

## 4" Spiral Wound Elements for Sea Water

### Description:

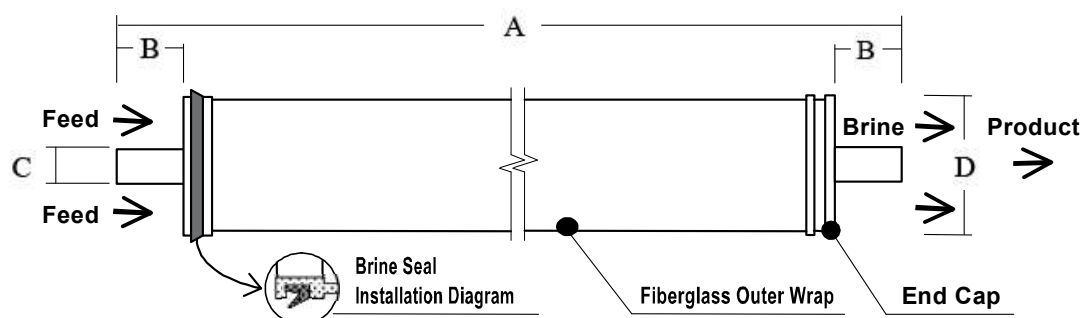
High Rejection, High Productivity:  
High pressure application for sea water treatment

### 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      |
|----------|-------------------------------------------|--------------------------------------------------------|---------------------------|---------------------|----------------------|
| SW- 4040 | 1900 (7.2)                                | 90(8.4)                                                | 99.7%                     | 28(0.7)             | 800psi/32800ppm NaCl |

1. All performance data are collected at 25°C (77°F), pH7.5 and 8% recovery rate.
2. Permeate flows for single element may vary  $\pm 15\%$ .

### Element Dimension:



| Product  | Dimensions – Inches (mm) |             |           |          |
|----------|--------------------------|-------------|-----------|----------|
|          | A                        | B           | C         | D        |
| SW- 4040 | 40.0 (1016)              | 1.05 (26.7) | 0.75 (19) | 3.9 (99) |

\* 1 inch= 25.4 mm

## Operating Limits for Design:

|                                             |                |
|---------------------------------------------|----------------|
| Maximum Operating Temperature.....          | 45°C(113°F)    |
| Maximum Operating Pressure.....             | 1000psi(69bar) |
| 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              |



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