

Membrane Element SWC1-6040

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| Performance: | Permeate Flow: | 2,200 gpd (8.33 m ³ /d) |
| | Salt Rejection: Minimum: | 99.0 % |

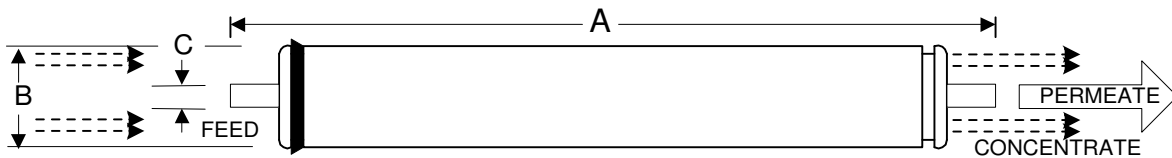
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|-------------|------------------------|---------------------|
| Type | Configuration: | Spiral Wound |
| | Membrane Polymer: | Composite Polyamide |
| | Nominal Membrane Area: | 120 ft ² |

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| Application Data | Maximum Applied Pressure: | 1000 psig (6.9 MPa) |
| | Maximum Chlorine Concentration: | < 0.1 PPM |
| | Maximum Operating Temperature: | 113 °F (45 °C) |
| | Feedwater pH Range: | 3.0 - 10.0 |
| | Maximum Feedwater Turbidity: | 1.0 NTU |
| | Maximum Feedwater SDI (15 mins): | 5.0 |
| | Maximum Feed Flow: | 16 GPM (3.6 m ³ /h) |
| | Minimum Recovery for any Element: | 10 % |
| Maximum Pressure Drop for Each Element: | 10 psi | |
| For operation outside these conditions, please contact Hydranautics. | | |

Test Conditions

The stated performance is initial (data taken after 30 minutes of operation), based on the following conditions:

32,000 ppm NaCl
800 psi (5.5 MPa) Applied Pressure
77 °F (25 °C) Operating Temperature
10% Permeate Recovery
6.5 - 7.0 pH Range



| | | | |
|----------------|----------------|----------------|-------------------|
| A, inches (mm) | B, inches (mm) | C, inches (mm) | Weight, lbs. (kg) |
| 40.00 (1016) | 5.98 (151.9) | 1.5 (38) | 16 (7.3) |

Core tube extension = 1.3" (32 mm)

Notice: Permeate flow for individual elements may vary + or - 15 percent. All membrane elements are supplied with a brine seal, interconnector, and o-rings. Elements are vacuum-sealed in a polyethylene bag containing less than 1.0% sodium meta-bisulfite solution, and then packaged in a cardboard box.

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