
PACKAGED WATER SOFTENER



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 ①	Pipe and Meter Size In. ②	Service Flow Rates GPM		Backwash Flow Rate GPM	Resin CU.Ft. Per Tank	Tank Sizes		Salt Storage Lbs.	Dimensions In. ⑤		
	Max	Min			Cont ③	Peak ④			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
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	56
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

- ① Requires 4 regenerations per tank in 24 hours
- ② 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.
- ③ At 15 psi pressure loss.
- ④ At 25 psi pressure loss.
- ⑤ 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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