

Carbon Filter Capacity Specifications

		Chlorine			
		<i>R.O. Feed</i>	<i>Commercial</i>	<i>Organics</i>	
<i>Tank Size</i>	<i>Cu. Ft.</i>	<i>Flow Rate GPM</i>	<i>Flow Rate GPM</i>	<i>Flow Rate GPM</i>	<i>BKW Rate GPM</i>
10 x 54	1.5	3	4.5	1.5	5
12 x 52	2	4	6	2	8
13 x 54	2	4	6	2	9
14 x 65	3	6	9	3	10
16 x 65	4	8	12	4	15
18 x 65	5	10	15	5	18
21 x 62	6	12	18	6	25
24 x 71	8	16	24	8	30
30 x 60 ¹	13	26	39	13	50
30 x 72	15	30	45	15	50
36 x 60 ¹	20	40	60	20	70
36 x 72	20	40	60	20	70
42 x 60 ¹	25	50	75	25	95
42 x 72	30	60	90	30	95
48 x 60 ¹	32	64	96	32	125
48 x 72	40	80	120	40	125
54 x 60 ¹	45	90	135	45	160
60 x 60 ¹	55	110	165	55	195
66 x 60 ¹	65	130	195	65	240
72 x 60 ¹	75	150	225	75	280

¹Steel Tanks

Flow rates are based on the following:

Chlorine

R.O. Feed - 2 gpm/ft³ and assumes influent Cl₂ < 3 ppm and outlet Cl₂ ≤ 0.1 ppm. Influent turbidity < 5NTU.

Commercial - 3 gpm/ft³

Organics - 1 gpm/ft³, TOC ≤ 5 ppm as O₂ consumed . Influent turbidity < 5NTU.

Operating Parameters: water to be filtered should be free of oil, suspended matter and iron for maximum service life. Carbon filters can operate in wide range of pH levels.