

Approximate water supply flow rates at maximum velocity (10 feet per second) allowed by code.

1 $\frac{1}{4}$	45 gpm
1 $\frac{1}{2}$	60 gpm
2	100 gpm
2 $\frac{1}{2}$	150 gpm
3	225 gpm
4	375 gpm
5	600 gpm
6	850 gpm
8	1500 gpm

Minimum size of overflows per section 607.8

0-50 gpm	2
50-150 gpm	2 $\frac{1}{2}$
100-200 gpm	3
200-400 gpm	4
400-700 gpm	5
700-1000 gpm	6
over 1000 gpm	8

If sized by the above chart the top of the overflow must be one and one half time the height to which water can rise above the top of the overflow.

If the size of the overflow is increased by one pipe size the top of the overflow must be a minimum of 2 inches below the inlet of the water into the tank.

**NOTE:**

The information shown above was provided by Mr. John Roth, City of Houston, Plumbing Department, at the Construction Industry Council Meeting of July 18, 2006.

Please use this information for size and location of tank overflows to comply with City of Houston code requirements.