



Model MV – Venturi/Ball Valve Combination

Differential Pressure: Inches W.C.

GPM	1/2" L	3/4" UL
0.3	8	8
0.4	15	15
0.5	23	23
0.6	33	33
0.7	45	45
0.8	59	59
0.9	75	75
1.0	92	92
1.1	112	112
1.2	133	133
1.3	156	156
1.4	181	181
1.5	208	208
1.6	236	236
1.7	267	267
1.8	299	299
1.9	333	333
2.0	369	369
2.2	447	447

GPM	1/2" H	3/4" L
1.0	12	12
1.1	14	14
1.2	17	17
1.3	20	20
1.4	23	23
1.5	27	27
1.6	31	31
1.7	35	35
1.8	39	39
1.9	43	43
2.0	48	48
2.2	58	58
2.4	69	69
2.6	81	81
2.8	94	94
3.0	108	108
3.2	123	123
3.4	138	138
3.6	155	155
3.8	173	173
4.0	192	192
4.2	211	211
4.4	232	232
4.5	242	242
4.6	253	253
4.8	276	276
5.0	299	299
5.2	324	324
5.4	349	349
5.5	362	362
5.6	375	375
5.8	403	403
6.0	431	431
6.2	460	460
6.4	490	490

GPM	3/4" H
3.0	26
3.2	29
3.4	33
3.6	37
3.8	42
4.0	46
4.2	51
4.4	56
4.5	58
4.6	61
4.8	66
5.0	72
5.2	78
5.4	84
5.5	87
5.6	90
5.8	97
6.0	104
6.2	111
6.4	118
6.5	122
6.6	125
6.8	133
7.0	141
7.5	162
8.0	184
8.5	208
9.0	233
9.5	260
10	288
11	348
12	414
13	486

GPM	1"
2.8	9
3.0	10
3.2	12
3.4	13
3.6	15
3.8	16
4.0	18
4.2	20
4.4	22
4.5	23
4.6	24
4.8	26
5.0	28
5.2	30
5.4	33
5.5	34
5.6	35
5.8	38
6.0	41
6.2	43
6.4	46
6.5	48
6.6	49
6.8	52
7.0	55
7.5	63
8.0	72
8.5	81
9.0	91
9.5	102
10	113
11	136
12	162
13	190
14	221
15	253
16	288
17	326
18	365
19	407
20	451

GPM	1-1/4"
5.4	10
5.5	11
5.6	11
5.8	12
6.0	13
6.2	14
6.4	15
6.5	15
6.6	16
6.8	16
7.0	17
7.5	20
8.0	23
8.5	26
9.0	29
9.5	32
10	36
11	43
12	51
13	60
14	70
15	80
16	91
17	103
18	115
19	128
20	142
22	172
24	205
26	241
28	279
30	320
32	364
34	411
36	461

GPM	1-1/2"
9.0	13
9.5	15
10	16
11	19
12	23
13	27
14	32
15	36
16	41
17	47
18	52
19	58
20	65
22	78
24	93
26	109
28	127
30	146
32	166
34	187
36	210
38	234
40	259
42	286
44	313
46	343
48	373
50	405
52	438
54	472

GPM	2"
16	12
17	14
18	16
19	17
20	19
22	23
24	28
26	32
28	38
30	43
32	49
34	55
36	62
38	69
40	77
42	85
44	93
46	101
48	110
50	120
52	130
54	140
56	150
58	161
60	173
62	184
64	196
66	209
68	222
70	235
75	270
80	307
85	346
90	388
95	433
100	480

Accuracy:

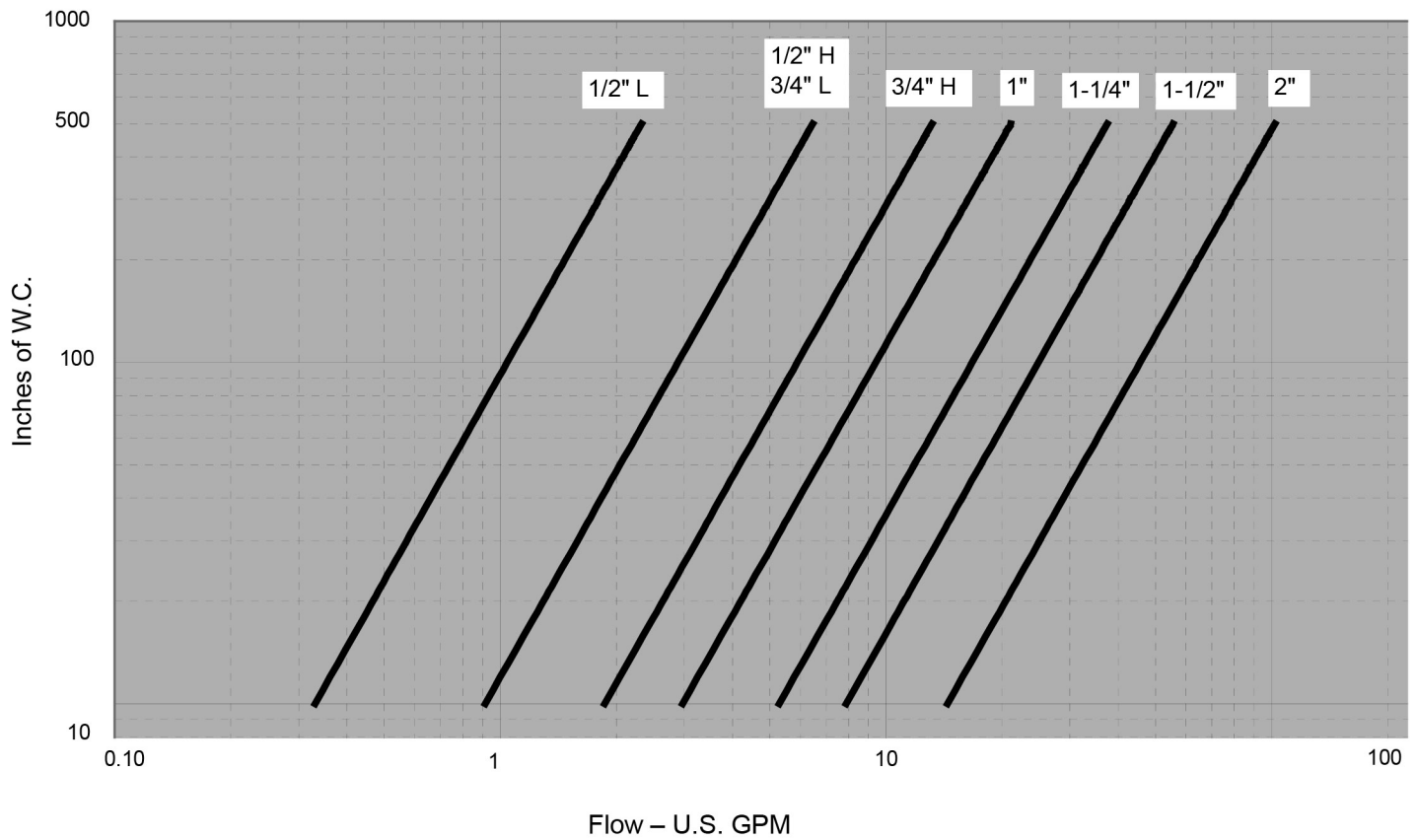
+/- 1% Between 10" W.C. & 70" W.C.
 +/- 3% Between 5" W.C. & 150" W.C.
 +/- 5% Less than 5" W.C.
 +/- 5% Greater than 150" W.C.

Flow Factor (FF):

1" _____ 16.3
 1-1/4" _____ 29.0
 1-1/2" _____ 43.0
 2" _____ 79.0
 1/2" L & 3/4" UL _____ 1.8
 1/2" H & 3/4" L _____ 5.0
 3/4" H _____ 10.2

Differential Pressure (DP):
 DP=(GPM*17.3/FF)²

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