HYDRANAUTICS High Performance Membrane Products A NITTO DENKO CORPORATION

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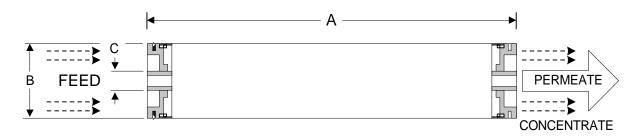
info@lenntech.com Tel. +31-152-610-900 www.lenntech.com Fax. +31-152-616-289

	Membrane Element	CAB1-8040	
Performance:	Permeate Flow: Salt Rejection:	8,500 gpd (32.2 m ³ /d)	
	Nominal	95.0 %	
	Minimum	92.5 %	
Туре	Configuration: Membrane Polymer: Nominal Membrane Area	Spiral Wound Blend Cellulose Acetate 340 ft ²	
Application Data	Maximum Applied Pressure: Feedwater Chlorine Concentration: Maximum Operating Temperature: Feedwater pH Range: Maximum Feedwater Turbidity: Maximum Feedwater SDI (15 mins): Maximum Feed Flow Minimum Ratio of Concentrate to Permeate Flow for any Element: Maximum Pressure Drop for Each Element:	600 psig (4.14 MPa) 0.3 - 0.5 PPM (1.0 PPM maximum) 104 °F (40 °C) 4.0 - 6.0 1.0 NTU 5.0 75 GPM (17.0 m ³ /h) 5:1 10 psi	

Test Conditions

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

2000 PPM NaCl solution 420 psi (2.89 MPa) Applied Pressure 77 °F (25 °C) Operating Temperature 10% Permeate Recovery 5.0 - 6.0 pH Range



Core tube ID = 1.125" (28.6 mm)

A, inches (mm)	B, inches (mm)	C, inches (mm)	Weight, lbs. (kg)
40.0 (1016)	7.95 (201.9)	1.50 (38.1)	36 (16.4)

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 preservative solution containing copper sulfate and glycerine, and then packaged in a cardboard box.

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