

## Residential CTA (Cellulose Triacetate) RO Membranes

AMI Home CTA RO Membranes fit standard residential home RO Housings for point of use systems. AMI CTA AMI residential RO membrane elements are among the finest in the industry.



- ◆ AMI RO membranes deliver healthier and safer drinking water.
- ◆ Remove up to 94% of total dissolved solids.
- ◆ Chlorine Tolerance of 0.3 to 0.5 ppm

### PERFORMANCE SPECIFICATIONS

Model No.	Permeate Flow Rate		Size (Dia."× Length")	Minimum Salt Rejection (%)
	gpd	lpd		
M-C1812A10	10	38	1.8 × 12	94
M-C1812A15	15	57	1.8 × 12	94
M-C1812A20	20	76	1.8 × 12	94

Note: Performance specifications based on 500 ppm tap water, 65 psi (0.47 MPa) applied pressure, 77°F (25°C) feed water temperature, feed water pH 7-8 and 15% recovery. Element permeate flow may vary ± 20%.

### RECOMMENDED OPERATING CONDITIONS

◆ Maximum operating pressure	125 psi (0.86 MPa)
◆ Maximum feed flow rate	2 gpm
◆ 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)
◆ Feed water pH range, Continuous Operation	4-6
◆ Feed water pH range, Short-Term Cleaning (30 minutes)	3-8
◆ Minimum brine flow to permeate flow ratio	4:1



### MEMBRANE ELEMENT DIMENSIONS

Model No.	L		l		D	
	inches	centimeters	inches	centimeters	inches	centimeters
M-C1812A10	11.75	29.8	10.0	25.4	1.8	4.6
M-C1812A15	11.75	29.8	10.0	25.4	1.8	4.6
M-C1812A20	11.75	29.8	10.0	25.4	1.8	4.6