

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				
2400.0		168				
Size	8"	10"	Size	12"	14"	16"
FF	124.78	185.42	FF	320.04	490.29	655.0

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).