

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 | 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 |

- 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.



2227 South Street
 P.O. Box 044170
 Racine, WI 53404-7003
 Ph. (262) 681-1300
 Fax (262) 681-1318
www.Marlo-Inc.com