

4" Spiral Wound Elements for Brackish Water I

Description:

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

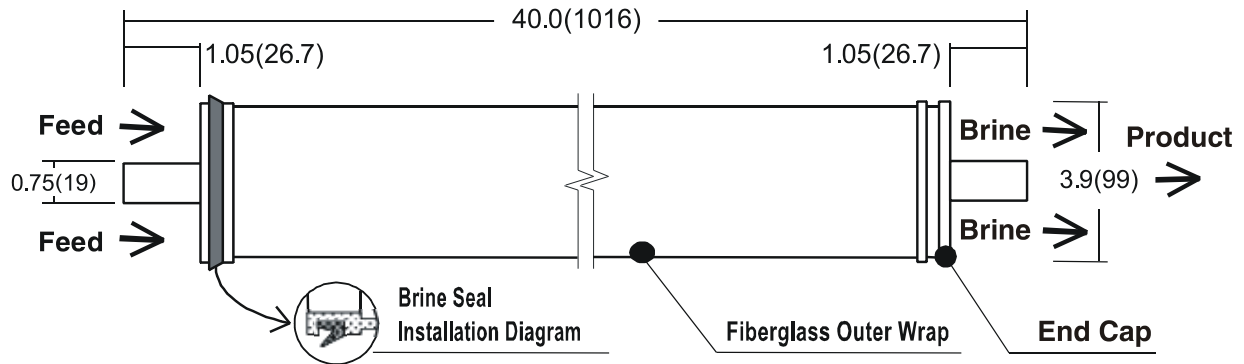
Specifications:

| 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-HR | 2100(8.0) | 90(8.4) | 99.4% | 99.2% | 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 |

