



## Model Specifications

<i>Model</i>		<b>Aqua Magic Plus 1.5" EE Series</b>					
<i>Model Number</i>		AM150EE-75	AM150EE-90	AM150EE-120	AM150EE-150	AM150EE-210	AM150EE-300
<b>Rated Softener Capacity (grains/lbs. Salt)</b>	Min.	50,000/15	60,000/18	80,000/24	100,000/30	140,000/42	200,000/60
	Med.	60,000/22.5	72,000/27	96,000/36	120,000/45	168,000/63	240,000/70
	Max.	75,000/37.5	90,000/45	120,000/60	150,000/75	210,000/105	300,000/150
<b>Amount of High-Capacity Cation Resin Media (cu.ft.)</b>		2.5	3	4	5	7	10
<b>Service Flow Rate (GPM) at 15 PSI Loss</b>		35	35	40	44	50	53
<b>Service Flow Rate (GPM) at 25 PSI Pressure Loss</b>		45	46	52	57	64	68
<b>Min. to Max. Working Pressure (PSI)</b>		20-125	20-125	20-125	20-125	20-125	20-125
<b>Min. to Max. Operating Temperature (°F)</b>		40/110	40/110	40/110	40/110	40/110	40/110
<b>Max Flow to Drain During Regeneration (GPM)</b>		4.2	5.3	6.5	7.5	10	15
<b>Electrical Requirements (Voltz-Hertz)</b>		12V AC	12V AC	12V AC	12V AC	12V AC	12V AC
<b>Pipe Size</b>		1.5	1.5	1.5	1.5	1.5	1.5
<b>Total Dimensions</b>	Tank Size	13x54	14x65	16x65	18x65	21x62	24x72
	Media Tank & Valve	13"D x 61.5"H	14"D x 72.5"H	16"D x 72.5"H	18"D x 72.5"H	21"D x 69.5"H	24"D x 78.5"H
	Brine Tank	18"D x 40"H	24"D x 41"H	24"D x 50"H	24"D x 50"H	24"D x 50"H	24"D x 50"H
	Max Salt Storage	450lbs	700lbs	900lbs	900lbs	900lbs	900lbs



## Cycle Times

<i>Model</i>	<b>Cycle Times</b>											
<i>Model Number</i>	AM150EE-75		AM150EE-90		AM150EE-120		AM150EE-150		AM150EE-210		AM150EE-300	
<b>Backwash</b>	8	34	8	42	8	52	8	60	8	80	8	120
<b>Brine and Rinse</b>	60	49	60	81	60	90	60	129	60	165	60	216
<b>Rinse</b>	6	25	6	32	6	39	6	45	6	60	6	90
<b>Brine Refill</b>	15	8	18	9	24	12	30	15	42	21	60	30
<b>Total</b>	89	116	92	164	98	193	104	249	116	326	134	456

\*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.