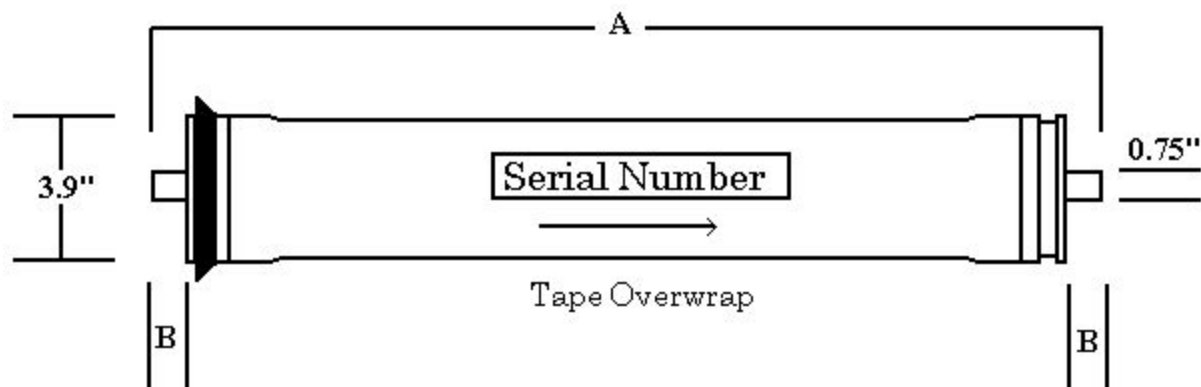


REVERSE OSMOSIS 4.0 INCH TAPWATER MEMBRANE SPECIFICATIONS

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

Model no.	Dimensions	Dimensions	Flow (GPD)	Rejection (%)	
	A (Inches)	B (Inches)	Nominal	Min.	Nominal
MEM 4014 TW	14	1.1	450	99.0	99.5
MEM 4021 TW	21	1.1	800	99.0	99.5
MEM 4040 TW	40	1.1	2400	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