



# MEMBRANE ELEMENT

# SAN-4040HS2RO

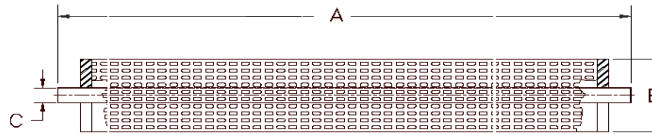
Heat Sanitizable Full-Fit & High Flux - High Rejection

## SPECIFICATIONS

Nominal Membrane Area:	90 sq.ft
Permeate Flow:	3,000 gpd (11.4 m <sup>3</sup> /d)
Stabilized Salt Rejection:	99.7 %
Membrane Polymer:	Polyamide Thin-Film Composite

The stated performance is based on the following conditions:

1500 ppm NaCl  
 225 psi (1.55 MPa) Applied Pressure  
 77 °F (25 °C) Operating Temperature  
 15% Permeate Recovery  
 pH 7.5



A, inches (mm)	B, inches (mm)	C, inches (mm)	Weight, lbs. (kg)
40.0 (1016)	3.9 (99)	0.75 (19)	8 (3.6)

## OPERATING DATA

Maximum Applied Pressure:	600 psig (4.16 MPa)
Free Chlorine Tolerance:	< 0.1 ppm
Maximum Operating Temperature:	131 °F (55 °C)
Maximum Sanitization Temperature:	185 °F (85 °C)
Maximum Sanitization Pressure:	25 psig
Continuous pH Range (Cleaning):	2 – 10 (1 - 12)
Maximum Feedwater Turbidity:	1.0 NTU
Maximum Feedwater SDI (15 mins):	5.0
Maximum Pressure Drop:	15 psi

### NOTICE:

Permeate flow for individual element may vary + or -20 percent. All membrane elements are supplied with a brine seal, interconnector and o-rings in a sealed polyethylene plastic bag with preservative solution. Use glycerin or silicon only, for lubrication of seals and o-rings. Static permeate back pressure must be always avoided. The information and data are offered in good faith, but without guarantee. Please refer to the application information literature entitled Operation Guidelines for more information before installing and operating the elements. Specifications can be modified without prior notice.