



## 8" Spiral Wound Elements for Brackish Water

### Description:

Low Pressure, High Productivity:

Low or ultra low pressure application for brackish water treatment

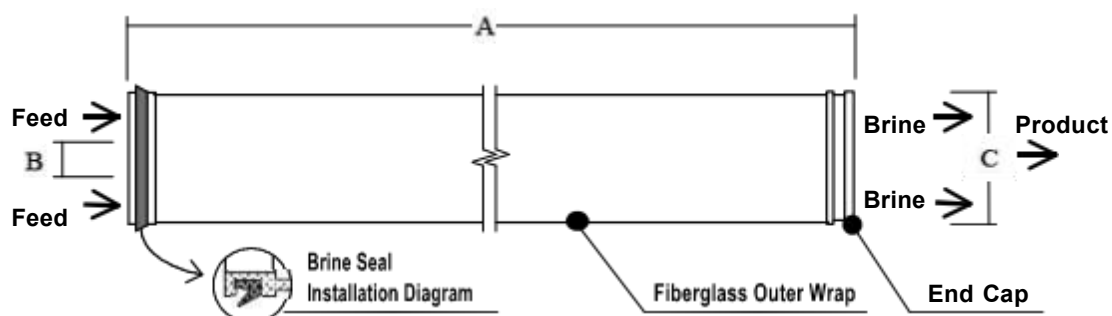
### Specifications:

| 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     |
|-----------------|-------------------------------------------|-----------------------------------------------------------|------------------------------|---------------------------|------------------------|---------------------|
| ULP-8040-440-HR | 11800(45)                                 | 440(41)                                                   | 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:



| Product         | Dimensions – Inches (mm) |            |           |
|-----------------|--------------------------|------------|-----------|
|                 | A                        | B          | C         |
| ULP-8040-440-HR | 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             |

