MEMBRANE ELEMENT

PMSW-400LF

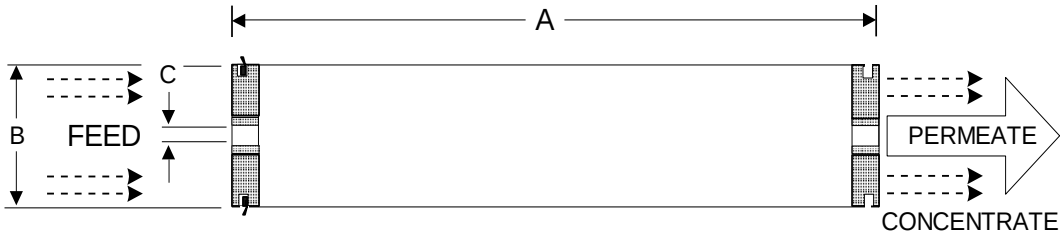
Low Fouling & Low Pressure Drop

SPECIFICATIONS

Configuration:	Low Fouling Spiral Wound
Membrane Polymer:	Polyamide Thin-Film Composite
Active Area:	400 ft^2 (37.2 m^2)
Feed Spacer Thickness:	34 mil (0.864 mm)
Permeate Flow:	9,000 gpd (34.1 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:	85 gpm (19.3 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.

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