5.0
Maximum Feed Turbidity	1 NTU
Application	High Purity Water
Part Number	164024441
Replaces Model(s)	4040-M5P3X2



Element Weight:	15 lbs. (7 kg)		
Length (A):	40.0" (1,016 mm)	Diameter (B):	4.0" (101 mm)
Permeate Tube:		Permeate Tube (C):	0.75" (19.1 mm)
Permeate Tube:	FilmTec Style tube; "Male" design		
Feed Spacer:	0.031" thick diamond spacer		



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SOLUTIONS**

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