



AQUA MAGIC ^{Plus} 1EE

Model Specifications

Model

Aqua Magic Plus 1" EE Series

Model Number	AM1EE-24M	AM1EE-32M	AM1EE-40M	AM1EE-48M	AM1EE-64M	AM1EE-75M	
Rated Softener Capacity (grains/lbs. Salt)	Min.	15,000/5	20,000/6	25,000/7.5	30,000/9	40,000/12	50,000/15
	Med.	18,000/6	24,000/9	30,000/12	36,000/13.5	48,000/18	60,000/22.5
	Max.	24,000/12	32,000/15	40,000/19	48,000/22.5	64,000/30	80,000/37.5
Amount of High-Capacity Cation Resin Media (cu.ft.)	.75	1	1.25	1.5	2	2.5	
Service Flow Rate (GPM) at 15 PSI Loss	10	10	12	11	15	19	
Service Flow Rate (GPM) at 25 PSI Pressure Loss	12	13	14	14	18	22	
Min. to Max. Working Pressure (PSI)	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	
Max Flow to Drain During Regeneration (GPM)	1.7	2.2	2.7	2.7	3.2	4.2	
Electrical Requirements	15V DC	15V DC	15V DC	15V DC	15V DC	15V DC	
Pipe Size	¾" - 1.5"	¾" - 1.5"	¾" - 1.5"	¾" - 1.5"	¾" - 1.5"	¾" - 1.5"	
Total Dimensions	Tank Size	8x44	9x48	10x47	10x54	12x52	13x54
	Media Tank & Valve	8"D x 52"H	9"D x 56"H	10"D x 55"H	10"D x 62"H	12"D x 60"H	13"D x 62"H
	Brine Tank	15"D x 17"W x 33"H	15"D x 17"W x 33"H	15"D x 17"W x 33"H	15"D x 17"W x 33"H	18"D x 40"H	18"D x 40"H
	Max Salt Storage	300lbs	300lbs	300lbs	300lbs	450lbs	450lbs



Cycle Times

Model

Cycle Times

Model Number	AM1EE-24M		AM1EE-32M		AM1EE-40M		AM1EE-48M		AM1EE-64M		AM1EE-75M	
Backwash	8	14	8	18	8	22	8	22	8	26	8	34
Brine and Rinse	60	17	60	20	60	23	60	23	60	33	60	41
Rinse	6	7	6	9	6	11	6	11	6	13	6	17
Brine Refill	4	2	6	3	7.5	4	9	4	12	6	15	8
Total	78	40	80	50	81.5	60	83	60	86	78	89	100

*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.