ULTRAMAR WATER

FLEXIBILITY MEETS SUSTAINABILITY

4″ Spiral Wound Elements for Sea Water

Description:

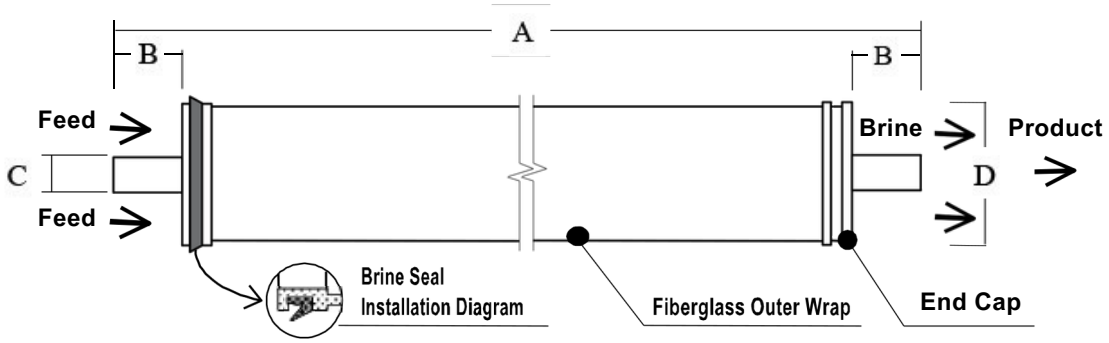
High Rejection, High Productivity:
High pressure application for sea water treatment

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- 4021	700(2.6)	35(3.2)	99.6%	99.4%	28(0.7)	800psi/32000ppm 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:



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