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## Membrane Element 3G 1812-80

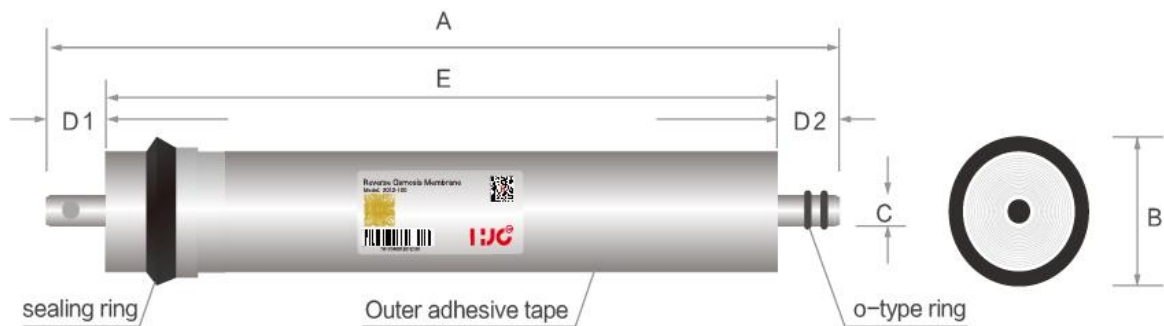
|                          |                                  |                     |
|--------------------------|----------------------------------|---------------------|
| <b>Performance:</b>      | Permeate Flow:                   | 80 gpd              |
|                          | Salt Rejection:                  | 98%                 |
| <b>Type</b>              | Configuration:                   | Spiral Wound        |
|                          | Membrane Polymer:                | Composite Polyamide |
|                          | Membrane Active Area:            | 0.728m <sup>2</sup> |
| <b>Application Data*</b> | Maximum Applied Pressure:        | 300PSI(2.06MPa)     |
|                          | Maximum Chlorine Concentration:  | < 0.1 PPM           |
|                          | Maximum Operating Temperature:   | 113° F ( 45°c)      |
|                          | PH Range, Continuous (Cleaning): | 2-12(3-10)          |
|                          | Maximum Feed Water TDS           | 4,500ppm            |
|                          | Maximum Feed Silt Density Index  | SDI 5               |

\* The limitations shown here are for general use. For specific projects, operating at more conservative values may ensure the best performance and longest life of the membrane.

**Test Conditions**

The stated performance is initial (data taken after 30 minutes of operation), based on the following conditions:

- 200 mg/L NaCl solution
- 60 psi (0.41 MPa) Applied Pressure**
- 77 °F (25 °c) Operating Temperature
- 15% Permeate Recovery
- 6.5-7.0 pH Range



| A.Inches(mm) | B.Inches(mm) | C.Inches(mm) | D1.Inches(mm) | D2.Inches(mm) | E.Inches(mm) |
|--------------|--------------|--------------|---------------|---------------|--------------|
| 11.7(298)    | 1.81(46)     | 0.68(17)     | 0.82(21)      | 0.82(21)      | 10.07(256)   |