ULTRAMAR WATER

FLEXIBILITY MEETS SUSTAINABILITY

8″ Spiral Wound Elements for Brackish Water

Description:

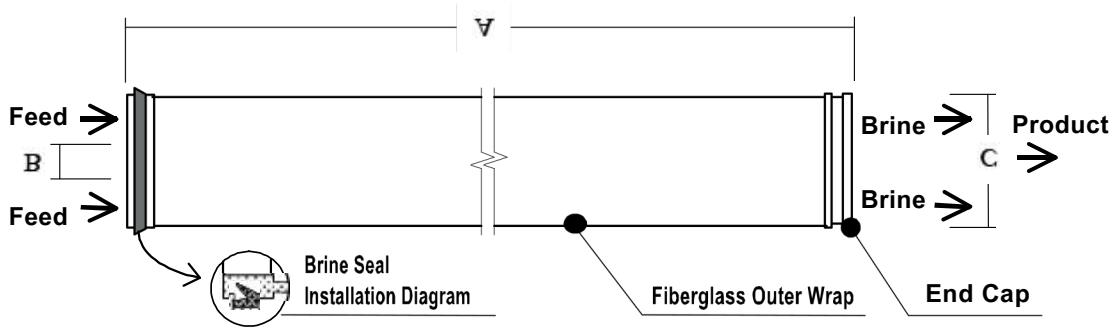
Low Pressure, High Productivity:
Low or ultra low pressure application for brackish water treatment

Specifications:

Model	Permeate Flow GPD(m^3/day)	Active Membrane Area ft^2(m^2)	Stabilized Salt Rejection	Minimum Salt Rejection	Feed spacer mil(mm)	Test Conditions
BW-8040-400-HR(34)	10500(40)	400(37)	99.7%	99.5%	34(0.85)	225psi/2000ppm NaCl

1. All performance data are collected at 25℃ (77˚F), pH7.5 and 15% recovery rate.
2. Permeate flows for single element may vary ±15%.

Element Dimension:



Product	Dimensions – Inches (mm)		
	A	B	C
BW-8040-400-HR(34)	40.0 (1016)	1.125 (29)	7.9 (201)

* 1 inch= 25.4 mm

Operating Limits for Design:

Maximum Operating Temperature…….…….…..…… 45°C(113°F)
Maximum Operating Pressure…….…….…..…… 600psi(41bar)
Maximum Pressure Drop (single element)…….…… 15psi(1.0bar)
pH Range for Continuous Operation…….…..…… 2-11
pH Range for Cleaning…….…….…..…… 1.2-12
Chlorine tolerance…….…….…..…… <0.1ppm
Maximum Feed SDI…….…….....……..…… 5