

Table 7.12 – Flow Velocity

Flow Rate	Flow Velocity ft/sec							
GPM	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	2"
0.5	1.67	0.91	0.62	0.45	0.27	0.18	0.13	0.08
0.75	2.50	1.36	0.93	0.68	0.41	0.28	0.20	0.12
1.0	3.33	1.81	1.24	0.91	0.55	0.37	0.26	0.15
1.5	5.00	2.72	1.86	1.36	0.82	0.55	0.40	0.23
2.0	6.67	3.62	2.48	1.81	1.10	0.74	0.53	0.31
2.5	8.34	4.53	3.10	2.27	1.37	0.92	0.66	0.38
3.0	10.00	5.43	3.72	2.72	1.65	1.10	0.79	0.46
3.5	11.67	6.34	4.34	3.18	1.92	1.29	0.92	0.54
4.0		7.24	4.96	3.63	2.20	1.47	1.06	0.62
4.5		8.15	5.58	4.08	2.47	1.65	1.19	0.69
5.0		9.05	6.20	4.54	2.75	1.84	1.32	0.77
6.0		10.86	7.44	5.44	3.30	2.21	1.58	0.92
7.0			8.68	6.35	3.85	2.57	1.85	1.08
8.0			9.92	7.26	4.40	2.94	2.11	1.23
9.0			11.16	8.17	4.95	3.31	2.38	1.39
10.0				9.07	5.50	3.68	2.64	1.54
11.0				9.98	6.05	4.04	2.90	1.69
12.0				10.89	6.60	4.41	3.17	1.85
13.0				11.79	7.15	4.78	3.43	2.00
14.0					7.70	5.15	3.70	2.16
15.0					8.25	5.52	3.96	2.31
16.0					8.80	5.88	4.22	2.46
17.0					9.35	6.25	4.49	2.62
18.0					9.90	6.62	4.75	2.77
19.0					10.45	6.99	5.02	2.92
20.0					11.00	7.35	5.28	3.08
25.0						9.19	6.60	3.85
30.0						11.03	7.92	4.62
35.0							9.24	5.39