

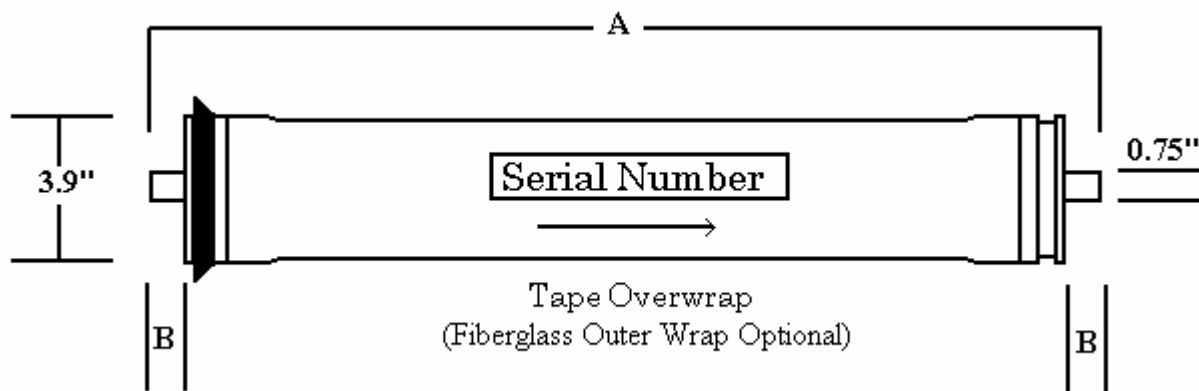
**REVERSE OSMOSIS  
4.0 INCH EXTRA LOW PRESSURE MEMBRANE  
SPECIFICATIONS**

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 4014 XLP	14	1.1	800	98.0	99.0
MEM 4021 XLP	21	1.1	1200	98.0	99.0
MEM 4040 XLP	40	1.1	2600	98.0	99.0

1. Permeate flow and salt rejection based on the following test conditions: 500 ppm NaCl, 100psi (0.7MPa), 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 (3.9m <sup>3</sup> /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