ULTRAMAR WATER

FLEXIBILITY MEETS SUSTAINABILITY

8″ Spiral Wound Elements for Sea Water

Ac t ive Membrane Area ft²(m²)
440(41)

Description:

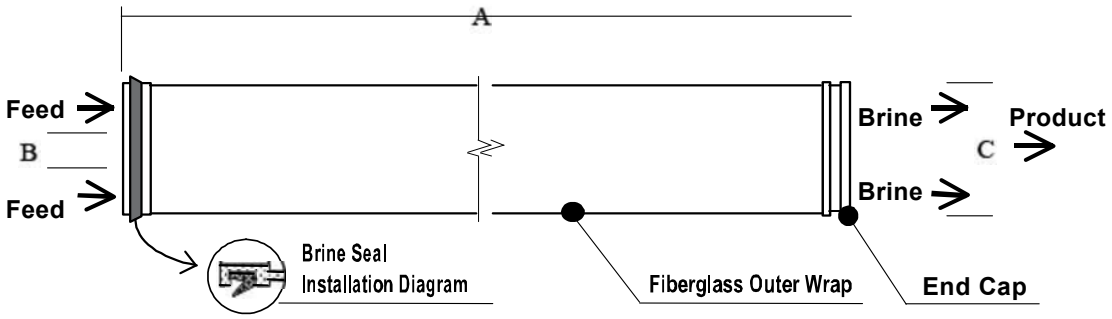
High Rejection, High Productivity:
High pressure application for sea water treatment

Specifications:

Model	Permeate Flow GPD(m³/day)	Active Membrane Area ft²(m²)	Stabilized Salt Rejection	Minimum Salt Rejection	Feed spacer mil (mm)	Test Conditions
SW-8040-440-HR	6700 (25)	440(41)	99.8%	99.7%	28(0.7)	800psi/32800ppm NaCl

1. All performance data are collected at 25˚C (77˚F), pH7.5 and 8% recovery rate.
2. Permeate flows for single element may vary ±15%.

Element Dimension:



Product	Dimensions – Inches (mm)		
	A	B	C
SW-8040-440-HR	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…….…….…….…….. 1200psi(83bar)
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