ULTRAMAR WATER

FLEXIBILITY MEETS SUSTAINABILITY

4″ Spiral Wound Elements for Brackish Water II

Description:

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

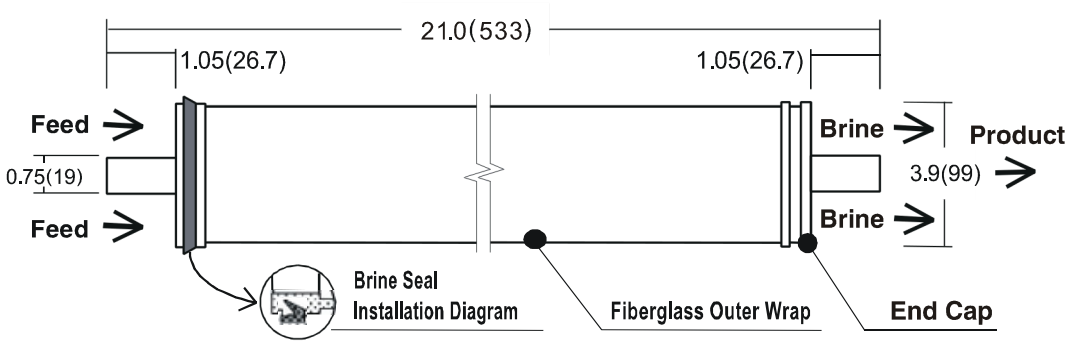
Specifications:

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
ULP- 4021	1050(4.0)	36(3.3)	99.2%	99.0%	28(0.7)	150psi/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..... 2-12
Chlorine tolerance..... <0.1ppm
Maximum Feed SDI..... 5