ULTRAMAR WATER

FLEXIBILITY MEETS SUSTAINABILITY

4″ Spiral Wound Elements for Sea Water

Description:

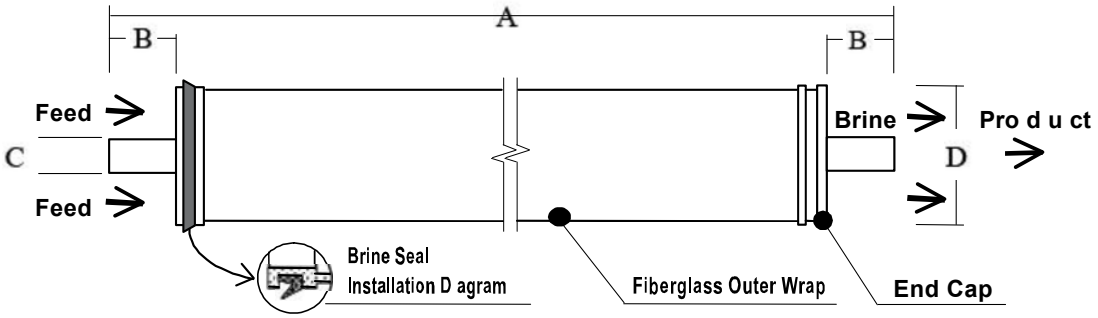
High Rejection, High Productivity:
High pressure application for sea water treatment

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-HR	1400 (5)	90(8.4)	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	D
SW- 4040-HR	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