



Membrane Modules

ST++ Module Specifications

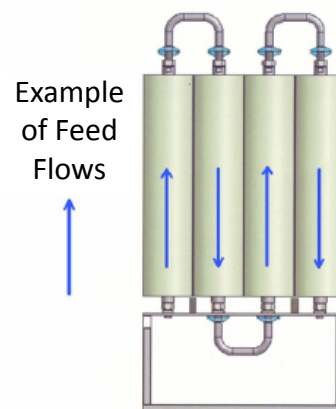
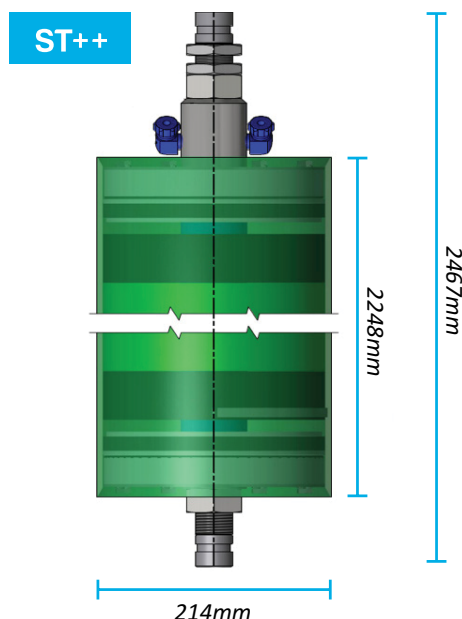
High Pressure, High Rejection Spacer Tube Module

Product Summary

Model	ST-DBL-ROX Series
Membrane Material	RO3, RO4, RO6
Construction¹	ST++ Design Module Construction with GRP Shell
Applications	High dissolved solids rejection, high pressure
Membrane Area	53 m ² (570 ft ²)
Feed In/Out Connections	Victaulic 1"
Permeate Out Connections	Two (2) 11.6 mm x 9 mm quick coupling for hose
Max. Temperature	40°C (104°F)
Max. Pressure	90 bar (1,305 psi)
ΔP per Module	2 bar (29 psi)
System Design Crossflow	10 m ³ /h @ 2 bar (44 gpm @ 29 psi)
Dry Weight Without Element	50 kg (110 lbs.)
Wet Weight with Element	90 kg (198 lbs.)
pH Range	2 - 12

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

²Contact 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.