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Membrane Element

4G 1812-110

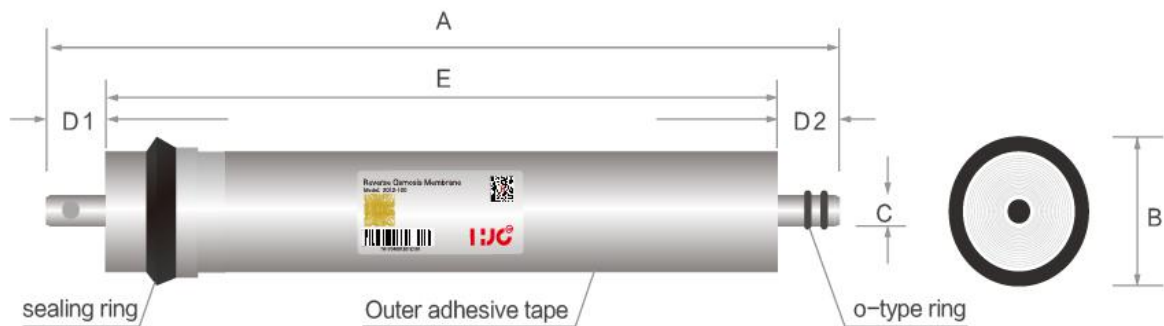
Performance:	Permeate Flow:	110 gpd
	Salt Rejection:	98%
Type	Configuration:	Spiral Wound
	Membrane Polymer:	Composite Polyamide
	Membrane Active Area:	0.94m ²
Application Data*	Maximum Applied Pressure:	300PSI(2.06MPa)
	Maximum Chlorine Concentration:	< 0.1 PPM
	Maximum Operating Temperature:	113° F (45°c)
	PH Range, Continuous (Cleaning):	2-12(3-10)
	Maximum Feed Water TDS	4,500ppm
	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:

- 200 mg/L NaCl solution
- 60 psi (0.41 MPa) 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)	D1.Inches(mm)	D2.Inches(mm)	E.Inches(mm)
11.7(298)	1.81(46)	0.68(17)	0.82(21)	0.82(21)	10.07(256)