Nitto
Innovation for Customers

HYDRANAUTICS

SWC6 MAX-CR

Specified Performance*

	Low Pressure:	High Flow:
Permeate Flow:	6,600 gpd (25 m^3/d)	13,200 gpd (50 m^3/d)
Salt Rejection:	99.6% (99.4% minimum)	99.8% (99.7% minimum)
Applied Pressure:	600 psi (4.1 MPa)	800 psi (5.5 MPa)

Test Conditions:
32,000 ppm NaCl solution
77 °F (25 °C) Operating Temperature
10% Permeate Recovery
6.5 - 7.0 pH Range

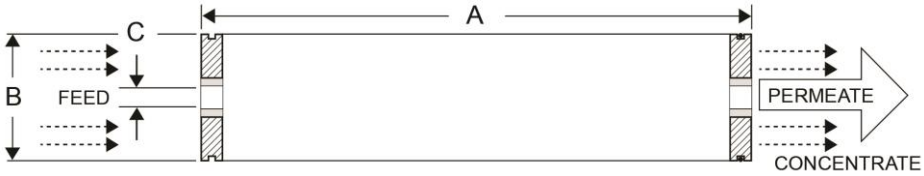
*The Specified Performance is based on data taken after a minimum of 10 minutes of operation. Actual testing of elements may be done at conditions which vary from these exact values; in which case, the performance is normalized back to these standard conditions. Permeate flow for individual elements may vary +25% / -15% from the value specified.

General Product Description**

Configuration:	Spiral Wound
Membrane Polymer:	Composite Polyamide
Membrane Active Area**:	440 ft^2 (40.9 m^2)

Bidirectional design: ATD at back has O-ring brine seal for bidirectional movement and ATD at front has slots to engage extraction tool.

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)
40.0 (1016)	7.89 (200)	1.125 (28.6)

**Values listed are indicative, not specified. For more detailed specifications, see our Technical Service Bulletin documents or contact Hydranautics Technical Department.

Product Use and Restrictions^

Maximum Applied Pressure:	1,200 psig (8.27 MPa)
Maximum Chlorine Concentration:	< 0.1 ppm
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:	75 gpm (17.0 m^3/h)
Minimum Brine Flow:	12 gpm (2.7 m^3/h)
Maximum Pressure Drop for Each Element:	15 psi (0.10 MPa)

^ 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.

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