ULTRAMAR WATER

FLEXIBILITY MEETS SUSTAINABILITY

4″ Spiral Wound Elements for Brackish Water

Description:

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

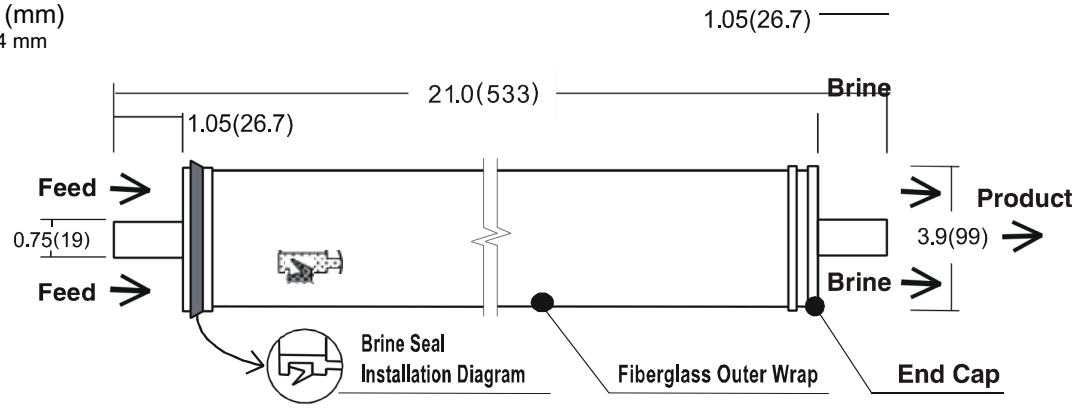
Specifications:

Model	Permeate Flow GPD(m^3/day)	Active Membrane Area ft^2(m^2)	Stabilized Salt Rejection	M inimum Salt Rejection	Feed spacer mil(mm)	Test Conditions
BW- 4021	900(3.4)	36(3.3)	99.6%	99.4%	28(0.7)	225psi/2000ppm NaCl

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

Element Dimension:

* Unit: Inch (mm)
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