ULTRAMAR WATER

FLEXIBILITY MEETS SUSTAINABILITY

4″ Spiral Wound Elements for Brackish Water I

Description:

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

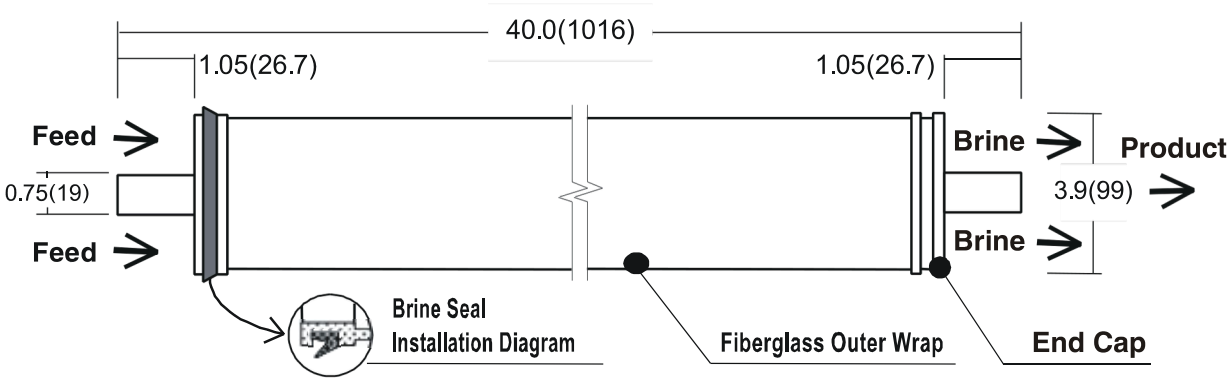
Specifications:

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
ULP- 4040	2500(9.5)	90(8.4)	99.2%	99.0%	28(0.7)	150psi/2000ppm NaCl

1. All performance data are collected at 25℃ (77℉), 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