

Membrane Element

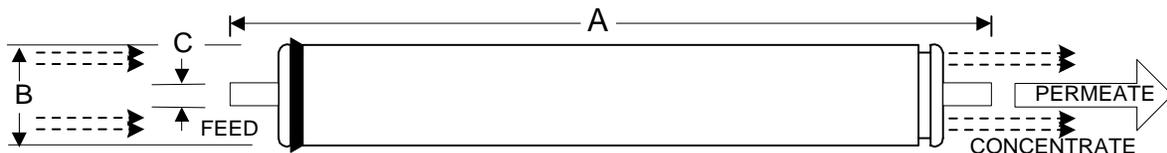
SWC2-4040

Performance:	Permeate Flow:	1,500 gpd (5.7 m ³ /d)
	Salt Rejection: Minimum	99.0 %
Type	Configuration:	Spiral Wound
	Membrane Polymer:	Composite Polyamide
	Nominal Membrane Area:	70 ft ²
Application Data	Maximum Applied Pressure:	1000 psig (6.9 MPa)
	Maximum Chlorine Concentration:	< 0.1 PPM
	Maximum Operating Temperature:	113 °F (45 °C)
	Feedwater pH Range:	3.0 - 10.0
	Maximum Feedwater Turbidity:	1.0 NTU
	Maximum Feedwater SDI (15 mins):	5.0
	Maximum Feed Flow:	16 GPM (3.6 m ³ /h)
	Minimum Recovery for any Element:	10 %
Maximum Pressure Drop for Each Element:	10 psi	
For operation outside these conditions, please contact Hydranautics.		

Test Conditions

The stated performance is initial (data taken after 30 minutes of operation), based on the following conditions:

32,000 ppm NaCl
 800 psi (5.5 MPa) Applied Pressure
 77 °F (25 °C) Operating Temperature
 10% Permeate Recovery
 6.5 - 7.0 pH Range



A, inches (mm)	B, inches (mm)	C, inches (mm)	Weight, lbs. (kg)
40.00 (1016)	3.95 (100.3)	0.75 (19.1)	8 (3.6)

Core tube extension = 1.05" (26.7 mm)

Notice: Permeate flow for individual elements may vary + 27 or - 15 percent. All membrane elements are supplied with a brine seal, interconnector, and o-rings. Elements are vacuum sealed in a polyethylene bag containing less than 1.0% sodium meta-bisulfite solution, and then packaged in a cardboard box.

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