



AQUA MAGIC

9100SXTT

Model Specifications

Model

Aqua Magic 9100 Twin SXT Series

Model Number		FC9148	FC9160	FC91090	FC91120	FC91150	FC91180	FC91240
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	90,000/45	120,000/60
	Amount of High-Capacity Cation Resin Media (cu.ft.)	.75	1	1.5	2	2.5	3	4
Service Flow Rate (GPM) at 15 PSI Loss		12	14	13	15	15	15	15
Service Flow Rate (GPM) at 25 PSI Pressure Loss		17	19	18	19	20	20	20
Min. to Max. Working Pressure (PSI)		20-120	20-120	20-120	20-120	20-120	20-120	20-120
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)		1.5	2	2.4	3	3.5	4	5
Electrical Requirements (Voltz-Hertz)		24V AC	24V AC	24V AC	24V AC	24V AC	24V AC	24V AC
Pipe Size (Inches)		¾"-1"	¾"-1"	¾"-1"	¾"-1"	¾"-1"	¾"-1"	¾"-1"
Total Dimensions	Tank Size	8x44	9x48	10x54	12x52	13x54	14x65	16x65
	Media Tank & Valve	8"D x 51.5"H	9"D x 55.5"H	10"D x 61.5"H	12"D x 59.5"H	13"D x 59.5"H	14"H x 72.5"D	16"D x 72.5"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	300lbs	300lbs	300lbs	450lbs	450lbs	700lbs	700lbs



Cycle Times



Model

Cycle Times

Model Number	FC9148		FC9160		FC91090		FC91120		FC91150		FC91180		FC91240	
Backwash	8	12	8	16	8	19	8	24	8	28	8	32	8	40
Brine and Rinse	60	17	60	20	60	23	60	33	60	41	60	47	60	68
Rinse	6	9	6	12	6	13	6	18	6	21	6	24	6	30
Brine Refill	5	3	6	3	9	5	12	6	15	8	18	9	24	12
Total	79	41	80	51	83	60	86	81	89	98	92	112	98	150

*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.