Hydrocomponents & Technologies, Inc. www.hcti.com
1175-H Park Center Drive Vista, CA 92081 U.S.A
Tel: (760) 598-0189 Fax: (760) 598-2589 sales@hcti.com

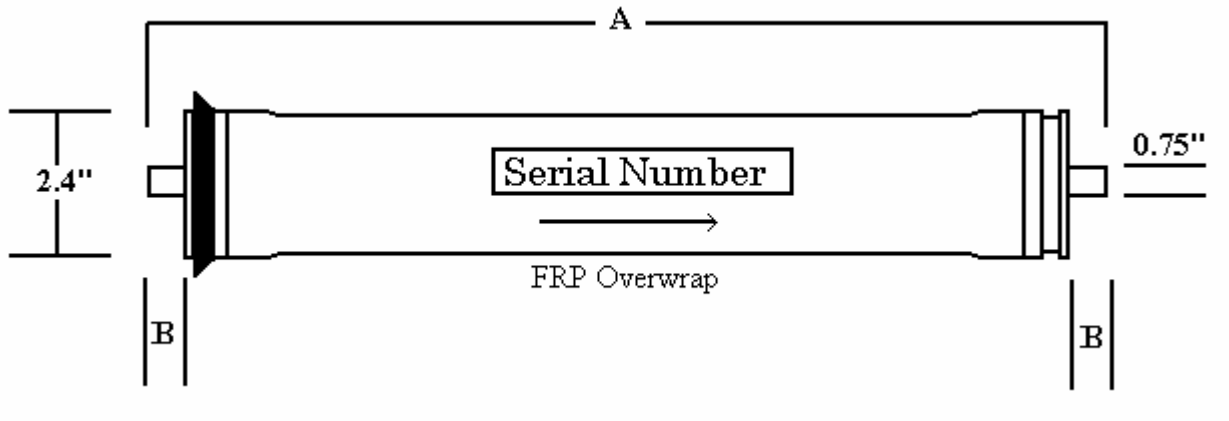
REVERSE OSMOSIS
2.5 INCH BRACKISH WATER MEMBRANE
SPECIFICATIONS

Reverse Osmosis Elements with Thin Film Composite Polyamide
Membrane Designed to fit a 2.45-2.5 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 2514-BW	14	1.2	150	99.2	99.7
MEM 2521-BW	21	1.2	300	99.2	99.7
MEM 2540-BW	40	1.0	600	99.2	99.7

1. Permeate flow and salt rejection based on the following test conditions: 2000 ppm TDS, 225psi (1.6Mpa), 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	6gpm (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

April 2, 2009