



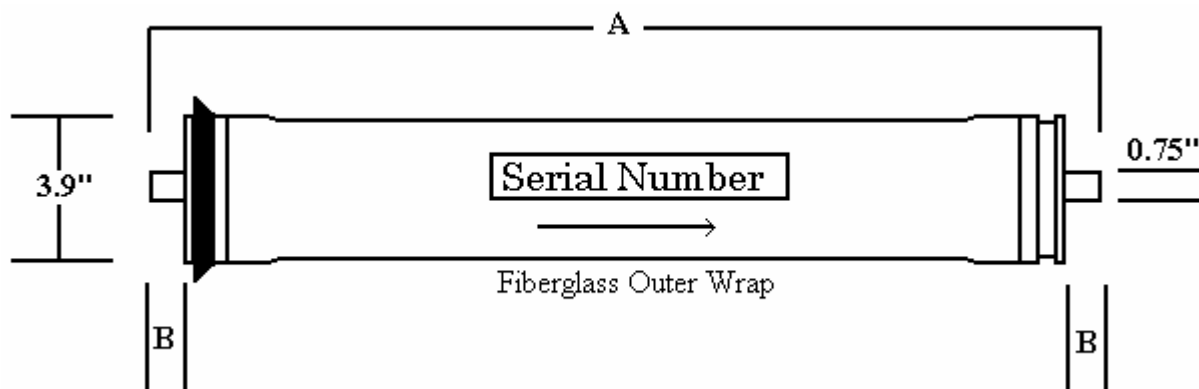
REVERSE OSMOSIS
4.0 INCH LIGHT BRACKISH WATER MEMBRANE SPECIFICATIONS

Reverse Osmosis Elements with Thin Film Composite Polyamide
 Membrane and Fiberglass outer wrap
 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 4014 BW-300	14	1.1	450	99.0	99.5
MEM 4021 BW-300	21	1.1	800	99.0	99.5
MEM 4040 BW-300	40	1.1	2000	99.0	99.5

1. Permeate flow and salt rejection based on the following test conditions: 2000 ppm NaCl, 225psi (1.55Mpa), 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	300psi (2.1 Mpa)
Maximum Feed Flow Rate	14gpm (3.9 m ³ /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