

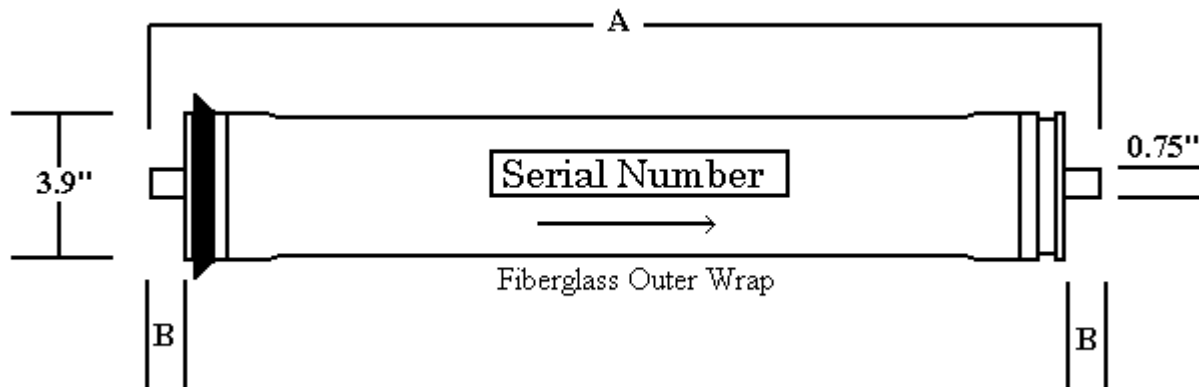
REVERSE OSMOSIS 4.0 HIGH FLOW INCH SEAWATER MEMBRANE SPECIFICATIONS

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 TAPE OUTER WRAP. THIS TAPE DOES NOT COME IN CONTACT WITH THE PERMEATE FLOW.

Model no.	Dimensions	Dimensions	Flow (GPD)	Rejection (%)	
	A (Inches)	B (Inches)	Nominal	Min.	Nominal
MEM-4014SW-HF	14	1.1	500	99.2	99.5
MEM 4021-SW-HF	21	1.1	800	99.4	99.7
MEM 4040-SW-HF	40	1.1	1950	99.4	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