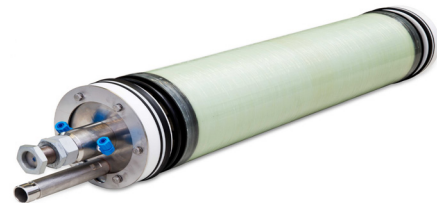
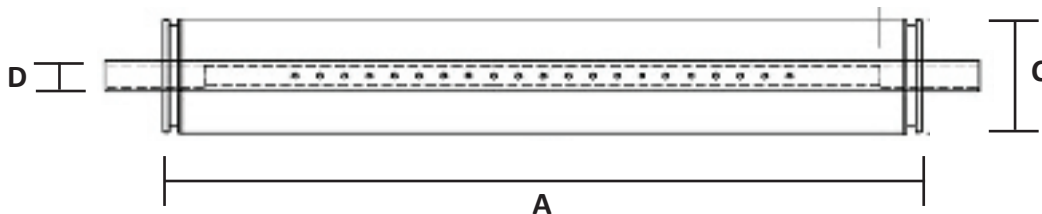


# AquaZoom

High Pressure, High Recovery RO Modules



## Spacer Tube + (ST+) RO3 Element Specifications



## Product Summary

Model	RO3-8042MF-713F-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")	1,016 mm (40 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>	20 m <sup>3</sup> /d (5,280 gpd)
Nominal Rejection <sup>2</sup>	98.5%
Minimum Rejection <sup>2</sup>	98%
Membrane Area	29.3 m <sup>2</sup> (315 ft <sup>2</sup> )
Feed Spacer	Proprietary Design
Element Dry Weight	15 kg (33 lb)
Maximum Element ΔP	1.5 bar (21.7 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.