



Filter Data Sheet

G.E.M. Reverse Osmosis Membrane

Global Economy Membrane

G.E.M. Reverse Osmosis Membranes provide the high salt rejection and flow rates typically available on composite membranes while providing superior value. This gives the membrane user an edge by providing reduced costs for the operation of a reverse osmosis system. The pre-filtration program offered by Optimum Filter, in conjunction with the G.E.M. elements, may eliminate the need for costly membrane cleanings. These elements are manufactured utilizing an ISO 9001:2000 Certified Quality Management System.

Application Data*

Max. Applied Pressure.....600 PSIG (4.16 MPa)

Max. Chlorine Concentration.....<0.1 PPM

Max. Operating Temperature.....113°F (45°C)

Feedwater pH Range.....3.0 - 10.0

Max. Feedwater Turbidity.....1.0 NTU

Max. Feedwater SDI (15 mins).....5.0

Max. Feed Flow.....75 GPM (17.0 m3/h)

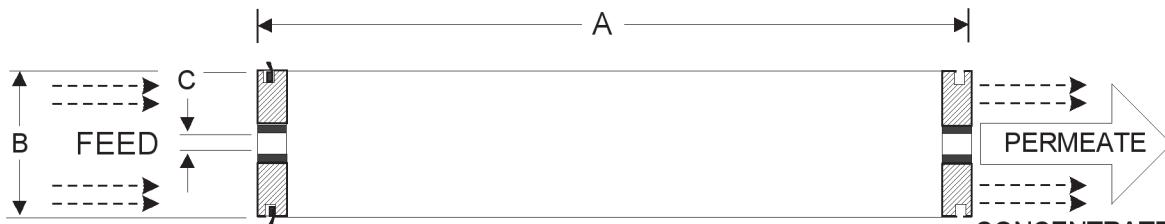
Max. Ratio of Concentrate to Permeate Flow for any Element.....5:1

Max. Pressure Drop for Each Element.....10 PSI

* 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.

Dimensions

A	40.0" (1016mm)
B	7.95 (201.9mm)
C	1.125 (28.6mm)



* Weight = 36 lbs (16.4kg)

Ordering Information

GEM	-	Diameter (Nom.)	-	Length	-	RO
		8		40		

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