

# Sand Filter Capacity Specifications

	Water Quality			
	Superior	High	Utility	
Tank Size	Flow Rate GPM	Flow Rate GPM	Flow Rate GPM	BKW Rate GPM
10 x 54	1	2	3	8
12 x 52	2	2	4	12
13 x 54	2	3	5	14
14 x 65	2	3	5	16
16 x 65	3	4	7	20
18 x 65	4	5	9	25
21 x 62	5	7	12	35
24 x 71	6	9	16	45
30 x 60	10	15	25	75
30 x 72	10	15	25	75
36 x 60	14	21	35	105
36 x 72	14	21	35	105
42 x 60	19	29	48	145
42 x 72	19	29	48	145
48 x 60	25	38	63	190
48 x 72	25	38	63	190
54 x 60	32	48	80	240
60 x 60	39	59	98	295
66 x 60	48	71	119	355
72 x 60	57	85	141	425

**As a general rule** - Lower flows produce higher quality water and larger volume of treated water between backwashing.

**Superior**

- Recommended for most filtering applications under all operating conditions.
- Best quality water
- Maximum time on line between backwashing
- Lowest pressure loss
- Recommended for influent suspended solids loads up to and greater than 300 ppm.

**High**

- Well suited for many filtering applications
- Very good quality water
- Moderate time on line between backwashing
- Increased pressure loss
- Recommended for influent suspended solids loads less than 300 ppm.

**Utility**

- Flow rates listed are at peak design - operation at higher flow rates not recommended
- Satisfactory water quality
- Shorter on line time
- Higher pressure loss
- Recommended for influent suspended solids loads less than 150 ppm.