

Model MBF - MBG - VF - VG - VW 2.50" - 6.00"										
Differential Pressure: Inches W.C										
	Models							Models		
Flow GPM	250L	300L	400L	500L	600L		Flow GPM	400L	500L	600L
24.0	10						300.0	123	32	18
26.0	12						325.0	144	38	21
28.0	14						350.0	167	44	24
30.0	16						375.0	191	50	28
32.0	18						400.0		57	32
34.0	20						425.0		64	36
36.0	22						450.0		72	40
38.0	25						475.0		80	45
40.0	28						500.0		89	50
42.0	31						525.0		98	55
44.0	34	8					550.0		108	60
46.0	37	9					575.0		118	66
48.0	40	10					600.0		128	71
50.0	43	11	3				625.0		139	78
55.0	52	13	4				650.0		150	84
60.0	62	15	5				675.0		162	90
65.0	73	18	6				700.0		175	97
70.0	85	21	7				725.0		187	104
75.0	97	24	8				750.0		200	112
80.0	111	27	9				775.0			119
85.0	125	31	10				800.0			127
90.0	140	35	11				825.0			135
95.0	156	39	12				850.0			143
100.0	173	43	14				900.0			161
110.0		52	16	4			925.0			170
120.0		62	20	5			950.0			179
130.0		72	23	6			975.0			189
140.0		84	27	7			1000.0			199
150.0		96	31	8			1100.0			
160.0		109	35	9			1200.0			
170.0		124	39	10			1300.0			
180.0		138	44	12	6		1400.0			
190.0		154	49	13	7		1500.0			
200.0		171	54	14	8					
220.0			66	17	10					
240.0			78	21	11					
260.0			92	24	13					
280.0			107	28	16					
Size	2.50"	3.0"	4.0"	5.0"	6.0"			4.0"	5.0"	6.0"
FF	7.600	15.297	27.104	52.986	70.972			27.104	52.986	70.972

Flow Formulas

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

Notes

- 1) Accuracy ± 3% of flow rate
- 2) Repeatability +/- 0.25% of rate
- 3) Values in **BOLD** type represents traditional 10" to 100" sizing range
- 4) All valves will function above and below ranges shown. Pressure drop and readability should be taken into account.

Model MBF – MBG 8.00" – 12.00" / VF – VG – VW 8.00" – 16.00"

Differential Pressure: Inches W.C

Flow GPM	Models		Flow GPM	Models		
	800L	1000L		1200L	1400L	1600L
400.0	10		1000.0	7		
425.0	12		1100.0	9		
450.0	13		1200.0	10		
475.0	15		1300.0	12	7	
500.0	16		1400.0	14	8	
525.0	18		1500.0	16	9	
550.0	20	10	1600.0	19	11	
575.0	21	11	1700.0	21	12	
600.0	23	12	1800.0	23	13	
625.0	25	13	1900.0	26	15	8
650.0	27	14	2000.0	29	17	9
675.0	29	15	2200.0	35	20	11
700.0	32	16	2400.0	42	24	13
725.0	34	17	2600.0	49	28	16
750.0	36	18	2800.0	57	33	18
775.0	39	20	3000.0	65	37	21
800.0	41	21	3200.0	74	43	24
825.0	44	22	3400.0	84	48	27
850.0	47	24	3600.0	94	54	30
875.0	50	25	3800.0	105	60	34
900.0	52	27	4000.0	116	67	37
925.0	55	28	4200.0	128	73	41
950.0	58	30	4400.0	140	81	45
975.0	62	31	4500.0		84	47
1000.0	65	33	4600.0		88	49
1100.0	78	40	4700.0		92	51
1200.0	93	47	4800.0		96	54
1300.0	109	55	5000.0		104	58
1400.0	127	64	5200.0			63
1500.0	146	74	5400.0			68
1600.0	166	84	5600.0			73
1700.0	187	95	5800.0			78
1800.0	210	106	6000.0			84
1900.0		118	6400.0			95
2000.0		131	6800.0			108
2200.0		159				
2400.0		189				
Size	8"	10"				
FF	130.61	192.54				
			Size	12"	14"	16"
			FF	371.4	490.29	655.0

Flow Formulas

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

Notes:

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- 2) Repeatability +/- 0.25% of rate
- 3) Values in **BOLD** type represents traditional 10" to 100" sizing range
- 4) All valves will function above and below ranges shown. Pressure drop and readability should be taken into account.