



SWC5 1640

Specified Performance*

Permeate Flow: 35,000 gpd (132.5 m³/d)
Salt Rejection: 99.8% (99.65% minimum)

Test Conditions: 32,000 ppm NaCl solution

800 psi (5.52 MPa) Applied Pressure 77 °F (25 °C) Operating Temperature

10% Permeate Recovery 6.5 - 7.0 pH Range

General Product Description**

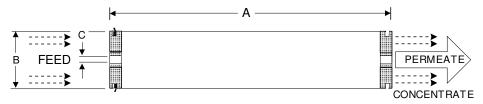
Configuration: Spiral Wound

Membrane Polymer: Composite Polyamide
Membrane Active Area**: 1670 ft² (155 m²)
Feed Spacer**: 28 mil (0.71 mm)

Packaging: All membrane elements are supplied with a brine seal, interconnector, and o-rings. Elements are enclosed in a

sealed polyethylene bag containing less than 1.0% sodium meta-bisulfite solution, and then packaged in a

cardboard box.



Element Details**

A, inches (mm)	B, inches (mm)	C, inches (mm)	Weight, lbs. (kg)
40 (1016)	15.75 (400.05)	3.000 (76.2)	139 (63)

^{**}Values listed are indicative, not specified. For more detailed specifications, see our Technical Service Bulletin documents or contact Hydranautics Technical Department. Element weight values are as shipped from factory. Elements that are used and then gravity drained may still contain at least an additional 2 lbs (1 kg) of liquid.

Product Use and Restrictions^

Maximum Applied Pressure: 1000 psig (6.9 MPa)

Maximum Chlorine Concentration:< 0.1 ppm</th>Maximum Operating Temperature:113 °F (45 °C)pH Range, Continuous (Cleaning):2-11 (1-13)*Maximum Feedwater Turbidity:1.0 NTU

Maximum Feedwater SDI (15 mins): 5.0

Maximum Feed Flow: 250 gpm (56 m³/h)

Maximum Pressure Drop for Each Element: 10 psi

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^{*}The Specified Performance is based on data taken after approximately 30 minutes of operation. Actual testing of elements may be done at conditions which vary from these exact values; in which case, the performance is normalized back to these standard conditions. Permeate flow for individual elements may vary ±15 percent from the value specified.

[^] The limitations shown here are for general use. For specified projects, operation at more conservative values may ensure the best performance and longest life of the membrane. See Hydranautics Technical Bulletins for more details.