

## 2.5" Spiral Wound Elements for Brackish Water I

### Description:

Low Pressure, High Productivity:

Low or ultra low pressure application for brackish water treatment

### Specifications:

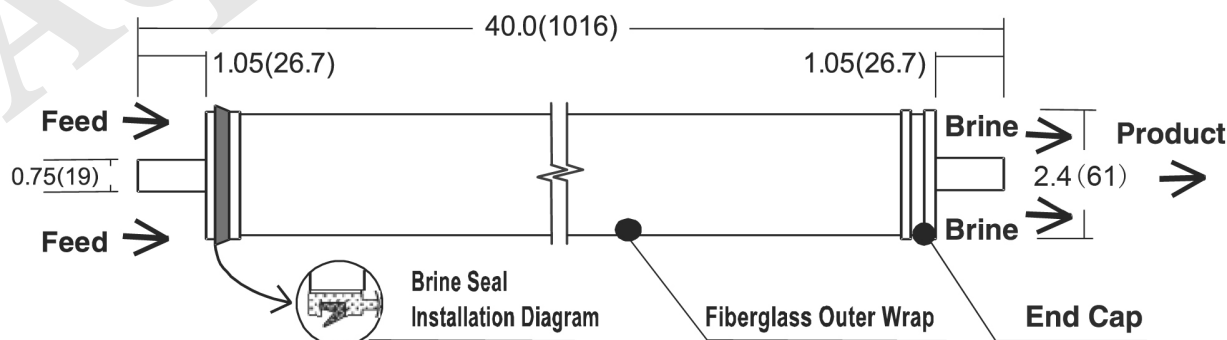
| Model            | Permeate Flow<br>GPD(m <sup>3</sup> /day) | Active Membrane Area ft <sup>2</sup> (m <sup>2</sup> ) | Stabilized Salt Rejection | Feed spacer mil(mm) | Test Conditions     |
|------------------|-------------------------------------------|--------------------------------------------------------|---------------------------|---------------------|---------------------|
| <b>BW-2540</b>   | 850(3.2)                                  | 27(2.5)                                                | 99.5%                     | 28(0.7)             | 225psi/2000ppm NaCl |
| <b>ULP-2540</b>  | 758(2.9)                                  | 27(2.5)                                                | 99.0%                     | 28(0.7)             | 150psi/2000ppm NaCl |
| <b>XULP-2540</b> | 758(2.9)                                  | 27(2.5)                                                | 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.

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.....      | 3-11          |
| pH Range for Cleaning.....                  | 1.5-12        |
| Chlorine tolerance.....                     | <0.1ppm       |
| Maximum Feed SDI.....                       | 5             |



## 2.5" Spiral Wound Elements for Brackish Water II

### Description:

Low Pressure, High Productivity:

Low or ultra low pressure application for brackish water treatment

### Specifications:

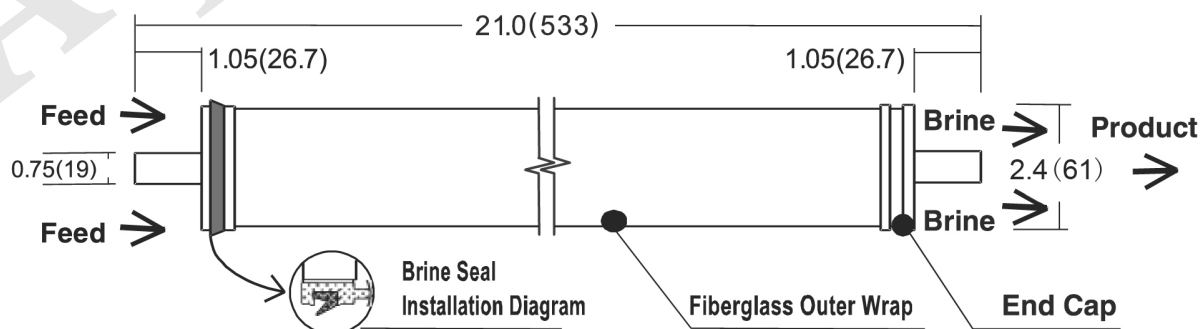
| Model            | Permeate Flow<br>GPD(m <sup>3</sup> /day) | Active Membrane<br>Area ft <sup>2</sup> (m <sup>2</sup> ) | Stabilized<br>Salt Rejection | Feed spacer<br>mil(mm) | Test Conditions     |
|------------------|-------------------------------------------|-----------------------------------------------------------|------------------------------|------------------------|---------------------|
| <b>BW-2521</b>   | 318(1.2)                                  | 11(1)                                                     | 99.5%                        | 28(0.7)                | 225psi/2000ppm NaCl |
| <b>ULP-2521</b>  | 318(1.2)                                  | 11(1)                                                     | 99.0%                        | 28(0.7)                | 150psi/2000ppm NaCl |
| <b>XULP-2521</b> | 365(1.4)                                  | 11(1)                                                     | 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.

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.....      | 3-11          |
| pH Range for Cleaning.....                  | 1.5-12        |
| Chlorine tolerance.....                     | <0.1ppm       |
| Maximum Feed SDI.....                       | 5             |

