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# PACKAGED WATER SOFTENER

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Optional: Preloaded, Skid Mounted,  
Prepiped and Prewired

## For Applications Such As

Apartments - Boiler Water Treatment - Motels - Schools - Nursing Homes -  
Office Buildings - Condominiums - Factories - Hospitals - R/O Pre-treatment

**Quality Products For Quality Water**

# MAT Series Softeners Offer:

## TWIN TANK ALTERNATING METER INITIATION

provides continuous soft water, 24 hours per day and regenerates only when needed, based on total gallon usage. Saves salt - and water.

## ALL BRASS, MOTOR DRIVEN CONTROL VALVE

with fully adjustable regeneration cycles. Eliminates problems caused by fluctuating water pressure and allows for simplified adjustments to handle those severe water problems.

## FIBERGLASS MINERAL TANKS/ POLYETHYLENE BRINE TANKS

Provides maximum corrosion resistance and ease of handling during installation.

Catalog No MAT-	Per Tank Grain Capacity and Salt Dosage Grains/Pounds		Max. Daily System Grain Capacity ❶	Pipe and Meter Size In. ❷	Service Flow Rates GPM		Backwash Flow Rate GPM	Resin CU.Ft. Per Tank	Tank Sizes		Salt Storage Lbs.	Dimensions In. ❸		
	Max	Min			Cont ❹	Peak ❺			Softener In.	Brine In.		Length	Width	Height
15M-¾	15,000/7.5	10,000/3	120,000	¾	11.6	15.7	1.2	0.5	7 x 44	18 x 33	290	38	18	52
22M-¾	22,500/11.25	15,000/4.5	176,000	¾	12.4	16.8	1.6	0.75	8 x 44	18 x 33	290	40	18	52
30M-¾	30,000/15	20,000/6	240,000	¾	14.0	18.6	2.0	1.0	9 x 48	18 x 33	290	42	18	48
45M-¾	45,000/22.5	30,000/9	360,000	¾	13.4	17.9	2.4	1.5	10 x 54	18 x 40	320	45	18	62
60M-¾	60,000/30	40,000/12	480,000	¾	14.0	18.4	3.5	2.0	12 x 52	18 x 40	320	49	18	60
60M-1	60,000/30	40,000/12	480,000	1	16.0	21.0	3.5	2.0	12 x 52	18 x 40	320	49	18	60
60M-1½	60,000/30	40,000/12	480,000	1½	28.0	39.0	3.5	2.0	13 x 54	18 x 40	320	52	18	62
90M-1	90,000/45	60,000/18	720,000	1	17.0	22.0	5.0	3.0	14 x 65	18 x 40	270	54	18	73
90M-1½	90,000/45	60,000/18	720,000	1½	31.0	42.0	5.0	3.0	14 x 65	18 x 40	270	56	18	75
120M-1	120,000/60	80,000/24	960,000	1	18.0	23.0	6.0	4.0	16 x 65	24 x 40	550	64	24	73
120M-1½	120,000/60	80,000/24	960,000	1½	34.0	46.0	6.0	4.0	16 x 65	24 x 40	550	68	24	75
150 M-1½	150,000/75	100,000/30	1,200,000	1½	38.5	50.0	8.0	5.0	18 x 65	24 x 40	500	72	24	75
180M-1½	180,000/90	120,000/36	1,440,000	1½	41.0	54.0	12.0	6.0	21 x 62	24 x 50	650	78	24	72
210M-1½	210,000/105	140,000/42	1,680,000	1½	39.0	52.0	12.0	7.0	21 x 62	24 x 50	600	78	24	72
240M-1½	240,000/120	160,000/48	1,920,000	1½	43.0	57.0	15.0	8.0	24 x 72	24 x 50	550	84	24	82
270M-1½	270,000/135	180,000/54	2,160,000	1½	42.0	55.0	15.0	9.0	24 x 72	24 x 50	500	84	24	82
300M-1½	300,000/150	200,000/60	2,400,000	1½	41.0	55.0	15.0	10.0	24 x 72	24 x 50	450	84	24	82
450M-1½	450,000/225	300,000/90	3,600,000	1½	45.0	62.0	25.0	15.0	30 x 72	30 x 48	590	102	30	82

❶ Requires 4 regenerations per tank in 24 hours

❷ ¾ In. meter is plastic with a range of Std. 125 to 2,125 gals. Ext. 625 to 10,625 gals

1 In. meter is brass with a range of Std. 310 to 5,270 gals. Ext. 1,550 to 26,350 gals.

1 1/2 In. meter is brass with a range of Std. 625 to 10,625 gals. Ext. 3,125 to 53,125 gals.

❹ At 15 psi pressure loss.

❺ At 25 psi pressure loss.

❸ Consult factory for other installation configurations.

## OPERATING SPECIFICATIONS

Pressure range - 25 to 125 psi  
 Temperature - up to 110°F  
 Electrical rating - 120v/60Hz, 220v/50Hz.  
 available on request.

Check with factory for other operating conditions

## QUALITY ASSURANCE

All MARLO units are engineered and thoroughly tested to provide years of trouble-free performance with a minimum of maintenance. All components are inspected, tested and warranted in writing.



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