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

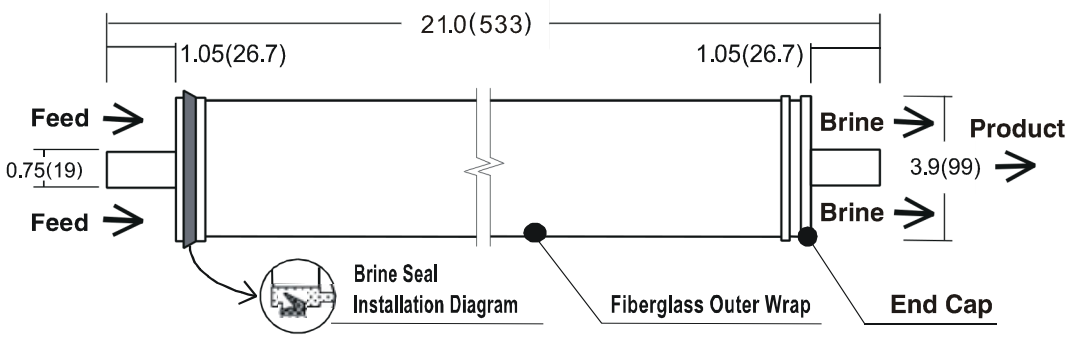
Specifications:

Model	Permeate Flow GPD(m^3/day)	Active Membrane Area ft^2(m^2)	Stabilized Salt Rejection	Minimum Salt Rejection	Feed spacer mil(mm)	Test Conditions
XULP-4021 ProArea	1400(5.25)	41(3.8)	99.0%	98.0%	28(0.7)	100psi/500ppm 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…….…….…….…….. 300psi(21bar)
Maximum Pressure Drop (single element)…….…… 15psi(1.0bar)
pH Range for Continuous Operation…….…….…….. 2-11 pH
Range for Cleaning…….…….…….…….. 2-12
Chlorine tolerance…….…….…….…….. <0.1ppm
Maximum Feed SDI…….…….…….…….…….…… 5