

Tank Dia. Inches	Sq Ft Bed Area	Cu Ft Per Inch Of Height	Side Shell Height Only	Cu Ft Capacity With 50% ± Freeboard	Bed Depth Inches	Free Board Inches	Flow Rate		Maximum Softener Salt		Minimum Softener Salt	
							Softener ²	Filter ¹	Capacity @ 30,000 Grains	@ 15#/Cu Ft	Capacity @ 20,000 Grains	@ 6#/Cu Ft
6"	.196	.016	31"	.35	21	10	2	1	10,500	5.25	7,000	2.1
7"	.267	.022	40"	.56	26	14	2.6	1.3	18,000	9	12,000	3.6
8"	.35	.029	31"	0.5	18	13	3.5	1.75	16,000	7.5	10,500	3
8"			40"	0.8	28	12			24,000	12	16,000	4.8
9"	.44	.04	44"	1.0	27	17	4	2.2	30,000	15	20,000	15
10"	.54	.045	40"	1.25	28	12	5	2.7	40,000	18.75	25,000	7.5
10"			50"	1.50	34	16			45,000	22.50	30,000	9
12"	.78	0.65	42"	1.8	28	14	7	4	54,000	27	36,000	10.8
12"			48"	1.0	31	17			60,000	30	40,000	12.0
13"	.92	.077	50"	2.5	33	17	9	4.6	75,000	37.5	50,000	15
14"	1.07	.089	54"	3	34	20	10	5	90,000	45	60,000	18
16"	1.39	.116	54"	4	35	19	14	7	120,000	60	80,000	24
18"	1.77	.147	54"	5	34	20	18	9	150,000	75	100,000	30
20"	2.18	.182	60"	7	39	21	20	11	210,000	105	140,000	42
21"	2.41	.2	54"	7	36	18	24	12	210,000	105	140,000	42
22"	2.64	.220	56"	8.0	37	19	26	13	240,000	120	160,000	48
24"	3.14	.261	60"	10	38	22	30	15	300,000	150	200,000	60
30"	4.91	.409	60"	15	37	23	50	25	450,000	225	300,000	90
30"			72"	20	49	23			600,000	300	400,000	120
36"	7.07	.589	60"	20	34	26	70	35	600,000	300	400,000	120
42"	9.62	.801	60"	30	38	22	95	50	900,000	450	600,000	180
48"	12.57	1.05	60"	40	38	22	125	60	1,200,000	600	800,000	240
54"	15.90	1.32	60"	50	38	22	160	80	1,500,000	750	1,000,000	360
54"			72"	60	46	26			1,800,000	900	1,200,000	300
60"	19.63	1.64	60"	65	40	20	200	100	1,950,000	975	1,300,000	390
60"			72"	80	49	23			2,400,000	1200	1,600,000	480
66"	23.76	1.98	60"	80	40	20	240	120	2,400,000	1200	1,600,000	480
72"	28.27	2.36	60"	95	40	20	280	140	2,850,000	1425	1,900,000	570
72"			72"	110	48	24			3,300,000	1650	2,200,000	660
78"	33.18	2.76	60"	110	40	20	330	165	3,300,000	1650	2,200,000	660
84"	38.48	3.2	60"	130	40	20	380	190	3,900,000	1950	2,600,000	780
90"	44.18	3.68	60"	150	40	20	440	220	4,500,000	2250	3,000,000	900
96"	50.27	4.19	60"	170	40	20	500	250	5,100,000	2550	3,400,000	1020
102"	56.75	4.73	60"	190	40	20	560	280	5,700,000	2850	3,800,000	1140
108"	63.62	5.3	60"	215	40	20	640	320	6,450,000	3225	4,300,000	1290
114"	70.88	5.91	60"	240	40	20	700	350	7,200,000	3600	4,800,000	1440
120"	78.54	6.54	60"	260	40	20	780	390	7,800,000	3900	5,200,000	1560
126"	86.59	7.22	60"	300	41	19	860	430	9,000,000	4500	6,000,000	1800
132"	95.03	7.92	60"	315	40	20	950	475	9,450,000	4725	6,300,000	1890
138"	103.87	8.66	60"	350	40	20	1040	520	10,500,000	5250	7,000,000	2100
144"	113.10	9.42	60"	380	40	20	1130	565	11,400,000	5700	7,600,000	2280

¹ Figured @ 10 gpm per square foot of bed area. FLOW RATE OF FILTER IS 50% OF BACKWASH RATE.

² Figured @ 5 gpm per square foot of bed area. FLOW RATE OF SOFTENER IS TWICE BACKWASH RATE.

NOTE: Because of varying conditions, tables are for guidelines only.