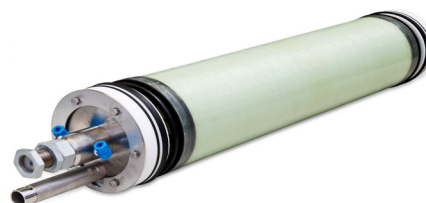
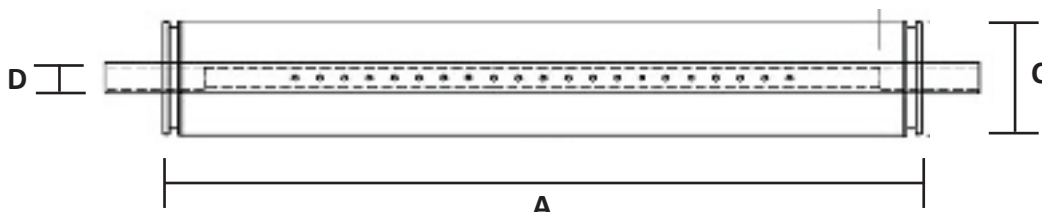


# AquaZoom

High Pressure, High Recovery RO Modules



## Spacer Tube (ST) RO3 Element Specifications



### Product Summary

| Model                              | RO3-8035MF-7G3F-2                                      |
|------------------------------------|--|
| Membrane Type                      | RO3; Brackish Water RO Membrane                        |
| Construction <sup>1</sup>          | Spiral Wound Element with FRP Outerwrap and Brine Seal |
| Applications                       | High Dissolved Solids Rejection, High Pressure         |
| Element Length with ATD ("A")      | 838 mm (33 in)   |
| Element Diameter ("C")             | 200 mm (7.9 in)  |
| Permeate Tube Outer Diameter ("D") | 60.3 mm (2.4 in)                                       |
| Permeate Flowrate <sup>2</sup>     | 15.8 m <sup>3</sup> /d (4,171 gpd)                     |
| Nominal Rejection <sup>2</sup>     | 98.5%  |
| Minimum Rejection <sup>2</sup>     | 98%  |
| Membrane Area                      | 23.9 m <sup>2</sup> (257 ft <sup>2</sup> )             |
| Feed Spacer                        | Proprietary Design                                     |
| Element Dry Weight                 | 12 kg (26.5 lb)  |
| Maximum Element ΔP                 | 1.2 bar (17.4 psi)                                     |
| Maximum Inlet Pressure             | 120 bar (1,740 psi)                                    |
| Maximum Temperature (Process; CIP) | 40°C (104°F) ; 45°C (113°F)                            |
| Continuous Process pH Range        | 3 - 11   |
| CIP pH Range                       | 2 - 12   |

<sup>1</sup>Brine seal to be installed in flow direction on the low pressure side/element outlet side of the AquaZoom™ element.

<sup>2</sup>Performance specifications shown are nominal values. Individual module permeate flowrates may vary by ±15% from the values shown. Test conditions: 2,000 mg/L NaCl Solution at 15.5 bar (225 psi) applied pressure, 15% recovery, 25°C (77°F) and pH 8.