



Membrane Element SWC6-8040

Performance:

Low Pressure: Permeate Flow: 6,000 gpd (22.7 m³/d) Salt Rejection: 99.6% (99.4 % min)

Boron Rejection (Typical)[†]: 83.0%

Applied Pressure: 600 psi (4.1 MPa)

High Flow: 12,000 gpd (45.5 m3/d) 99.8 % (99.7 % min) 91.0%

800 psi (5.4 MPa)

Type Configuration: Spiral Wound

> Membrane Polymer: Composite Polyamide 400 ft² (37.2m²) Membrane Active Area:

Application Data* Maximum Applied Pressure: 1200 psig (8.27 MPa)

> Maximum Chlorine Concentration: < 0.1 PPM Maximum Operating Temperature: 113 °F (45 °C) 2-11 (1-13)* pH Range, Continuous (Cleaning): Maximum Feedwater Turbidity: 1.0 NTU Maximum Feedwater SDI (15 mins): 5.0

75 GPM (17.0 m³/h) Maximum Feed Flow:

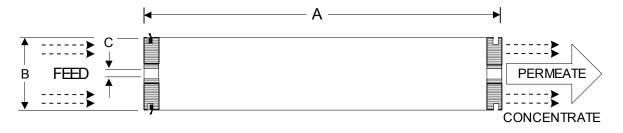
Minimum Ratio of Concentrate to

Permeate Flow for any Element: Maximum Pressure Drop for Each Element: 10 psi

Test Conditions

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

> 32,000 ppm NaCl 600 psi (4.1 Mpa) Applied Pressure 77 °F (25 °C) Operating Temperature 6.5 - 7.0 pH Range



ſ	A, inches (mm)	B, inches (mm)	C, inches (mm)	Weight, lbs. (kg)
ſ	40.0 (1016)	7.89 (200)	1.125 (28.6)	36 (16.4)

Permeate flow for individual elements may vary +25% or -15%. Membrane active area may vary +/-4%. 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 mea-bisulfite solution, and then packaged in a cardboard

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7/29/2010

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^{*} The limitations shown here are for general use. For specific projects, operating at more conservative values may ensure the best performance and longest life of the membrane. See Hydranautics Technical Bulletins for more detail on operation limits, cleaning pH, and cleaning temperatures.

[†]When tested at standard test conditions with 5.0ppm Boron in feed solution.