MEMBRANE ELEMENT

PMSW-440HR

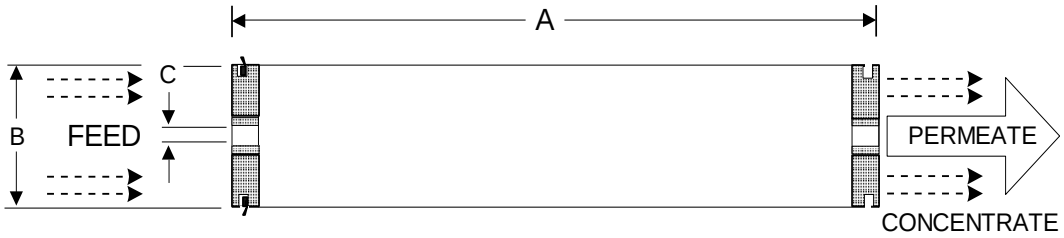
High Rejection & High Productivity

SPECIFICATIONS

Configuration:	Spiral Wound
Membrane Polymer:	Polyamide Thin-Film Composite
Active Area:	440 ft^2 (40.9 m^2)
Permeate Flow:	9,900 gpd (37.5 m^3/d)
Stabilized Salt Rejection (Minimum):	99.8% (99.7%)
Stabilized Boron Rejection:	92.0%

The stated performance is based on the following conditions:

32,000 ppm NaCl
5 ppm Boron
800 psig (5.5 MPa) Applied Pressure
77°F (25°C) Operating Temperature
10% Permeate Recovery
pH 6.5 – 7.0



A, inches (mm)	B, inches (mm)	C, inches (mm)	Weight, lbs (Kg)
40.0 (1,016)	7.9 (201)	1.125 (28.6)	33 (15)

OPERATING DATA

Maximum Applied Pressure:	1,200 psig (8.27 MPa)
Free Chlorine Tolerance:	< 0.1 ppm
Maximum Operating Temperature:	113°F (45°C)
Continuous pH Range (Cleaning):	2 – 11 (1 – 13)
Maximum Feedwater Turbidity:	1.0 NTU
Maximum Feedwater SDI_{15}:	5.0
Maximum Pressure Drop for Each Element:	15 psig (0.10 MPa)
Maximum Feed Flow:	75 gpm (17.0 m^3/h)
Minimum Ratio of Concentrate to Permeate Flow for any Element:	5:1

NOTICE: Permeate flow for an individual element may vary + or - 15 percent. All membrane elements have a brine seal, interconnector, and O-rings in a sealed polyethylene plastic bag. Use glycerin or silicon only for lubrication of seals and O-rings. Always avoid static permeate backpressure. We offer data in good faith but without guarantee. Please refer to the application information literature entitled operation guidelines for more information before installing and operating the elements.

PERSALT: 401 East Jackson Street Suite 2340, Tampa, FL 33602
Phone: (813) 803-6125 Fax: (813) 803-6126 – info@persalt.com