ULTRAMAR WATER

FLEXIBILITY MEETS SUSTAINABILITY

4″ Spiral Wound Elements for Sea Water

Description:

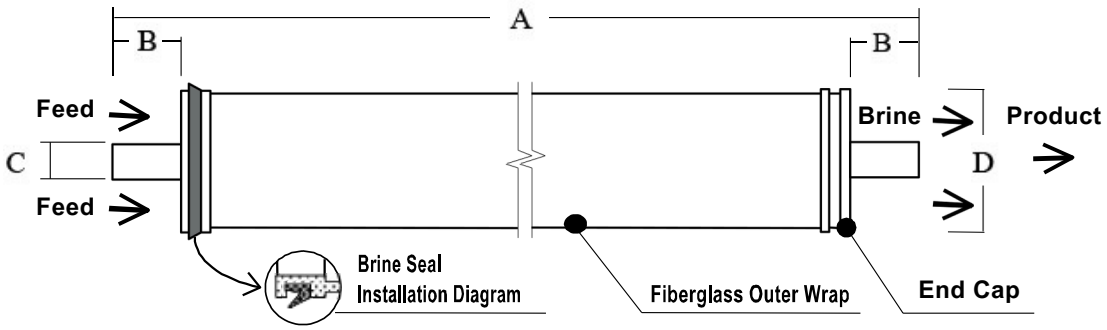
High Rejection, High Productivity:
High pressure application for sea water treatment

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
SW- 4040	1700 (7.2)	90(8.4)	99.7%	99.5%	28(0.7)	800psi/32000ppm NaCl

1. All performance data are collected at 25℃ (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	D
SW- 4040	40.0 (1016)	1.05 (26.7)	0.75 (19)	3.9 (99)

* 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