

# CS SERIES AQUA MAGIC



## Model Specifications

Model		Aqua Magic CS Drop Series					
Model Number		AM1CS-24B	AM1CS-32B	AM1CS-40B	AM1CS-48B	AM1CS-64B	AM1CS-75B
Rated Softener Capacity (grains/lbs. Salt)	Min.	50,000/5	20,000/6	24,000/7.5	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	10	10	12	14
Service Flow Rate (GPM) at 25 PSI Pressure Loss		12	13	14	14	15	18
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)		1.5	2	2.4	2.4	3	4
Electrical Requirements (Voltz-Hertz)		12V AC	12V AC	12V AC	12V AC	12V AC	12V AC
Pipe Size (Inches)		¾"-1"	¾"-1"	¾"-1"	¾"-1"	¾"-1"	¾"-1"
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
	Mas Salt Storage	300lbs	300lbs	300lbs	300lbs	300lbs	300lbs



## Cycle Times

Model	Cycle Times											
Model Number	AM1CS-24B		AM1CS-32B		AM1CS-40B		AM1CS-48B		AM1CS-64B		AM1CS-75B	
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	86	54	88	68	89.5	82	91	82	94	104	97	134

\*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.