



## Model Specifications

Model

### Aqua Magic 9100 Twin SXT Series

	Model Number	FC9148	FC9160	FC91090	FC91120	FC91150	FC91180
<b>Rated Softener Capacity (grains/lbs. Salt)</b>	Min.	15,000/5	20,000/6	25,000/7.5	30,000/9	40,000/12	60,000/18
	Med.	18,000/6	24,000/9	30,000/12	36,000/13.5	48,000/18	72,000/27
	Max.	24,000/12	32,000/15	40,000/19	48,000/22.5	64,000/30	90,000/45
<b>Amount of High-Capacity Cation Resin Media (cu.ft.)</b>		.75	1.0	1.5	2.0	2.5	3
<b>Service Flow Rate (GPM) at 15 PSI Loss</b>		12	13	15	15	15	15
<b>Service Flow Rate (GPM) at 25 PSI Pressure Loss</b>		15	18	18	20	20	20
<b>Min. to Max. Working Pressure (PSI)</b>		20-120	20-120	20-120	20-120	20-120	20-120
<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>		1.5	2.0	2.4	3.0	3.5	4.0
<b>Electrical Requirements (Voltz-Hertz)</b>		24V AC	24V AC	24V AC	24V AC	24V AC	24V AC
<b>Pipe Size (Inches)</b>		¾"-1"	¾"-1"	¾"-1"	¾"-1"	¾"-1"	¾"-1"
<b>Total Dimensions</b>	Tank Size	8x44	9x48	10x54	12x52	13x52	14x65
	Media Tank & Valve	8" D x 51.5" H	9" D x 55.5" H	10" D x 54" H	12" D x 52" H	13" D x 52" H	14" H x 65" D
	Brine Tank	18" D x 30" 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
	Max Salt Storage	300lbs	300lbs	300lbs	450lbs	450lbs	550lbs



## Cycle Times

Model

Cycle Times

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

\*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.