



MEMBRANE ELEMENT

SAN-4040HS2RO

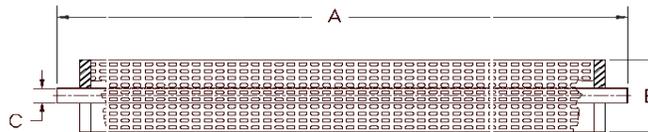
Heat Sanitizable Full-Fit - High Flux & High Rejection

SPECIFICATIONS

Nominal Membrane Area:	90 sq.ft
Permeate Flow:	3,000 gpd (11.4 m ³ /d)
Stabilized Salt Rejection:	99.6 %
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:	113 °F (45 °C)
Maximum Sanitization Temperature (25 psig):	185 °F (85 °C)
Continuous pH Range (Cleaning):	2 – 11 (1 - 12)
Maximum Feedwater Turbidity:	1.0 NTU
Maximum Feedwater SDI (15 mins):	5.0
Maximum Pressure Drop:	15 psi

NOTICE:

PERMEATE FLOW FOR AN INDIVIDUAL ELEMENT MAY VARY + OR - 15 PERCENT. ALL MEMBRANE ELEMENTS HAVE A BRINE SEAL, INTERCONNECTOR, AND O-RINGS IN A SEALED POLYETHYLENE PLASTIC BAG. USE GLYCERIN OR SILICON ONLY FOR LUBRICATION OF SEALS AND O-RINGS. ALWAYS AVOID STATIC PERMEATE BACKPRESSURE. WE OFFER DATA 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.