

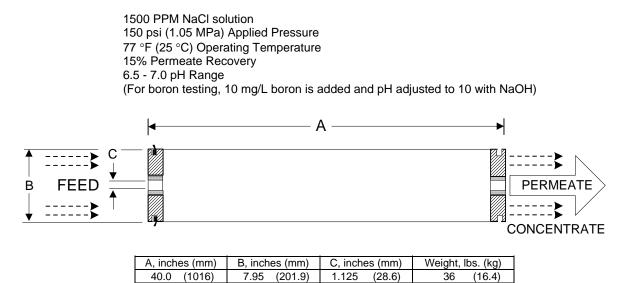


I	Membrane Element	ESPAB
Performance	Permeate Flow: Salt Rejection (minimum): Salt Rejection (nominal): Boron Rejection @ pH = 10:	8,600 gpd (32.6 m ³ /d) 99.0 % 99.2 % 96.0 %
Туре	Configuration: Membrane Polymer: Nominal Membrane Area:	Spiral Wound Composite Polyamide 400 ft ²
Application Data*	Maximum Applied Pressure: Maximum Chlorine Concentration: Maximum Operating Temperature: Feedwater pH Range: Maximum Feedwater Turbidity: Maximum Feedwater SDI (15 mins): Maximum Feed Flow: Minimum Ratio of Concentrate to Permeate Flow for any Element: Maximum Pressure Drop for Each Element:	600 psig (4.16 MPa) < 0.1 PPM 113 °F (45 °C) 3.0 - 10.5 1.0 NTU 5.0 75 GPM (17.0 m ³ /h) 5:1 10 psi

* The limitations shown here are for general use. The values may be more conservative for specific projects to ensure the best performance and longest life of the membrane.

Test Conditions

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



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

Hydranautics believes the information and data contained herein to be accurate and useful. The information and data are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. Hydranautics assumes no liability for results obtained or damages incurred through the application of the presented information and data. It is the user's responsibility to determine the appropriateness of Hydranautics' products for the user's specific end uses. 10/30/07