

TYPICAL FIBERGLASS TANK VOLUME DATA EBCT 7 Minutes

TANK SIZE	SURFACE AREA (Sq Ft)	CU FT per Inch	CU FT CAPACITY WITH 50% FREEBOARD	BED DEPTH (IN.)	FREEBOARD (IN.)	CU FT CAPACITY WITH 33% FREEBOARD	BED DEPTH (IN.)	FREEBOARD (IN.)	Max. Flowrate GPM	Gal/ft3	EBCT = 7 minutes	Max. Flowrate GPM	Gal/ft3	EBCT = 7 minutes
7x35	0.267	0.022	0.5	23"	12"	0.57	26"	9"	0.50	7.48	7.5	0.60	7.48	7.1
8x40	0.34	0.028	0.75	27"	13"	0.84	30"	10"	0.75	7.48	7.5	0.90	7.48	7.0
8x44	0.34	0.028	0.83	29"	15"	0.92	33"	11"	0.85	7.48	7.3	1.00	7.48	6.9
9X40	0.441	0.037	1	27"	13"	1.1	30"	10"	1.00	7.48	7.5	1.20	7.48	6.9
9X48	0.441	0.037	1.18	32"	16"	1.33	36"	12"	1.25	7.48	7.1	1.40	7.48	7.1
10X35	0.546	0.046	1.1	23.5"	11.5"	1.2	26"	9"	1.20	7.48	6.9	1.30	7.48	6.9
10X54	0.546	0.046	1.65	36"	18"	1.8	40"	14"	1.75	7.48	7.1	1.90	7.48	7.1
12X52	0.785	0.065	2.3	35"	17.5"	2.5	39"	13"	2.50	7.48	6.9	2.70	7.48	6.9
13X54	0.92	0.077	2.8	36"	18"	3	40"	14"	3.00	7.48	7.0	3.20	7.48	7.0
14X65	1.07	0.089	3.8	43"	22"	4.4	49"	16"	4.00	7.48	7.1	4.75	7.48	6.9
16X65	1.39	0.116	5	43"	22"	5.7	49"	16"	5.50	7.48	6.8	6.00	7.48	7.1
18X65	1.77	0.148	6.4	43"	22"	7.25	49"	16"	6.50	7.48	7.4	7.50	7.48	7.2
21X62	2.4	0.2	8	41"	21"	9	46"	16"	8.50	7.48	7.0	9.50	7.48	7.1
24X72	3.14	0.262	12	48"	24"	14	54"	18"	13.00	7.48	6.9	15.00	7.48	7.0
30X72	4.7	0.392	18	48"	24"	21	54"	18"	19.00	7.48	7.1	22.00	7.48	7.1
36X72	6.7	0.558	26	48"	24"	30	54"	18"	28.00	7.48	6.9	32.00	7.48	7.0
42X72	9.5	0.79	38	48"	24"	42	54"	18"	40.00	7.48	7.1	45.00	7.48	7.0
48x72	12	1	48	48"	24"	54	54"	18"	50.00	7.48	7.2	58.00	7.48	7.0

Note: Quantities may be less depending on the amount of subfill used. All quantities are for estimating only.