

Commercial CTA (Cellulose Triacetate) RO Membranes

AMI Commercial CTA (Cellulose Triacetate) Reverse Osmosis Membranes have a chlorine tolerance of 0.3 to 0.5 ppm and are suitable for a wide range of commercial and industrial applications and are available in standard sizes up to 4" diameter and 40" length.



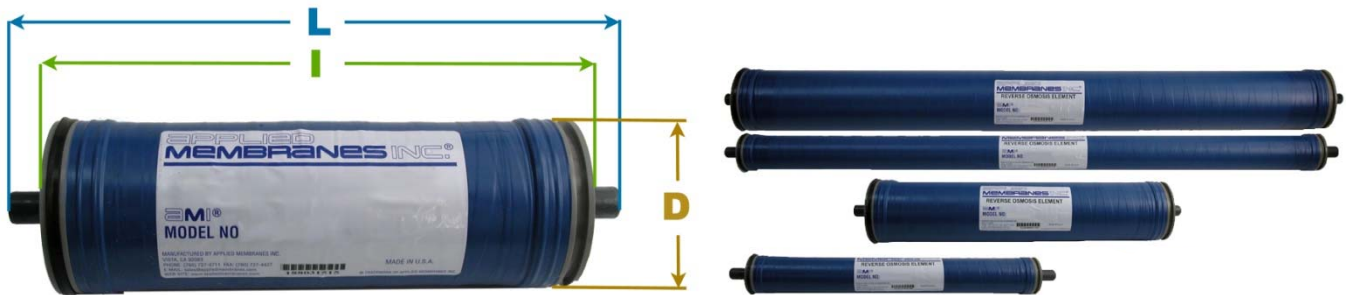
PERFORMANCE SPECIFICATIONS

Model No.	Permeate Flow Rate		Size (Dia. " × Length")	Single Element Recovery (%)	Minimum Salt Rejection (%)
	gpd	lpd			
M-C2521A	117	443	2.5 × 21	8	96
M-C2540A	250	946	2.5 × 40	15	96
M-C4021A	350	1325	4.0 × 21	8	96
M-C4040A	1000	3785	4.0 × 40	15	96

Note: Performance specifications based on 500 ppm tap water, 225psi (1.6 MPa) applied pressure, 77°F (25°C) feed water temperature, pH 7-8 and the recovery listed in the table above. Element permeate flow may vary ± 20%.

RECOMMENDED OPERATING CONDITIONS

◆ Maximum Operating Pressure	300 psig (2.1MPa)
◆ Maximum Operating Temperature	104°F (40°C)
◆ Maximum Feed water Turbidity	1 NTU
◆ Maximum Feed water Silt Density Index (15 min)	4
◆ Chlorine Tolerance	0.3-0.5 ppm (1 ppm maximum)
◆ Maximum Pressure Drop:	13psig (0.9 bar)
◆ Maximum Feed Flow Rate	
○ 2.5" Dia. Elements	6 gpm
○ 4" Dia. Elements	17 gpm
◆ Feed water pH Range (Continuous)	4-6
◆ Feed water pH Range (Cleaning - 30 min.)	3-8
◆ Minimum Brine Flow to Feed Flow Ratio	5:1



MEMBRANE ELEMENT DIMENSIONS

Model No.	L		l		D	
	inches	centimeters	inches	centimeters	inches	centimeters
M-C2521A	21	53.3	19	48	2.5	6.4
M-C2540A	40	101.6	38	96	2.5	6.4
M-C4021A	21	53.3	19	48	3.9	9.9
M-C4040A	40	101.6	38	96	3.9	9.9