

**REVERSE OSMOSIS
HIGH FLOW 4.0 INCH SEAWATER MEMBRANE
SPECIFICATIONS**

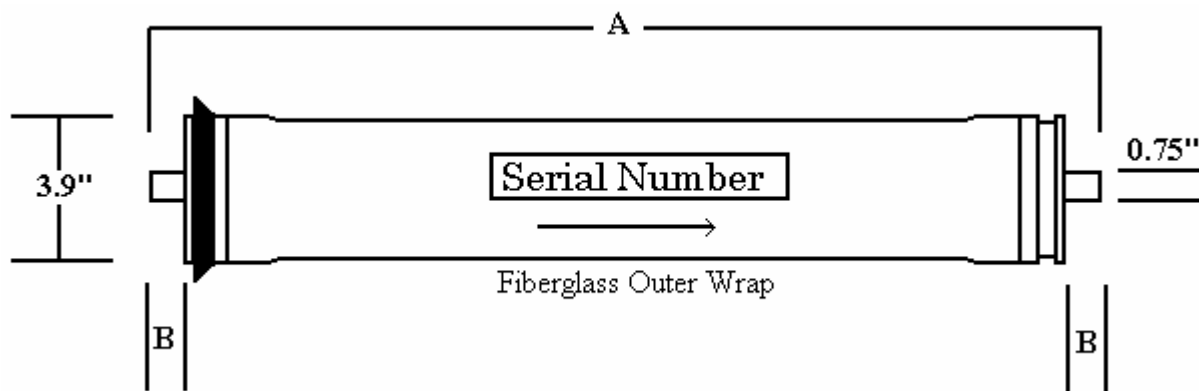
High flow at the lowest pressure for new applications

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-HF	21	1.1	1000	99.5	99.7
MEM 4040-SW-HF	40	1.1	2000	99.6	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
Maximum Operating Pressure
Maximum Feed Flow Rate
pH Range, Continuous
pH Range, Cleaning Cycle (30 min)
Maximum Operating Temperature
Maximum Feed Turbidity
Maximum Feed Silt Density Index
Free chlorine Tolerance

Thin-Film Composite
1000psi (6.9 Mpa)
18gpm (1.4m /h)
2 to 11
1 to 12
113 f (45 C)
1 NTU
SDI 5
<0.1 ppm