

AMI[®] MEMBRANES

RESIDENTIAL THIN FILM COMPOSITE ELEMENTS



12-100 GPD models listed on this page are NSF certified for material requirements only.[†]

PERFORMANCE SPECIFICATIONS

Model No.	Permeate Flow Rate [†]		Size (Dia." × Length")	Minimum Salt Rejection (%) ^{*†}	Stabilized Salt Rejection (%) ^{*†}
	Gals/Day	Liters/Day			
M-T1512A12	12	45	1.50 × 12	96	98
M-T1512A18	18	68	1.50 × 12	96	98
M-T1812A24	24	91	1.75 × 12	96	98
M-T1812A36	36	136	1.75 × 12	96	98
M-T1812A50	50	190	1.75 × 12	96	98
M-T1812A75	75	284	1.75 × 12	96	98
M-T1812A100	100	379	1.75 × 12	96	98
M-T1812A150	150	568	1.95 × 12	96	98

* Salt rejection shown is from internal test data.

Note: Performance specifications based on 500 ppm tap water, 50 psi (0.35 MPa) applied pressure, 77°F (25°C) feed water temperature, feed water pH 7-8 and 15% recovery. Element permeate flow may vary ± 20%.

M-T1512A12 through M-T1812A100



M-T1812A150



The 150 GPD membrane is designed for a tight fit for the most standard housings. If the membrane fits loosely, you may need to wrap a few layers of tape near one end to make a tight fit. Tape Part # X-T160VWHI-2113. A loose fit will result in a higher permeate TDS.

RECOMMENDED OPERATING CONDITIONS[†]

• Maximum operating pressure	125 psi (0.86 MPa)
• Maximum feed flow rate	2 gpm
• Maximum operating temperature	113°F (45°C)
• Maximum feed water turbidity	1 NTU
• Maximum feed water silt density index (15 min)	5
• Chlorine tolerance	0
• Feedwater pH range, Continuous Operation	2-11
• Feedwater pH range, Short-Term Cleaning (30 minutes)	1-12
• Minimum brine flow to permeate flow ratio	4:1

DIMENSIONS

Model No.	A		B		C	
	Inches	CM	Inches	CM	Inches	CM
M-T1512A12	11.75	29.8	10.0	25.4	1.50	3.8
M-T1512A18	11.75	29.8	10.0	25.4	1.50	3.8
M-T1812A24	11.75	29.8	10.0	25.4	1.75	4.4
M-T1812A36	11.75	29.8	10.0	25.4	1.75	4.4
M-T1812A50	11.75	29.8	10.0	25.4	1.75	4.4
M-T1812A75	11.75	29.8	10.0	25.4	1.75	4.4
M-T1812A100	11.75	29.8	10.0	25.4	1.75	4.4
M-T1812A150	11.75	29.8	10.0	25.4	1.95	5.0

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