



## MES MS2 Membrane Specification Sheet – 8"

**Performance:** Permeate Flow: 12,000 gpd  
 Rejection: 99.2% (99.0% minimum)

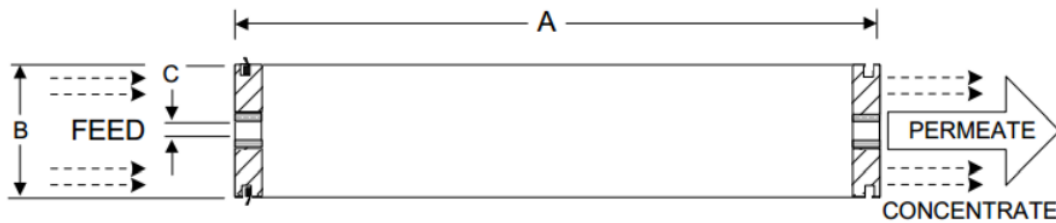
**Type:** Configuration: Spiral Wound  
 Membrane Polymer: Composite Polyamide  
 Membrane Active Area: 400 ft<sup>2</sup>

**Application Date:** Maximum Applied Pressure: 600 psig  
 Maximum Chlorine Concentration: <0.1 PPM  
 Maximum Operating Temperature: 113° F (45° C)  
 pH Range, Continuous (Cleaning): 2-10 (1-12)  
 Maximum Feedwater Turbidity: 1.0 NTU  
 Maximum Feedwater SDI (15 mins): 5  
 Maximum Feed Flow: 75GPM  
 Minimum Ratio of Concentrate to Permeate Flow for Any Element: 5:1  
 Maximum Pressure Drop for Each Element: 10 psi

### Test Conditions:

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

- 500 PPM NaCl Solution
- 100 psi Applied Pressure
- 77° F (25° C) Operating Temperature
- 15% Permeate Recovery
- 6.5-7.0 pH Range



A, inches (mm)	B, inches (mm)	C, inches (mm)	Weight, lbs. (kg)
40.0 (1016)	7.89 (200)	1.125 (28.6)	36 (16.4)