

Filter Tank Sizing & Backwash Tables

Tank Diameter Inches	Tank Diameter Square Feet Bed Area	Cu. Ft. Per Inch of Height	Flow Rate in GPM Per Square Foot				
			5 GPM	8 GPM	10 GPM	15 GPM	20 GPM
6	0.20	0.02	1	1.6	2	3	4
7	0.27	0.02	1.4	2.2	2.7	4.1	5.4
8	0.35	0.03	1.8	2.8	3.5	5.3	7
9	0.44	0.04	2.2	3.5	4.4	6.6	8.8
10	0.55	0.04	2.8	4.4	5.5	8.3	11
12	0.79	0.07	4	6.3	7.9	11.9	15.8
13	0.92	0.08	4.6	7.4	9.2	13.8	18.4
14	1.07	0.09	5.4	8.6	10.7	16.1	21.4
16	1.40	0.12	7	11.2	14	21	28
18	1.76	0.14	8.8	14.0	17.6	26.4	35
21	2.41	0.2	12	19.2	24	36	48
22	2.64	0.22	13.2	21.1	26.4	39.6	52.8
24	3.14	0.26	15.7	25.1	31.4	47.1	62.8
30	4.91	0.41	24.5	39.2	49	73.5	98
36	7.07	0.59	35.4	56.6	70.7	106.1	141.4
42	9.62	0.8	48.1	77	96.2	144.3	192.4
48	12.57	1.05	62.9	100.6	125.7	188.6	251.4
54	15.90	1.33	79.5	127.2	159	238.5	318
60	19.63	1.64	98.2	157	196.3	294.5	392.6
66	23.76	1.98	118.8	190.1	237.6	356.4	475.2
72	28.27	2.36	141.4	226.2	282.7	424.1	565.4

Media	Pounds Ft 3	Service Rate GPM/Sq. Ft.	Backwash Rate GPM/Sq. Ft.	Bed Depth Inches	Bed Expansion %
BIRM (regular)	50	3.5-5	10 to 12	30 to 36	35 to 50
Calci te	100	3 to 6	8 to 12	24 to 30	35
Carbon	35	5	8 to 10	26 to 30	30 to 40
Corosex	100	5 to 6	8 to 12	24 to 30	35
Fi lterAg.	25	5	8 to 10	24 to 36	35 to 50
Katalox Light	66	6	10	30	15 to 30
KDF	171	15	30	10+	10 to 15
Mang. Greensand	85	5	8 to 12	30 to 36	35 to 50
MTM	45	5	8 to 10	24 to 36	20 to 40
Pro-OX	114	5 to 10	15 to 20	24 to 30	15 to 30
Pyrolox	125	5	25 to 30	24 to 30	15 to 30
Resi n(Fi nemes)	50	15 to 20	2.5 to 4	20 to 30	5
Resi n(Reg)	50	20 to 30	3 to 8	24 to 30	50
Turbidex/Chemsorb	55	15 to 20	14 to 18	24 to 30	30 to 50



Have questions? Call us at 1-888-600-5426 and speak with one of our WQA Certified Master Water Specialists.

Visit us online www.CleanWaterStore.com.

Email us at support@cleanwaterstore.com