

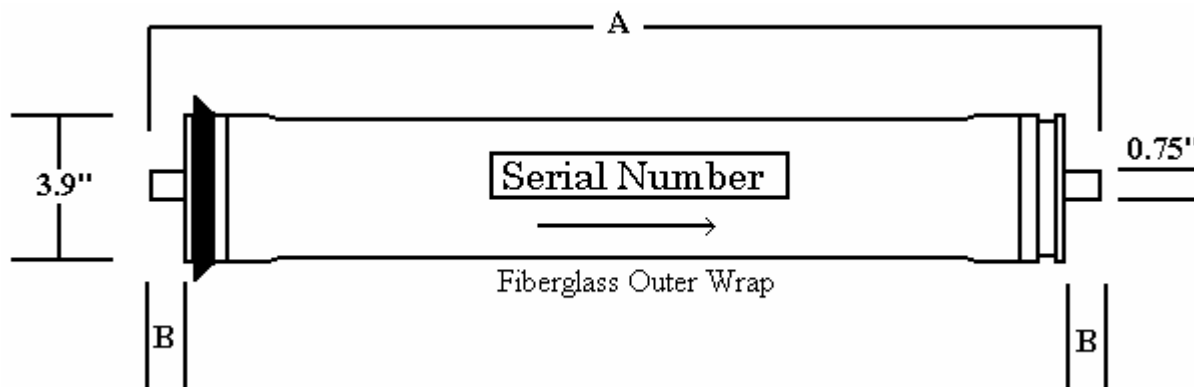
**REVERSE OSMOSIS  
4.0 INCH SEAWATER MEMBRANE  
SPECIFICATIONS**

Reverse Osmosis Elements with Thin Film Composite Polyamide Membrane Designed to fit a 4.0 Inch ID Housing or Pressure Vessel

ALL MATERIALS ARE NSF AND/OR FDA APPROVED WITH THE EXCEPTION OF THE ADHESIVE ON THE OUTER WRAP AND THE FIBERGLASS OUTER WRAP.

Model no.	Dimensions	Dimensions	Flow (GPD)	Rejection (%)	
	A (Inches)	B (Inches)	Nominal	Min.	Nominal
MEM 4021-SW	21	1.1	800	99.5	99.7
MEM 4040-SW	40	1.1	1600	99.5	99.7

1. Permeate flow and salt rejection based on the following test conditions: 32000 ppm TDS, 800psi (5.5Mpa), 77 F (25 C), pH 7.5 and 15% recovery
2. Flow rates for individual elements may vary +/-15%



**Operating Limits**

Membrane Type	Thin-Film Composite
Maximum Operating Pressure	1000psi (6.9 Mpa)
Maximum Feed Flow Rate	18gpm (1.4m /h)
pH Range, Continuous	2 to 11
pH Range, Cleaning Cycle (30 min)	1 to 12
Maximum Operating Temperature	113 f (45 C)
Maximum Feed Turbidity	1 NTU
Maximum Feed Silt Density Index	SDI 5
Free chlorine Tolerance	<0.1 ppm