



AQUA MAGIC PRO

1TFB

Model Specifications

Model

Aqua Magic Plus 1" FB Twin Series

| | Model Number | AM1TFB-48 | AM1TFB-60 | AM1TFB-90 | AM1TFB-120 | AM1TFB-150 | AM1TFB-180 | AM1TFB-240 |
|--|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Rated Softener Capacity (grains/lbs. Salt) | Min. | 15,000/5 | 20,000/6 | 30,000/9 | 40,000/12 | 50,000/15 | 60,000/18 | 80,000/24 |
| | Med. | 18,000/6 | 24,000/9 | 36,000/13.5 | 48,000/18 | 60,000/22.5 | 72,000/27 | 96,000/36 |
| | Max. | 24,000/12 | 32,000/15 | 48,000/22.5 | 64,000/30 | 80,000/37.5 | 96,000/45 | 128,000/60 |
| Amount of High-Capacity Cat-ion Resin Media (Cu. Ft.) | | .75 | 1 | 1.5 | 2 | 2.5 | 3 | 4 |
| Service Flow Rate (GPM) at 15 PSI Loss | | 10 | 10 | 11 | 15 | 19 | 19 | 20 |
| Service Flow Rate flow rate at 25 PSI Pressure Loss | | 12 | 13 | 14 | 18 | 22 | 23 | 24 |
| Min. to Max. Working Pressure | | 20/125 | 20/125 | 20/125 | 20/125 | 20/125 | 20/125 | 20/125 |
| Min. to Max. Operating Temperature (°F) | | 40/110 | 40/110 | 40/110 | 40/110 | 40/110 | 40/110 | 40/110 |
| Max Flow to Drain During Regeneration (GPM) | | 1.2 | 2.2 | 2.7 | 3.2 | 4.2 | 5.3 | 6.5 |
| Electrical Requirements (Voltz-Hertz) | | 15V DC |
| Pipe Size (Inches) | | ¾" - 1.5" | ¾" - 1.5" | ¾" - 1.5" | ¾" - 1.5" | ¾" - 1.5" | ¾" - 1.5" | ¾" - 1.5" |
| Total Dimensions | Tank Size | 8x44 | 9x48 | 10x54 | 12x52 | 13x54 | 14x65 | 16x65 |
| | Media Tank & Valve | 8"D x 52"H | 9"D x 56"H | 10"D x 62"H | 12"D x 60"H | 13"D x 62"H | 14"D x 73"H | 16"D x 73"H |
| | Brine Tank | 18"D x 33"H | 18"D x 33"H | 18"D x 33"H | 18"D x 40"H | 18"D x 40"H | 24"D x 41"H | 24"D x 41"H |
| | Max salt storage | 275lbs | 300lbs | 300lbs | 450lbs | 450lbs | 700lbs | 900lbs |

Cycle Times

Model

Cycle Times

| Size of tank | AM1TFB-48 | | AM1TFB-60 | | AM1TFB-90 | | AM1TFB-120 | | AM1TFB-150 | | AM1TFB-180 | | AM1TFB-240 | |
|------------------------|-----------|----|-----------|----|-----------|----|------------|-----|------------|-----|------------|-----|------------|-----|
| Backwash | 8 | 14 | 8 | 18 | 8 | 22 | 8 | 26 | 8 | 34 | 8 | 42 | 8 | 60 |
| Brine and Rinse | 60 | 17 | 60 | 20 | 60 | 23 | 60 | 33 | 60 | 41 | 60 | 47 | 60 | 68 |
| Rinse | 6 | 7 | 6 | 9 | 6 | 11 | 6 | 13 | 6 | 17 | 6 | 21 | 6 | 30 |
| Brine Refill | 4 | 3 | 6 | 3 | 9 | 4 | 12 | 6 | 15 | 8 | 18 | 9 | 24 | 12 |
| Total | 86 | 54 | 88 | 68 | 91 | 82 | 94 | 104 | 97 | 134 | 100 | 135 | 106 | 230 |

*Colored boxes are gallons of water used; White boxes are time in minutes

*All water softeners assembled by Frakco, Inc. are set at a medium-rated softener capacity. Systems are not intended for treating microbiologically unsafe or unknown water without adequate pre or post-disinfection. Performance can fluctuate based on water quality. All systems are built using NSF-certified components.

