

Model MB Venturi Type Balancing Valve 0.50" – 2.00"												
Differential Pressure: Inches W.C												
	Model MB –								Model MB –			
Flow GPM	050L 075RL 075CL	050H 075RH 075CH	075L 100RL 100CL	075H 100RH 100CH	100	125	150	Flow GPM	125	150	200 200C	
0.10	1							18.00	62	36	14	
0.20	2							19.00	69	41	15	
0.30	5							20.00	76	45	17	
0.42	10							21.00	84	50	19	
0.50	14							22.00	92	54	21	
0.75	31							23.00	101	60	23	
1.00	55	6	4					24.00	110	65	25	
1.25	86	9	6					25.00	119	70	27	
1.35	101	11	7					26.00	129	76	29	
1.50	124	13	9					27.00	139	82	31	
2.00	221	23	16		4			28.00	149	88	34	
2.25		29	21		5			29.00	160	95	36	
2.50		36	25	4	6			30.00	171	101	39	
3.00		52	36	6	9			31.00	183	108	41	
3.50		71	50	8	13			32.00	195	115	44	
4.00		92	65	10	16			33.00	207	122	47	
4.50		117	82	13	21			34.00	220	130	50	
5.00		144	101	15	26			35.00	233	138	53	
5.50		175	123	19	31			36.00		146	56	
6.00		208	146	22	37			37.00		154	59	
6.50		244	171	26	43	8		39.00		171	65	
7.25			213	33	54	10		40.00		180	69	
7.50			228	35	58	11		41.00		189	72	
8.00				40	65	12		42.00		198	76	
8.50				45	74	14		43.00		208	79	
9.00				50	83	15		44.00		218	83	
9.50				56	92	17	10	45.00		228	87	
10.00				62	102	19	11	48.50			101	
10.50				68	113	21	12	55.00			130	
11.00				75	124	23	14	60.00			154	
11.50				82	135	25	15	65.00			181	
12.00				89	147	27	16	70.00			210	
12.50				97	160	30	18	75.00			241	
13.00				105	173	32	19					
14.00				121	200	37	22					
15.00				139		43	25					
16.00				159		49	29					
17.00				179		55	33					
Size	0.50" L 0.75" RL 0.75" CL	0.50" H 0.75" RH 0.75" CH	0.75" L 1.00" RL 1.00" CL	0.75" H 1.00" RL 1.00" CL	1.00"	1.25"	1.50"		1.25"	1.50"	2.00" 2.00" C	
FF	0.1346	0.4163	0.4967	1.2704	0.9889	2.2921	2.9816		2.2921	2.9816	4.8274	
Flow Formulas			Notes									
GPM = FF x (√DP)			1) Accuracy ± 3% of flow rate 2) Repeatability +/- 0.25% of rate									
DP = (GPM/FF) ²			3) Values in BOLD type represents traditional 10" to 100" sizing range									
PPL= DP*0.12			4) All valves will function above and below ranges shown. Pressure drop and readability should be taken into account.									