

## 8" Spiral Wound Elements for Brackish Water

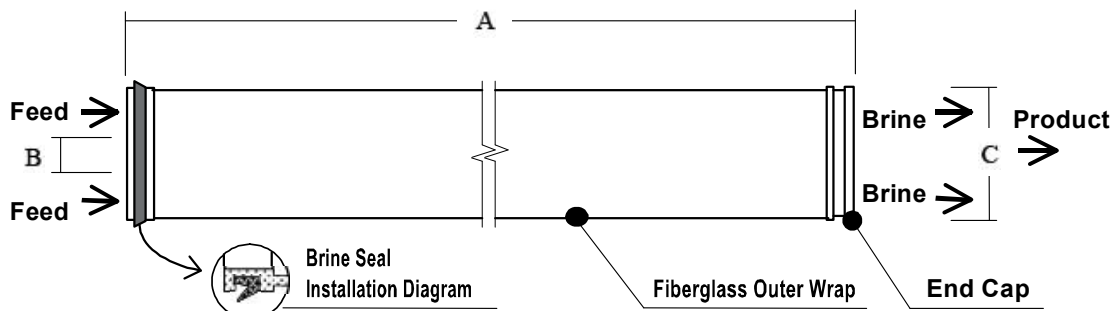
### Description:

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

### Specifications:

| Model                                                                                                                                     | Permeate Flow<br>GPD(m <sup>3</sup> /day) | Active Membrane<br>Area ft <sup>2</sup> (m <sup>2</sup> ) | Stabilized<br>Salt Rejection | Minimum<br>Salt Rejection | Feed spacer<br>mil(mm) | Test Conditions    |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------|------------------------------|---------------------------|------------------------|--------------------|
| <b>XULP-8040-440</b>                                                                                                                      | 11600(44)                                 | 440(41)                                                   | 99.2%                        | 99.0%                     | 28(0.7)                | 100psi/500ppm NaCl |
| 1. All performance data are collected at 25°C (77°F), pH7.5 and 15% recovery rate.<br>2. Permeate flows for single element may vary ±15%. |                                           |                                                           |                              |                           |                        |                    |

### Element Dimension:



| Product              | Dimensions – Inches (mm) |            |           |
|----------------------|--------------------------|------------|-----------|
|                      | A                        | B          | C         |
| <b>XULP-8040-440</b> | 40.0 (1016)              | 1.125 (29) | 7.9 (201) |

\* 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             |

