

## MEMBRANE ELEMENT XLP-4040

<b>Performance</b>	Permeate Flow:	3,000 gpd (11.4 m <sup>3</sup> /d)
	Salt Rejection:	98.5% (98% minimum)

<b>Type</b>	Configuration:	Spiral Wound
	Membrane Polymer:	Composite Polyamide
	Membrane Active Area:	85 ft <sup>2</sup> (7.9m <sup>2</sup> )

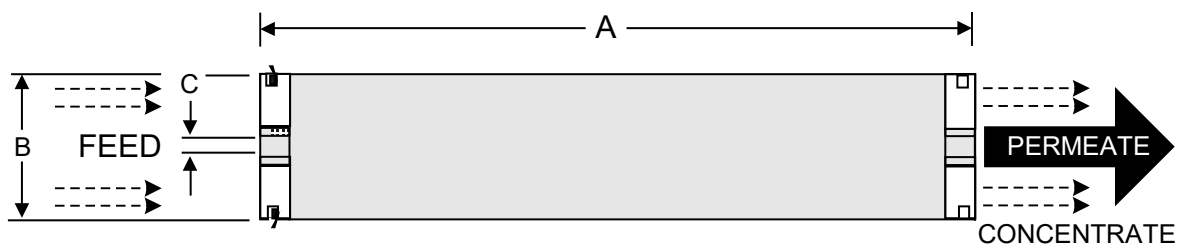
<b>Application Data*</b>	Maximum Applied Pressure:	600 psig (4.14 MPa)
	Maximum Chlorine Concentration:	< 0.1 PPM
	Maximum Operating Temperature:	113 °F (45 °C)
	pH Range, Continuous (Cleaning):	2-10.6 (1-12)*
	Maximum Feedwater Turbidity:	1.0 NTU
	Maximum Feedwater SDI (15 mins):	5.0
	Maximum Feed Flow:	16 GPM (3.6 m <sup>3</sup> /h)
	Minimum Ratio of Concentrate to Permeate Flow for any Element:	5:1
	Maximum Pressure Drop for Each Element:	10 psi

\* 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.

### Test Conditions

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

- 1500 PPM NaCl solution
- 150 psi (1.55MPa) Applied Pressure
- 77°F (25°C) Operating Temperature
- 15% Permeate Recovery
- 6.5-7.0 pH Range



A, inches (mm)	B, inches (mm)	C, inches (mm)	Weight, lbs. (kg)
40.0 (1016)	3.95 (100.3)	0.75 (19.1)	8 (3.6)

**Notice:** Permeate flow for individual elements may vary + or - 15%. Membrane active area may vary +/-4%. Element weight may vary. 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.