

Membrane Element

SWC1-6040-HSM

Performance:	Permeate Flow:	2,200 gpd (8.33 m ³ /d)
	Salt Rejection:	
	Nominal	99.0 %

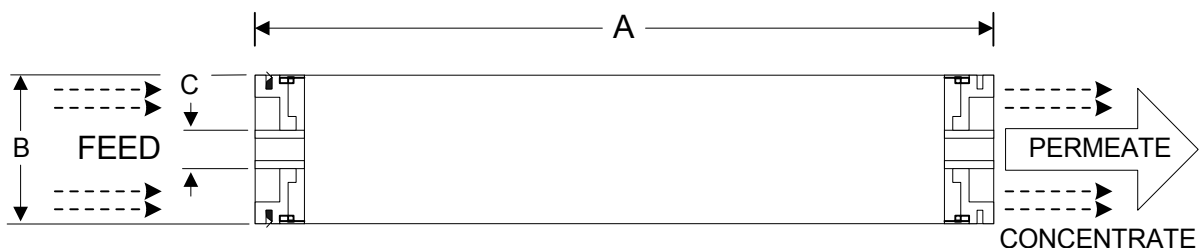
Type	Configuration:	Spiral Wound
	Membrane Polymer:	Composite Polyamide
	Nominal Membrane Area:	155 ft ²

Application Data	Maximum Applied Pressure:	1000 psig (6.9 MPa)
	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):	4.0
	Maximum Feed Flow to Element:	30 GPM (6.8 m ³ /h)
	Feedwater Chlorine Concentration:	< 0.1 ppm
Maximum Recovery for any Element:	10%	

Test Conditions

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

- ASTM Standard Seawater
- 800 psi (5.52 MPa) Applied Pressure
- 77 °F (25 °C) Operating Temperature
- 10% Permeate Recovery
- 6.5 - 7.0 pH Range



Core tube ID = 1.125" (28.6 mm)

A, inches (mm)	B, inches (mm)	C, inches (mm)	Weight, lbs. (kg)
40.0 (1016)	5.95 (151.1)	1.50 (38.1)	30 (13.6)

Notice: Permeate flow for individual elements may vary + 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 a 1.0% sodium bisulfite solution, and then packaged in a cardboard box.

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