

Model MF - MG - MP - VF - VG - VW 2.50" - 6.00"

Differential Pressure: Inches W.C.

| MODEL SIZE | | | | | | MODEL SIZE | | | |
|-------------|-------|--------|--------|--------|--------|-------------|--------|--------|--------|
| FLOW GPM | 250L | 300L | 400L | 500L | 600L | FLOW GPM | 400L | 500L | 600L |
| 24.0 | 10 | | | | | 300.0 | 103 | 69 | 18 |
| 26.0 | 11 | | | | | 325.0 | 121 | 81 | 21 |
| 28.0 | 13 | | | | | 350.0 | 141 | 94 | 24 |
| 30.0 | 15 | | | | | 375.0 | 161 | 108 | 27 |
| 32.0 | 17 | | | | | 400.0 | 184 | 122 | 31 |
| 34.0 | 19 | | | | | 425.0 | | 138 | 35 |
| 36.0 | 22 | | | | | 450.0 | | 155 | 39 |
| 38.0 | 24 | | | | | 475.0 | | 173 | 44 |
| 40.0 | 27 | | | | | 500.0 | | 191 | 49 |
| 42.0 | 29 | | | | | 525.0 | | 211 | 54 |
| 44.0 | 32 | 8 | | | | 550.0 | | | 59 |
| 46.0 | 35 | 9 | | | | 575.0 | | | 64 |
| 48.0 | 38 | 10 | | | | 600.0 | | | 70 |
| 50.0 | 42 | 11 | | | | 625.0 | | | 76 |
| 55.0 | 51 | 13 | | | | 650.0 | | | 82 |
| 60.0 | 60 | 15 | | | | 675.0 | | | 89 |
| 65.0 | 71 | 18 | | | | 700.0 | | | 96 |
| 70.0 | 82 | 21 | | | | 725.0 | | | 102 |
| 75.0 | 94 | 24 | | | | 750.0 | | | 110 |
| 80.0 | 107 | 27 | 7 | | | 775.0 | | | 117 |
| 85.0 | 121 | 31 | 8 | | | 800.0 | | | 125 |
| 90.0 | 135 | 35 | 9 | | | 825.0 | | | 133 |
| 95.0 | 151 | 39 | 10 | | | 850.0 | | | 141 |
| 100.0 | | 43 | 11 | | | 900.0 | | | 158 |
| 110.0 | | 52 | 14 | 9 | | 925.0 | | | 167 |
| 120.0 | | 62 | 17 | 11 | | 950.0 | | | 176 |
| 130.0 | | 72 | 19 | 13 | | 975.0 | | | 185 |
| 140.0 | | 84 | 22 | 15 | | 1000.0 | | | 195 |
| 150.0 | | 96 | 26 | 17 | | 1100.0 | | | |
| 160.0 | | 109 | 29 | 20 | | 1200.0 | | | |
| 170.0 | | 124 | 33 | 22 | | 1300.0 | | | |
| 180.0 | | 138 | 37 | 25 | 6 | 1400.0 | | | |
| 190.0 | | 154 | 41 | 28 | 7 | 1500.0 | | | |
| 200.0 | | 171 | 46 | 31 | 8 | | | | |
| 220.0 | | | 56 | 37 | 9 | | | | |
| 240.0 | | | 66 | 44 | 11 | | | | |
| 260.0 | | | 78 | 52 | 13 | | | | |
| 280.0 | | | 90 | 60 | 15 | | | | |
| Size | 2.50" | 3.0" | 4.0" | 5.0" | 6.0" | Size | 4.0" | 5.0" | 6.0" |
| FF | 7.737 | 15.297 | 29.523 | 36.155 | 71.613 | FF | 29.523 | 36.155 | 71.613 |

Flow Formulas:

GPM = FF x (√DP)
 DP = (GPM/FF)²
 PPL = DP x 0.12

Notes:

- 1) Accuracy ± 3% of flow rate
- 2) Repeatability +/- 0.25% of rate
- 3) Recommended ranges are in **BOLD** type.
- 4) All valves will function above and below ranges shown. Pressure drop and readability should be taken into account.
- 5) The Permanent Pressure Loss (PPL) equals 12% of the Differential Pressure (DP).

Model MF - MG 8.00" - 12.00" / VF - VG - VW 8.00" - 16.00"

Differential Pressure: Inches W.C.

| MODEL SIZE | | | MODEL SIZE | | | |
|-------------|--------|--------|-------------|--------|--------|-------|
| FLOW GPM | 800L | 1000L | FLOW GPM | 1200L | 1400L | 1600L |
| 400.0 | 10 | | 1000.0 | 10 | | |
| 425.0 | 12 | | 1100.0 | 12 | | |
| 450.0 | 13 | | 1200.0 | 14 | | |
| 475.0 | 15 | | 1300.0 | 16 | 7 | |
| 500.0 | 16 | | 1400.0 | 19 | 8 | |
| 525.0 | 18 | | 1500.0 | 22 | 9 | |
| 550.0 | 20 | | 1600.0 | 25 | 11 | |
| 575.0 | 21 | | 1700.0 | 28 | 12 | |
| 600.0 | 23 | 10 | 1800.0 | 32 | 13 | |
| 625.0 | 25 | 11 | 1900.0 | 35 | 15 | 8 |
| 650.0 | 27 | 12 | 2000.0 | 39 | 17 | 9 |
| 675.0 | 29 | 13 | 2200.0 | 47 | 20 | 11 |
| 700.0 | 32 | 14 | 2400.0 | 56 | 24 | 13 |
| 725.0 | 34 | 15 | 2600.0 | 66 | 28 | 16 |
| 750.0 | 36 | 16 | 2800.0 | 77 | 33 | 18 |
| 775.0 | 39 | 18 | 3000.0 | 88 | 37 | 21 |
| 800.0 | 41 | 19 | 3200.0 | 100 | 43 | 24 |
| 825.0 | 44 | 20 | 3400.0 | 113 | 48 | 27 |
| 850.0 | 47 | 21 | 3600.0 | 127 | 54 | 30 |
| 875.0 | 50 | 22 | 3800.0 | 141 | 60 | 34 |
| 900.0 | 52 | 24 | 4000.0 | 156 | 67 | 37 |
| 925.0 | 55 | 25 | 4200.0 | 172 | 73 | 41 |
| 950.0 | 58 | 26 | 4400.0 | 189 | 81 | 45 |
| 975.0 | 62 | 28 | 4500.0 | | 84 | 47 |
| 1000.0 | 65 | 29 | 4600.0 | | 88 | 49 |
| 1100.0 | 78 | 35 | 4700.0 | | 92 | 51 |
| 1200.0 | 93 | 42 | 4800.0 | | 96 | 54 |
| 1300.0 | 109 | 49 | 5000.0 | | 104 | 58 |
| 1400.0 | 127 | 57 | 5200.0 | | | 63 |
| 1500.0 | 146 | 65 | 5400.0 | | | 68 |
| 1600.0 | 166 | 74 | 5600.0 | | | 73 |
| 1700.0 | 187 | 84 | 5800.0 | | | 78 |
| 1800.0 | 210 | 94 | 6000.0 | | | 84 |
| 1900.0 | | 105 | 6400.0 | | | 95 |
| 2000.0 | | 116 | 6800.0 | | | 108 |
| 2200.0 | | 141 | Size | 12" | 14" | 16" |
| 2400.0 | | 168 | FF | 320.04 | 490.29 | 655.0 |
| Size | 8" | 10" | | | | |
| FF | 124.78 | 185.42 | | | | |

Flow Formulas:

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 DP = (GPM/FF)²
 PPL = DP x 0.12

Notes:

- 1) Accuracy ± 3% of flow rate
- 2) Repeatability +/- 0.25% of rate
- 3) Recommended ranges are in **BOLD** type.
- 4) All valves will function above and below ranges shown. Pressure drop and readability should be taken into account.
- 5) The Permanent Pressure Loss (PPL) equals 12% of the Differential Pressure (DP).