



DISCHARGE TABLE FOR CIRCULAR OUTLETS (US)

Outlet Pressure Measured by Pitot Gauge

Outlet Pressure in lbs. per sq. inch	Outlet Diameter in Inches			Outlet Pressure in lbs. per sq. inch	Outlet Diameter in Inches		
	2-1/2"	4"	4-1/2"		2-1/2"	4"	4-1/2"
	U.S. Gallons per Minute				U.S. Gallons per Minute		
1	160	390	500	34	920	1950	2470
2	220	550	700	36	950	2010	2540
3	280	640	810	38	970	2060	2610
4	320	720	910	40	1000	2120	2680
5	350	780	980	42	1020	2170	2750
6	390	830	1050	44	1050	2220	2810
7	420	890	1120	46	1070	2270	2870
8	450	950	1200	48	1090	2320	2940
9	480	1000	1270	50	1110	2370	3000
10	500	1060	1340	52	1140	2410	3060
11	520	1110	1410	54	1160	2460	3110
12	550	1160	1470	56	1180	2510	3170
13	570	1210	1530	58	1200	2550	3230
14	590	1250	1590	60	1220	2590	3280
15	610	1300	1640	62	1240	2640	3340
16	630	1340	1700	64	1260	2680	3390
17	650	1380	1750	66	1280	2720	3440
18	670	1420	1800	68	1300	2760	3490
19	690	1460	1850	70	1320	2800	3550
20	700	1500	1900	72	1340	2840	3600
21	720	1530	1940	74	1360	2880	3650
22	740	1570	1990	76	1370	2920	3690
23	760	1610	2030	78	1390	2960	3740
24	770	1640	2080	80	1410	3000	3790
26	800	1710	2160	85	1450	3090	3910
28	830	1770	2240	90	1500	3180	4020
30	860	1830	2320	95	1540	3260	4130
32	890	1890	2400	100	1580	3350	4240

2-1/2", 4" & 4-1/2" Computed with Coefficient C=.845, to nearest 10 gallons per minute

4" & 4-1/2" Correction Factors for large diameter outlets already figured in gpm's.

Large diameter openings do not flow solid water, the correction factor compensates for the voids.