



AQUA MAGIC PRO



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	80,000/24
	Med.	18,000/6	24,000/9	36,000/13.5	48,000/18	60,000/22.5	96,000/36
	Max.	24,000/12	32,000/15	48,000/22.5	64,000/30	80,000/37.5	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)	1.7	2.2	2.7	3.2	4.2	3.2	4.2
Electrical Requirements (Voltz-Hertz)	15V DC	15V DC	15V DC	15V DC	15V DC	15V DC	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	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	16"D x 73"H
	Brine Tank	15"D x 17"H	15"D x 17"H	15"D x 17"H	18"D x 40"H	18"D x 40"H	24"D x 50"H
	Max salt storage	275lbs	300lbs	300lbs	450lbs	450lbs	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
2nd Backwash	8	14	8	18	8	22	8	26	8	34	8	42	8	60
Rinse	4	7	4	9	4	11	4	13	4	17	4	21	4	30
Brine Refill	4	3	6	3	9	4	12	6	15	8	18	9	24	12
Total	84	54	86	68	89	82	92	104	95	134	98	135	104	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.

