BWFR-4040

Brackish Water Fouling Resistant Element for Commercial Applications

High salt rejection and enhanced fouling resistance for demanding applications.

Typical Performance:

Permeate Flow: 2,300 gpd (8.7 m3/d)

Stabilized Salt Rejection: 99.6% Dry elements achieve quick stabilization

Test Conditions: 2000 ppm NaCl solution; 225 psig (15.5 Bar); 25°C; 15% recovery; pH 7.5. Individual flow rate may vary ±15%.

Configuration: Low Fouling Spiral Wound; Composite Polyamide

Membrane Active Area: 85 ft^2 (7.9 m^2)

Operating and Cleaning Limits:

Maximum Operating Temperature 113°F (45°C)

Maximum Operating Pressure 600 psi (41 Bar)

Free Chlorine Tolerance < 0.1 ppm

Maximum Feed Silt Density Index (SDI_{15}) 5.0

Maximum Feed Flow Rates 16 gpm (3.6 m3/h)

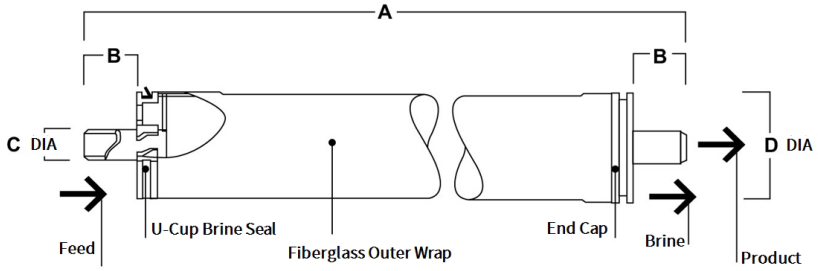
Maximum Pressure Drop 15 psig (1.0 Bar) / membrane; 50 psi (3.4 bar) / vessel

pH Range Continuous Operation 3 – 10; Short-Term Cleaning (30 min.) 1 - 13

Permeate obtained from the first hour of operation must be discarded.

Always keep elements moist after initial wetting.

All membrane elements are supplied with a brine seal & interconnector.



A= 40 inch; 1016 mm

B= 1.04 inch; 26.5 mm

C= 0.75 inch; 19.1 mm

D= 3.9 inch; 99 mm

Membrane Shop Pty Ltd ABN 40 050 292 834
PO Box 450, Mona Vale, NSW. 1660. AUSTRALIA Tel: (+61 2) 8318 1498
email: sales@membraneshop.com.au Web site: www.membraneshop.com.au