

Continuous supply of soft water.

Light commercial water softening equipment.

**TMI SERIES COMMERCIAL
WATER SOFTENERS**



TMI Series Commercial Water Softeners

Unlimited soft water supply...24 hours a day, 7 days a week

In a class by itself, TMI is engineered for the most demanding light commercial and heavy residential needs.

All water softeners require periodic regeneration when their softening capacity is exhausted. Conventional softeners can allow hard water to bypass the softener during regeneration.

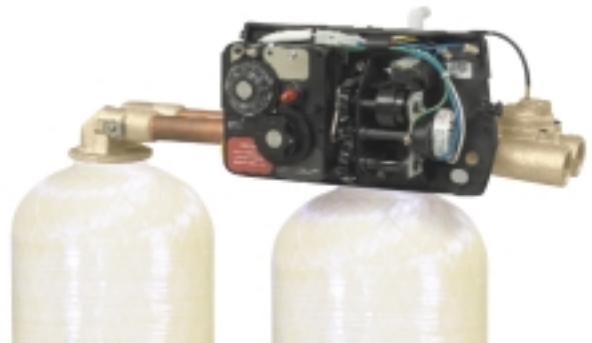
The TMI Series features a twin mineral tank system governed by a meter initiated control valve. One softener tank is in service, delivering soft water, while the second softener tank is held in reserve. When the softening capacity of the service tank is exhausted, the control valve automatically switches the water flow to the reserve tank. The exhausted tank regenerates immediately and then becomes the reserve. This ensures a continuous supply of soft water without the risk of hard water getting into the service flow, making the TMI Series ideal for feed water pretreatment of commercial and industrial reverse osmosis systems.

9000 Features

- Perfect for light commercial/heavy residential systems that require twin tank conditioning capabilities
- Excellent flow rates - up to 24 gpm (peak)
- 5 cycle control delivers controlled upflow backwash, downflow brining, slow rinse, rapid rinse, timed brine refill and downflow service all performed with conditioned water
- Backwash capacity handles tanks up to 16" diameter
- Choice of 3/4" or 1" meters satisfies wide range of operational needs

9000 Options

- Hot water (150°F max, 1" only)
- Nickel plating
- 3200ET Electronic timer



9000 valve with mechanical timer shown above

Also available: 9100 Valve

- The 9100 valve is similar in construction to the 9000 valve except that the valve body, second tank adapter and interconnecting piping are constructed of Noryl® composite material.



9500 Features

- Ideal for 1-1/2" commercial systems requiring flow rates up to 52 gpm (peak)
- Easily adjustable 5-cycle downflow brining control
- Backwash capability handles up to 24" diameter tanks, eliminating excessive, space-wasting multiple tank installations
- Rugged, long life construction featuring lead-free brass valve body
- Total flexibility in meter and timer setting
- Satisfies operational needs from 310 to 53,125 gallons
- Uses conditioned water for regeneration

9500 Options

- Hot water service (150°F)
- Nickel plating
- Extended range meter
- 3200ET Electronic timer
- Sleeved to 1" meter



9500 valve with 3200ET optional timer shown above

Model 9000 Valve (3/4" & 1" NPT) and 9500 Valve (1-1/2" NPT)

| Model | Capacity Kilograins @ 10 lb salt @ 15 lb salt | Resin+ Volume Cu Ft (Cu M) | Flow Rates USGPM (LPS) | | | Max Flow to Drain USGPM (LPS) | Salt per Regeneration Lbs (Kg) @ 10 lb salt @ 15 lb salt | Softener Tank Dia. x Height Inches (Millimeters) | Brine Tank Dia. x Height Inches (Millimeters) | Approx. Space Required - Inches (Millimeters) | | | Shipping Weight Single Lbs (Kg) |
|----------------|---|----------------------------|-------------------------|--------------|--------------|-------------------------------|--|--|---|---|-------------|---------------|---------------------------------|
| | | | Critical App. Max. Flow | 15 psi drop | 25 psi drop | | | | | Height | Depth | Width | |
| TMI 30-3/4" | 27,000 30,000 | 1.0 (.028) | 5 (0.32) | 13 (0.82) | 18 (1.14) | 2.0 (0.13) | 10 (4.5) 15 (6.8) | 9x48 (229x1219) | 21x36 (533x914) | 59 (1499) | 25 (635) | 62 (1575) | 250 (114) |
| TMI 30-1" | 27,000 30,000 | 1.0 (.028) | 5 (0.32) | 14 (0.88) | 19 (1.20) | 2.0 (0.13) | 10 (4.5) 15 (6.8) | 9x48 (229x1219) | 21x36 (533x914) | 59 (1499) | 25 (635) | 62 (1575) | 250 (114) |
| TMI 40-3/4" | 36,000 40,000 | 1.33 (.038) | 6.5 (0.41) | 13 (0.82) | 18 (1.14) | 2.4 (0.15) | 13.3 (6.0) 20 (9.1) | 10x54 (254x1372) | 21x36 (533x914) | 65 (1651) | 25 (635) | 64 (1626) | 290 (132) |
| TMI 40-1" | 36,000 40,000 | 1.33 (.038) | 6.5 (0.41) | 15 (0.95) | 21 (1.32) | 2.4 (0.15) | 13.3 (6.0) 20 (9.1) | 10x54 (254x1372) | 21x36 (533x914) | 65 (1651) | 25 (635) | 64 (1626) | 290 (132) |
| TMI 50-3/4" | 40,500 45,000 | 1.66 (.047) | 8 (0.50) | 15 (0.95) | 21 (1.32) | 4 (0.25) | 16.6 (7.5) 25 (11.3) | 12x52 (305x1321) | 21x36 (533x914) | 63 (1600) | 25 (635) | 68 (1727) | 355 (161) |
| TMI 50-1" | 40,500 45,000 | 1.66 (.047) | 8 (0.50) | 17 (1.07) | 23 (1.45) | 4 (0.25) | 16.6 (7.5) 25 (11.3) | 12x52 (305x1321) | 21x36 (533x914) | 63 (1600) | 25 (635) | 68 (1727) | 355 (161) |
| TMI 60-3/4" | 54,000 60,000 | 2 (.057) | 10 (0.63) | 16 (1.01) | 22 (1.39) | 5 (0.32) | 20 (0.91) 30 (13.6) | 14x50 (356x1270) | 21x36 (533x914) | 61 (1549) | 25 (635) | 72 (1829) | 430 (195) |
| TMI 60-1" | 54,000 60,000 | 2 (.057) | 10 (0.63) | 18 (1.14) | 25 (1.58) | 5 (0.32) | 20 (0.91) 30 (13.6) | 14x50 (356x1270) | 21x36 (533x914) | 61 (1549) | 25 (635) | 72 (1829) | 430 (195) |
| TMI 60-1-1/2" | 54,000 60,000 | 2 (.057) | 10 (0.63) | 33 (2.08) | 45 (2.84) | 5 (0.32) | 20 (9.1) 30 (13.6) | 14x50 (356x1270) | 21x36 (533x914) | 62 (1575) | 30 (762) | 69 (1753) | 510 (232) |
| TMI 90-3/4" | 81,000 90,000 | 3 (.085) | 15 (0.95) | 15 (0.95) | 21 (1.32) | 5 (0.32) | 30 (13.6) 45 (20.5) | 14x65 (356x1651) | 21x36 (533x914) | 76 (1930) | 25 (635) | 72 (1829) | 540 (245) |
| TMI 90-1" | 81,000 90,000 | 3 (.085) | 15 (0.95) | 17 (1.07) | 23 (1.45) | 5 (0.32) | 30 (13.6) 45 (20.5) | 14x65 (356x1651) | 21x36 (533x914) | 76 (1930) | 25 (635) | 72 (1829) | 540 (245) |
| TMI 90-1-1/2" | 81,000 90,000 | 3 (.085) | 15 (0.95) | 29 (1.83) | 41 (1.90) | 5 (0.32) | 30 (13.6) 45 (20.5) | 14x65 (356x1651) | 24x50 (610x1270) | 77 (1956) | 30 (762) | 69 (1753) | 610 (277) |
| TMI 120-1" | 108,000 120,000 | 4 (.112) | 18 (1.14) | 18 (1.14) | 24 (1.51) | 7 (0.44) | 40 (18.2) 60 (27.3) | 16x65 (406x1651) | 21x36 (533x914) | 76 (1930) | 30 (762) | 81 (2057) | 680 (309) |
| TMI 120-1-1/2" | 108,000 120,000 | 4 (.112) | 20 (1.26) | 32 (2.02) | 44 (2.78) | 7 (0.44) | 40 (18.2) 60 (27.3) | 16x65 (406x1651) | 21x36 (533x914) | 77 (1956) | 30 (762) | 73 (1854) | 750 (341) |
| TMI 150-1-1/2" | 135,000 150,000 | 5 (.141) | 25 (1.58) | 39 (2.46) | 52 (3.28) | 12 (0.75) | 50 (22.7) 75 (34.1) | 21x54 (533x1372) | 24x48 (610x1219) | 71 (1803) | 30 (762) | 92 (2337) | 960 (436) |
| TMI 180-1-1/2" | 162,000 180,000 | 6 (.167) | 30 (1.89) | 38 (2.40) | 50 (3.15) | 12 (0.75) | 60 (27.3) 90 (40.9) | 21x54 (533x1372) | 24x48 (610x1219) | 71 (1803) | 30 (762) | 92 (2337) | 1070 (486) |
| TMI 210-1-1/2" | 189,000 210,000 | 7 (.198) | 35 (2.21) | 37 (2.33) | 50 (3.15) | 12 (0.75) | 70 (31.8) 105 (47.7) | 21x69 (533x1753) | 24x48 (610x1219) | 86 (2184) | 30 (762) | 92 (2337) | 1230 (559) |
| TMI 240-1-1/2" | 189,000 240,000 | 8 (0.23) | 36 (2.27) | 36 (2.27) | 48 (3.03) | 12 (0.75) | 80 (36.4) 120 (54.5) | 21x69 (533x1753) | 24x48 (610x1219) | 86 (2184) | 30 (762) | 92 (2337) | 1340 (609) |
| TMI 270-1-1/2" | 243,000 270,000 | 9 (0.26) | 38 (2.40) | 38 (2.40) | 51 (3.22) | 15 (0.94) | 90 (40.8) 135 (61.4) | 24x72 (610x1829) | 30x48 (762x1219) | 89 (2261) | 36 (914) | 104 (2642) | 1590 (723) |
| TMI 300-1-1/2" | 270,000 300,000 | 10 (0.28) | 38 (2.40) | 38 (2.40) | 51 (3.22) | 15 (0.94) | 100 (45.4) 150 (68.2) | 24x72 (610x1829) | 30x48 (762x1219) | 89 (2261) | 36 (914) | 104 (2642) | 1695 (771) |
| TMI 330-1-1/2" | 297,000 330,000 | 11 (0.31) | 37 (2.33) | 37 (2.33) | 50 (3.15) | 15 (0.94) | 110 (50.0) 165 (75.0) | 24x72 (610x1829) | 30x48 (762x1219) | 89 (2261) | 36 (914) | 104 (2642) | 1800 (818) |

* Resin Volume is per tank, system volume is twice the individual tank volume.