

5900e Softener Sizing Capacity Table

Resin Volume ft ³	Salting Capacities Per ft ³			
	6#	8#	10#	15#
1.0	20,000	24,000	27,000	30,000
1.5	30,000	36,000	40,500	45,000
2.0	40,000	48,000	54,000	60,000
2.5	50,000	60,000	67,500	75,000
3.0	60,000	72,000	81,000	90,000
4.0	80,000	96,000	108,000	120,000
5.0	100,000	120,000	135,000	150,000
6.0	120,000	144,000	162,000	180,000
7.0	140,000	168,000	189,000	210,000
8.0	160,000	192,000	216,000	240,000
9.0	180,000	216,000	243,000	270,000
10.0	200,000	240,000	270,000	300,000
12.0	240,000	288,000	324,000	360,000
15.0	300,000	360,000	405,000	450,000
20.0	400,000	480,000	540,000	600,000
25.0	500,000	600,000	675,000	750,000
30.0	600,000	720,000	810,000	900,000
35.0	700,000	840,000	945,000	1,050,000
40.0	800,000	960,000	1,080,000	1,200,000
45.0	900,000	1,080,000	1,215,000	1,350,000
50.0	1,000,000	1,200,000	1,350,000	1,500,000
55.0	1,100,000	1,320,000	1,485,000	1,650,000
60.0	1,200,000	1,440,000	1,620,000	1,800,000
70.0	1,400,000	1,680,000	1,890,000	2,100,000

Saturated Brine Make-Up:

No Grid = 1½ Hours With Grid = 4 Hours

1 gallon of fresh water will dissolve 3 pounds of salt.

Liquid/Salt Capacity:

11" x 11" x 38" = 19 Gallons, 156# Salt
 15" x 17" x 36" = 33 Gallons, 275# Salt
 18" x 33" = 36 Gallons, 375# Salt
 18" x 40" = 43 Gallons, 450# Salt
 24" x 41" = 81 Gallons, 700# Salt
 24" x 50" = 100 Gallons, 850# Salt
 30" x 48" = 145 Gallons, 1200# Salt
 39" x 48" = 250 Gallons, 2200# Salt

Water in contact with dry salt as follows:

11" Tank = 1/6 gallon per inch
 15" x 17" = 1/3 gallon per inch
 18" Tank = 1/3 gallon per inch
 24" Tank = 2/3 gallon per inch
 30" Tank = 1 gallon per inch
 39" Tank = 1½ gallons per inch

Liquid Measurement Without Salt:

11" Tank = 1/2 gallon per inch
 15" x 17" Tank = 1 gallon per inch
 18" Tank = 1 gallon per inch
 24" Tank = 2 gallons per inch
 30" Tank = 3 gallons per inch
 39" Tank = 4.4 gallons per inch