



Membrane Element CPA4

Performance: Permeate Flow: 6000 gpd (22.7 m³/d)

Salt Rejection

Average: 99.7 %

Type Configuration: Spiral Wound

Membrane Polymer: Composite Polyamide

Nominal Membrane Area: 400 ft²

Application Data* Maximum Applied Pressure: 600 psig (4.16 MPa)

Maximum Chlorine Concentration: < 0.1 PPM
Maximum Operating Temperature: 113 °F (45 °C)
Feedwater pH Range: 3.0 - 10.0
Maximum Feedwater Turbidity: 1.0 NTU
Maximum Feedwater SDI (15 mins): 5.0

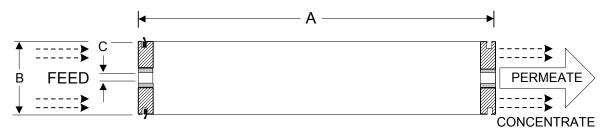
Maximum Feed Flow: 75 GPM (17.0 m³/h)

Minimum Ratio of Concentrate to Permeate Flow for any Element:

Maximum Pressure Drop for Each Element: 5:1

Test Conditions Elements are wet tested for quality assurance using the following conditions:

1500 PPM NaCl solution 225 psi (1.55 MPa) Applied Pressure 77 °F (25 °C) Operating Temperature 15% Permeate Recovery 6.5 - 7.0 pH Range (Data taken after 30 minutes of operation)



A, inches (mm)	B, inches (mm)	C, inches (mm)	Weight, lbs. (kg)
40.0 (1016)	7.95 (201.9)	1.125 (28.6)	36 (16.4)

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

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^{*} 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.