

## 8" Spiral Wound Elements for Brackish Water

### Description:

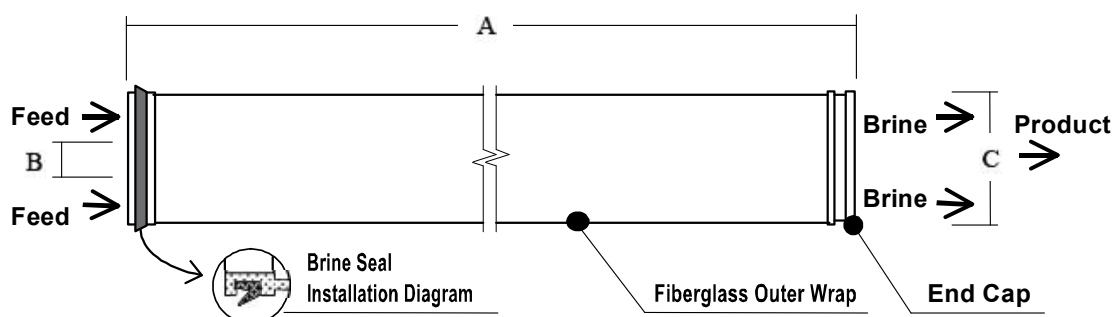
Low Pressure, High Productivity:  
Low or ultra low pressure application for brackish water treatment

### 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>BW-8040-400-HR</b> | 10500(40)                                 | 400(37)                                                   | 99.7%                        | 99.5%                     | 28(0.7)                | 225psi/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         |
| <b>BW-8040-400-HR</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.....                  | 1.2-12        |
| Chlorine tolerance.....                     | <0.1ppm       |
| Maximum Feed SDI.....                       | 5             |

