

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:

$$\begin{aligned} \text{GPM} &= \text{FF} \times (\sqrt{\text{DP}}) \\ \text{DP} &= (\text{GPM}/\text{FF})^2 \\ \text{PPL} &= \text{DP} \times 0.12 \end{aligned}$$

Notes:

- 1) Accuracy $\pm$ 3% of flow rate
- 2) Repeatability $\pm$ 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).