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Same performance as 15 layers membrane element in the market, but with less membrane area, customers know what is cost-effective.

Membrane Element		2G 2012-100
Performance	Permeate Flow:	100 GPD
	Salt Rejection:	96-97%
Type	Configuration:	Spiral Wound
	Membrane Polymer:	Composite Polyamide
	Membrane Active Area:	0.725m ²
Application Data*	Maximum Applied Pressure:	150psi (1.03MPa)
	Maximum Chlorine Concentration:	<0.1ppm
	Maximum Operating Temperature:	113°F (45°C)
	pH Range, Continuous (Cleaning):	2-11
	Maximum Feed Water TDS:	1,000ppm
	Maximum Feed Silt Density Index:	SDI 5

* 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:

200ppm NaCl Solution
 60psi (0.41MPa) Applied Pressure
 77 °F (25°C) Operating Temperature
 15% Permeate Recovery
 6.5-7.5 pH Range



A. Inch(mm)	B. Inch(mm)	C. Inch(mm)	D1. Inch(mm)	D2. Inch(mm)	E. Inch(mm)	Weight.lbs(kg)
11.73(298)	1.96(49)	0.67(17)	0.83(21)	0.83(21)	10.07(256)	0.55(0.25)