



**Membrane Modules**

# ST+ Module Specifications

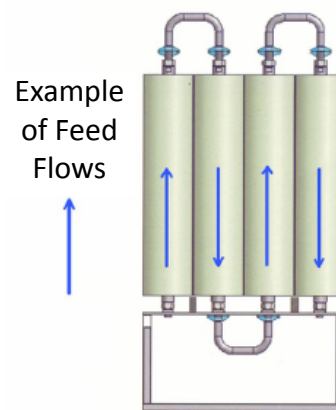
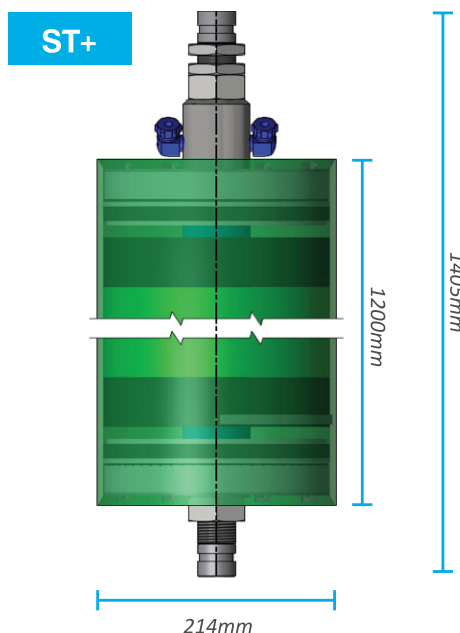
*High Pressure, High Rejection Spacer Tube Module*

## Product Summary

<b>Model</b>	ST-L-ROX Series
<b>Membrane Material</b>	RO3, RO4, RO6
<b>Construction<sup>1</sup></b>	ST+ Design Module Construction with GRP Shell
<b>Applications</b>	High dissolved solids rejection, high pressure
<b>Membrane Area</b>	26.5 m <sup>2</sup> (285 ft <sup>2</sup> )
<b>Feed In/Out Connections</b>	Victaulic 1"
<b>Permeate Out Connections</b>	Two (2) 11.6 mm x 9 mm quick coupling for hose
<b>Max. Temperature</b>	40°C (104°F)
<b>Max. Pressure</b>	90 bar (1,305 psi)
<b>ΔP per Module</b>	1.2 bar (17.4 psi)
<b>System Design Crossflow</b>	5-10 m <sup>3</sup> /h @ 1.2 bar (22-44 gpm @ 17.4 psi)
<b>Dry Weight Without Element</b>	40 kg (88.1 lbs.)
<b>Wet Weight with Element</b>	60 kg (132.2 lbs.)
<b>pH Range</b>	2 - 12

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

<sup>2</sup>Contact Nanostone Water for more information if pH CIP requirements fall outside of these limits.



**NOTE:** The feed flow can be from either end of the ST+ Module BUT the Membrane Element must be installed to suit the flow direction.

If feed flow is from top to bottom of the module the Membrane Element Seal must be on the bottom.