



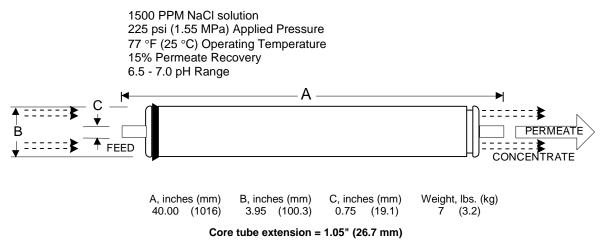
Membrane Element CPA-4040E (Patented Low Fouling Technology)

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Performance:	Permeate Flow: Salt Rejection : Feed Spacer:	2,250 gpd (8.5 m ³ /d) 99.5% (99.2% minimum) 34 mil (0.864 mm) with biostatic agent
Туре	Configuration: Membrane Polymer: Membrane Active Area:	Spiral Wound Composite Polyamide 65 ft ² (6.04 m ²)
Application Data*	Maximum Applied Pressure: Maximum Chlorine Concentration: Maximum Operating Temperature: pH Range, Continuous (Cleaning): 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: Dry Element Temperature Storage Wet Element Temperature Storage	600 psig (4.14 MPa) < 0.1 PPM 113 °F (45 °C) 2-10 (1-12)* 1.0 NTU 5.0 16 GPM (3.6 m ³ /h) 5:1 15 psi -40 °C to 40 °C (-40°F to 104°F) 1 °C to 35 °C (33°F to 95°F)

* 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.

Test Conditions

The stated performance is based on the conditions below, after 30 minutes of stablized operation. Hydranautics does not test every element, but randomly samples some elements to statistically ensure the product meets our stated specifications. Untested elements are shipped in a dry condition. Tested elements are preserved and shipped in 0.99% sodium meta-bisulfite. Shipment of product could include both types of elements.



Notice: Permeate flow for individual elements may vary + 33 or - 15 percent. All membrane elements are supplied with a brine seal, interconnector, and o-rings. Elements are enclosed in a sealed polyethylene bag in a dry condition (no aqueous preservative), 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. 3/06/15

