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MASS FLOW!
Compensation

Natural Gas & Air Tables

FVP



Flanged Vortex Plate

VP



Vortex Plate

LPIV



Low Profile
Insertion Vortex

HTIV



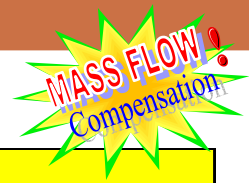
Hot Tap
Insertion Vortex

Where Flow Measurement Meets Innovation...

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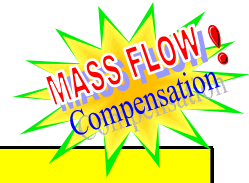


Measurable Flow Rates for *LPIV* and *HTIV*



Natural Gas Minimum and Maximum Flow Rates (SCFM) ¹									
Pressure ² (Density) ³	2"	3"	4"	6"	8"	12"	16"	24"	36"
0 (.0330)	22.25 345	45 760	83 1,310	190 3,005	326 5,200	745 11,500	1,150 18,150	2,600 41,300	6,200 96,000
50 (.1451)	58 1,520	125 3,340	220 5,750	505 13,100	885 22,600	1,989 50,600	3,000 80,000	7,200 182,000	16,750 422,100
100 (.2573)	80 2,700	185 6,000	325 10,200	755 23,200	1,300 40,100	2,900 90,000	4,600 141,500	10,500 322,000	24,500 748,500
150 (.3695)	98 3,860	240 8,500	420 14,700	955 33,250	1,600 58,000	3,700 129,000	5,900 204,000	13,400 462,100	31,000 1,075,000
200 (.4816)	126 5,050	285 11,100	498 19,100	1,100 43,300	1,989 75,000	4,400 168,000	7,000 265,000	16,000 602,500	37,000 1,401,000
300 (.7060)	165 7,400	375 16,250	645 28,000	1,400 63,500	2,500 110,000	5,700 246,000	9,050 388,100	20,700 883,000	48,200 2,053,100
400 (.9303)	198 9,750	445 21,400	775 37,000	1,750 84,000	3,055 145,000	6,900 324,000	10,925 512,000	24,900 1,164,000	58,000 2,706,000
500 (1.155)	235 12,100	525 26,600	898 45,800	1,996 104,000	3,550 180,000	7,998 402,100	12,600 634,800	28,790 1,444,000	66,900 3,358,000
1000 (2.276)	360 23,800	815 52,500	1,400 90,200	3,210 205,000	5,625 355,000	12,600 793,000	19,900 1,252,000	45,300 2,847,000	105,250 6,620,000

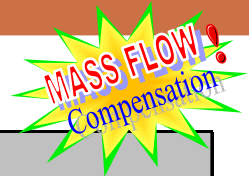
1. Standard conditions of 68 °F (20 °C) in schedule 40 pipe
2. psig
3. lb/ft³



Natural Gas Minimum and Maximum Flow Rates (SCMM) ⁴									
Pressure ⁵ (Density) ⁶	50mm	80mm	100mm	150mm	200mm	300mm	400mm	600mm	900mm
0 (.5281)	.630 9.75	1.40 21.50	4.02 37	5.40 84	9.40 146	21.15 326	33.40 514	76 1,170	177 2,720
3.4 (2.300)	1.65 42.40	3.70 93.55	6.40 161	14.55 366	25.20 633	56.50 1,416	89.20 2,235	203 5,085	471 11,826
6.9 (4.124)	2.50 76.20	5.50 168	9.45 289	21.55 656	37.30 1,135	83.40 2,540	131.50 4,008	298 9,118	695 21,205
11 (6.260)	3.30 116	7.25 255	12.50 439	28.40 995	49 1,725	110 3,855	174 6,085	395 13,845	920 32,190
13.8 (7.719)	3.80 143	8.30 314	14.40 541	32.70 1,227	56.60 2,124	126.50 4,752	200 7,505	455 17,068	1,055 39,700
20.7 (11.31)	4.80 209	10.80 461	18.60 793	42.20 1,800	73.10 3,113	163 6,966	255 11,000	587 25,020	1,365 58,180
27.6 (14.91)	5.80 275.50	13 607	22.30 1,044	50.75 2,370	87.90 4,105	196 9,180	310 14,500	705 33,000	1,640 76,667
34.5 (18.51)	6.78 342	15 753	25.80 1,296	58.60 2,945	101 5,092	227 11,393	358 17,988	815 40,950	1,890 95,155
69 (36.48)	10.70 675	23.55 1,485	40.60 2,555	92.25 5,800	159 10,040	357 22,465	564 35,465	1,280 80,675	2,980 187,600

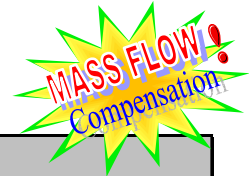
4. Standard conditions of 68 °F (20 °C) in schedule 40 pipe
5. bar
6. kg/m³

Measurable Flow Rates for LPIV and HTIV



Air Minimum and Maximum Flow Rates (SCFM) ¹									
Pressure ² (Density) ³	2"	3"	4"	6"	8"	12"	16"	24"	36"
0 (0.0752)	17 360	35.70 760	60 1,320	146 3,012	250 5,230	560 11,500	880 18,150	2,043 41,250	4,651 95,902
50 (0.3312)	45 1,525	95 3,350	170 5,750	389 13,050	675 22,600	1,520 50,650	2,389 80,090	5,400 182,000	12,500 425,000
100 (0.5871)	65 2,700	145 6,010	240 10,200	575 23,250	998 40,100	2,250 90,098	3,500 142,000	8,020 322,000	18,500 750,000
150 (0.8430)	85 3,860	185 8,500	320 14,650	730 33,250	1,250 57,500	2,850 129,000	4,500 203,250	10,200 463,000	23,750 1,075,000
200 (1.0998)	98 5,050	220 11,120	375 19,100	875 43,300	1,505 75,050	3,398 170,000	5,350 265,000	12,200 603,000	28,400 1,400,700
300 (1.611)	130 7,400	280 16,200	475 27,900	1,130 63,500	1,950 11,020	4,375 246,000	6,925 388,125	15,700 883,000	37,000 2,054,000
400 (2.123)	150 9,750	340 21,400	590 37,000	1,330 83,650	2,325 145,000	5,250 324,000	8,300 512,000	18,900 1,165,000	44,000 2,705,000
500 (2.635)	180 12,000	398 26,600	690 46,000	1,525 104,000	2,700 180,000	6,000 402,100	9,600 635,000	21,000 1,445,000	50,900 3,360,000
1000 (5.194)	280 23,800	625 52,400	1,090 90,200	2,450 205,000	4,200 355,000	9,500 793,000	15,000 1,252,000	42,000 3,546,000	80,000 6,620,000

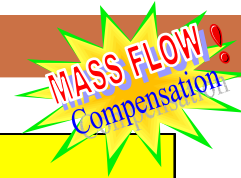
1. Standard conditions of 68 °F (20 °C) in schedule 40 pipe
2. psig
3. lb/ft³



Air Minimum and Maximum Flow Rates (SCMM) ⁴									
Pressure ⁵ (Density) ⁶	50mm	80mm	100mm	150mm	200mm	300mm	400mm	600mm	900mm
0 (1.205)	.480 9.75	1.06 21.5	1.80 37	4.15 84	7.10 145.5	19.40 393	25.40 514	57.80 1170	134 2,720
3.4 (5.248)	1.28 42.50	2.80 94	4.80 161	11 366	19.20 633	42.90 1420	67.50 2235	154 5,100	358 11,830
6.9 (9.409)	1.90 76.20	4.10 168	7.20 289	16.30 656	28.30 1135	63 2540	100 4010	225 9120	528 21,203
11 (14.28)	2.50 116	5.50 255	9.50 439	21.60 995	37.40 1,725	83.75 3,855	130 6,085	300 13,850	695 32,200
13.8 (17.61)	2.80 143	6.30 314	10.90 541	24.75 1,227	43 2,125	96 4,755	150 7510	345 17,100	804 40,000
20.7 (25.82)	3.70 210	8.20 461	14.15 795	32 1,800	55.50 3113	120 7,000	195 11,000	445 25,025	1,025 58,200
27.6 (34.02)	4.40 280	9.80 610	17 1050	38.50 2370	66 4,110	150 9200	235 14,5000	535 33,000	1,240 76,670
34.5 (42.22)	5.10 342	11.40 755	19.60 1,300	44.50 2,950	77 5,100	170 11,400	270 18,000	620 41,000	1,440 95,200
69 (83.24)	8.1 670	17.90 1,500	30.50 2,555	70 5,800	120 10,040	270 22,500	425 35,500	970 81,000	2,250 188,000

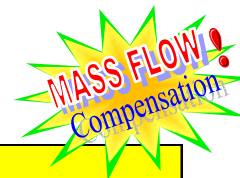
4. Standard conditions of 68 °F (20 °C) in schedule 40 pipe
5. bar
6. kg/m³

Measurable Flow Rates for VP



Natural Gas Minimum and Maximum Flow Rates (SCFM) ¹								
Pressure ² (Density) ³	3/4"	1"	1.5"	2"	3"	4"	6"	8"
0 (.0330)	2.85 44.40	4.80 73.80	11.80 181.30	19.75 305	44 678	76.90 1,180	174 2675	380 6,300
50 (.1451)	7.75 196	12.90 325	31.70 798	53 1333	118 2,990	198 5,200	467 11,770	1,060 24,600
100 (.2573)	11.3 346	18.90 576	46.60 1,415	77.75 2,370	175 5,290	298 9,210	690 20,870	1,420 46,300
150 (.3695)	14.40 510	24 830	58 2,035	98.90 3,400	220 7,595	385 13,2020	870 29,980	1,830 72,400
200 (.4816)	17.30 650	28.75 1,080	70.50 2,650	118 4,425	260 9,900	460 17,230	1,040 39,060	2,240 92,600
300 (.7060)	22.30 950	37 1,580	90 3,885	150 6,485	340 14,510	590 25,250	1,340 57,250	2,040 138,400
400 (.9303)	26.75 1,255	44.60 2,085	105 5,120	180 8,550	400 19,125	710 33,275	1,600 75,400	3,680 163,000
500 (1.155)	30 1,555	525 2,585	125 6,350	210 10,610	470 23,730	820 41,300	1860 93,650	4,460 220,600
1000 (2.276)	48.70 3,075	80 5,100	198 12,550	330 20,900	740 46,780	1,290 81,420	2,930 184,600	7,200 406,400

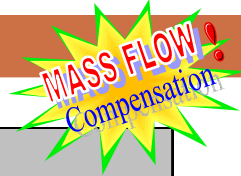
1. Standard conditions of 68 °F (20 °C) in schedule 40 pipe
2. psig
3. lb/ft³



Natural Gas Minimum and Maximum Flow Rates (SCMM) ⁴								
Pressure ⁵ (Density) ⁶	18.75mm	25mm	40mm	50mm	75mm	100mm	150mm	200mm
0 (.5281)	.0819 1.256	.136 2.09	.334 5.13	.559 8.58	1.25 19.20	2.17 33.40	4.93 75.72	9.12 152.40
3.4 (2.300)	.218 5.47	.363 9.10	.890 22.35	1.49 37.35	3.33 83.56	5.80 145.50	13.10 329.70	27.30 689.70
6.9 (4.124)	.322 9.81	.536 16.32	1.31 40.10	2.20 66.98	4.93 150	8.57 261	19.44 591.20	51.60 1,370
11 (6.260)	.426 14.90	.708 24.77	1.74 60.85	2.91 101.70	6.5 227.40	11.33 395.50	25.60 898	73.20 1,780
13.8 (7.719)	.490 18.36	.815 30.55	2 75.03	3.34 125.40	7.45 280.40	13.03 488.10	29.50 1,107	74 2,460
20.7 (11.31)	.632 26.91	1.05 44.77	2.58 110	4.31 1.83	9.66 411	16.81 715.50	38.12 1,622	86.20 4,220
27.6 (14.91)	.76 35.46	1.26 59	3.10 145	5.19 242.20	11.61 541.70	20.21 942.90	45.80 2,138	123 5,240
34.5 (18.51)	.878 44.05	1.46 73.22	3.58 180	5.90 301	13.41 672.30	23.34 1,170	52.95 2,653	146 5,720
69 (36.48)	1.38 87.77	2.29 144.30	5.60 354.60	9.40 592.60	21.09 1,325	36.70 2,307	83.24 5,231	189 11,200

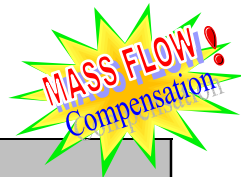
4. Standard conditions of 68 °F (20 °C) in schedule 40 pipe
5. bar
6. kg/m³

Measurable Flow Rates for VP



Air Minimum and Maximum Flow Rates (SCFM) ¹								
Pressure ² (Density) ³	3/4"	1"	1.5"	2"	3"	4"	6"	8"
0 (0.0752)	2.19 44.36	3.65 73.80	8.98 181.30	15.01 303	33.57 678	58.43 1,180	132.50 2,675	279.40 3,560
50 (0.3312)	5.90 195	9.82 325	24.13 798	40.32 1,333	90.20 2,982	157 5,191	356 11,770	710 23,200
100 (0.5871)	8.60 346.10	14.30 576	35.35 1,415	59.08 2,365	132 5,287	230 9,203	521 20,866	1,080 44,300
150 (0.8430)	11.01 497	18.32 826.80	45 2,031	75.20 3,395	168.20 7,592	292.80 13,215	663 29,965	1,320 68,300
200 (1.0998)	13.14 5,050	21.86 1,078	53.70 2,650	89.75 4,425	200 9,897	349 17,226	790 39,060	1,502 92,600
300 (1.611)	16.96 950	28.20 1,580	69.30 3,881	115 6,485	259 14,507	450 25,250	1,022 57,248	2,300 123,000
400 (2.123)	20.39 1,251	33.90 2,082	83.32 5,115	139 8,546	311 19,116	542 33,275	1,229 75,440	2,750 145,300
500 (2.635)	23.55 1,553	39.15 2,585	96.23 6,348	160 10,607	359 23,726	626 41,300	1,415 93,635	3,240 209,600
1000 (5.194)	37.03 3,065	61.60 5,095	150 12,520	252 20,910	565 46,775	984 81,420	2,232 184,588	4,500 424,000

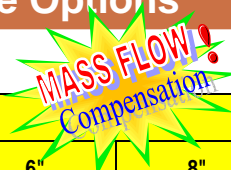
1. Standard conditions of 68 °F (20 °C) in schedule 40 pipe
2. psig
3. lb/ft³



Air Minimum and Maximum Flow Rates (SCMM) ⁴								
Pressure ⁵ (Density) ⁶	18.75mm	25mm	40mm	50mm	75mm	100mm	150mm	200mm
0 (1.205)	.062 1.25	.1035 2.09	.254 5.134	.425 8.57	.95 19.19	1.65 33.40	3.75 75.72	7.20 168
3.4 (5.248)	.742 5.47	.276 9.10	.678 22.35	1.13 37.35	2.53 83.56	4.41 145.40	10 329.70	22.30 675
6.9 (9.409)	.742 9.80	.407 16.32	1.002 40.08	1.67 66.98	3.74 149.80	6.51 260.80	14.77 591.20	32.50 1,210
11 (14.28)	.323 14.89	.538 24.77	1.32 60.85	2.21 101.70	4.94 227.40	8.60 396	19.50 197.60	43.60 412
13.8 (17.61)	0.372 18.36	.619 30.54	1.52 75.03	2.52 125.40	5.68 280.40	9.80 488.10	22.44 1,107	49.60 2,450
20.7 (25.82)	.480 26.95	.790 44.77	1.96 110	3.28 184	7.34 412	12.78 715.50	28.96 1,622	62 3,580
27.6 (34.02)	.577 35.46	.960 59	2.36 145	3.94 242.20	8.82 541.70	15.35 943	34.80 2,138	74 4,460
34.5 (42.22)	.667 44.05	1.11 73.22	2.72 180	4.55 300.60	10.19 672.30	17.70 1,170	40.20 2,654	86.60 3,650
69 (83.24)	1.04 86.77	1.74 144.30	4.28 354.60	7.16 593	16.03 1,325	27.89 2,307	63.24 5,231	132 13,200

4. Standard conditions of 68 °F (20 °C) in schedule 40 pipe
5. bar
6. kg/m³

Measurable Flow Rates for FVP w/ Low Flow Range Options



Natural Gas Minimum and Maximum Flow Rates (SCFM) ¹																	
Pressure ² (Density) ³	3/4"	1"			1.5"		2"			3"		4"		6"		8"	
Model #	750	1000	1750	1500	1510	2000	2150	2100	3000	3200	4000	4300	6000	6400	8000	8600	
0 (.0330)	2.85 44.40	4.80 73.80	2.85 44.40	11.80 181.30	4.80 73.80	19.75 305	11.80 181.30	4.80 73.80	44 678	19.75 305	76.90 1,180	44 678	174 2675	76.90 1,180	380 6,300	174 2675	
50 (.1451)	7.75 196	12.90 325	7.75 196	31.70 798	12.90 325	53 1333	31.70 798	12.90 325	118 2,990	53 1333	198 5,200	118 2,990	467 11,770	198 5,200	1,060 24,600	467 11,770	
100 (.2573)	11.3 346	18.90 576	11.3 346	46.60 1,415	18.90 576	77.75 2,370	46.60 1,415	18.90 576	175 5,290	77.75 2,370	298 9,210	175 5,290	690 20,870	298 9,210	1,420 46,300	690 20,870	
150 (.3695)	14.40 510	24 830	14.40 510	58 2,035	24 830	98.90 3,400	58 2,035	24 830	220 7,595	98.90 3,400	385 13,202	220 7,595	870 29,980	385 13,202	1,830 72,400	870 29,980	
200 (.4816)	17.30 650	28.75 1,080	17.30 650	70.50 2,650	28.75 1,080	118 4,425	70.50 2,650	28.75 1,080	260 9,900	118 4,425	460 17,230	260 9,900	1,040 39,060	460 17,230	2,240 92,600	1,040 39,060	
300 (.7060)	22.30 950	37 1,580	22.30 950	90 3,885	37 1,580	150 6,485	90 3,885	37 1,580	340 14,510	150 6,485	590 25,250	340 14,510	1,340 57,250	590 25,250	2,040 138,400	1,340 57,250	
400 (.9303)	26.75 1,255	44.60 2,085	26.75 1,255	105 5,120	44.60 2,085	180 8,550	105 5,120	44.60 2,085	400 19,125	180 8,550	710 33,275	400 19,125	1,600 75,400	710 33,275	3,680 163,000	1,600 75,400	
500 (1.155)	30 1,555	525 2,585	30 1,555	125 6,350	525 2,585	210 10,610	125 6,350	525 2,585	470 23,730	210 10,610	820 41,300	470 23,730	1860 93,650	820 41,300	4,460 220,600	1860 93,650	
1000 (2.276)	48.70 3,075	80 5,100	48.70 3,075	198 12,550	80 5,100	330 20,900	198 12,550	80 5,100	740 46,780	330 20,900	1,290 81,420	740 46,780	2,930 184,600	1,290 81,420	7,200 406,400	2,930 184,600	

1. Standard conditions of 68 °F (20 °C) in schedule 40 pipe

2. psig

3. lb/ft³

= Standard Range

& = Low Flow Range Options



Natural Gas Minimum and Maximum Flow Rates (SCMM) ⁴																
Pressure ⁵ (Density) ⁶	18.75 mm	25mm		40mm		50mm			75mm		100mm		150mm		200mm	
Model #	750	1000	1750	1500	1510	2000	2150	2100	3000	3200	4000	4300	6000	6400	8000	8600
0 (.5281)	.0819 1.256	.136 2.09	.0819 1.256	.334 5.13	.136 2.09	.559 8.58	.334 5.13	.136 2.09	1.25 19.20	.559 8.58	2.17 33.40	1.25 19.20	4.93 75.72	2.17 33.40	9.12 152.40	4.93 75.72
3.4 (2.300)	.218 5.47	.363 9.10	.218 5.47	.890 22.35	.363 9.10	1.49 37.35	.890 22.35	.363 9.10	3.33 83.56	1.49 37.35	5.80 145.50	3.33 83.56	13.10 329.70	5.80 145.50	27.30 689.70	13.10 329.70
6.9 (4.124)	.322 9.81	.536 16.32	.322 9.81	1.31 40.10	.536 16.32	2.20 66.98	1.31 40.10	.536 16.32	4.93 150	2.20 66.98	8.57 261	4.93 150	19.44 591.20	8.57 261	51.60 1,370	19.44 591.20
11 (6.260)	.426 14.90	.708 24.77	.426 14.90	1.74 60.85	.708 24.77	2.91 101.70	1.74 60.85	.708 24.77	6.5 227.40	2.91 101.70	11.33 395.50	6.5 227.40	25.60 898	11.33 395.50	73.20 1,780	25.60 898
13.8 (7.719)	.490 18.36	.815 30.55	.490 18.36	2 75.03	.815 30.55	3.34 125.40	2 75.03	.815 30.55	7.45 280.40	3.34 125.40	13.03 488.10	7.45 280.40	29.50 1,107	13.03 488.10	74 2,460	29.50 1,107
20.7 (11.31)	.632 26.91	1.05 44.77	.632 26.91	2.58 110	1.05 44.77	4.31 1.83	2.58 110	1.05 44.77	9.66 411	4.31 1.83	16.81 715.50	9.66 411	38.12 1,622	16.81 715.50	86.20 4,220	38.12 1,622
27.6 (14.91)	.76 35.46	1.26 59	.76 35.46	3.10 145	1.26 59	5.19 242.20	3.10 145	1.26 59	11.61 541.70	5.19 242.20	20.21 942.90	11.61 541.70	45.80 2,138	20.21 942.90	123 5,240	45.80 2,138
34.5 (18.51)	.878 44.05	1.46 73.22	.878 44.05	3.58 180	1.46 73.22	5.90 301	3.58 180	1.46 73.22	13.41 672.30	5.90 301	23.34 1,170	13.41 672.30	52.95 2,653	23.34 1,170	146 5,720	52.95 2,653
69 (36.48)	1.38 87.77	2.29 144.30	1.38 87.77	5.60 354.60	2.29 144.30	9.40 592.60	5.60 354.60	2.29 144.30	21.09 1,325	9.40 592.60	36.70 2,307	21.09 1,325	83.24 5,231	36.70 2,307	189 11,200	83.24 5,231

4. Standard conditions of 68 °F (20 °C) in schedule 40 pipe

5. bar

6. kg/m³

= Standard Range

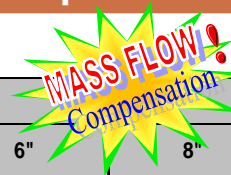
& = Low Flow Range Options

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Measurable Flow Rates for *FVP* w/ Low Flow Range Options



Air Minimum and Maximum Flow Rates (SCFM) ¹																
Pressure ² (Density) ³	3/4"	1"			1.5"		2"			3"		4"		6"		8"
Model #	750	1000	1750	1500	1510	2000	2150	2100	3000	3200	4000	4300	6000	6400	8000	8600
0 (0.0752)	2.19 44.36	3.65 73.80	2.19 44.36	8.98 181.30	3.65 73.80	15.01 303	8.98 181.30	3.65 73.80	33.57 678	15.01 303	58.43 1,180	33.57 678	132.50 2,675	58.43 1,180	279.40 3,560	132.50 2,675
50 (0.3312)	5.90 195	9.82 325	5.90 195	24.13 798	9.82 325	40.32 1,333	24.13 798	9.82 325	90.20 2,982	40.32 1,333	157 5,191	90.20 2,982	356 11,770	157 5,191	710 23,200	356 11,770
100 (0.5871)	8.60 346.10	14.30 576	8.60 346.10	35.35 1,415	14.30 576	59.08 2,365	35.35 1,415	14.30 576	132 5,287	59.08 2,365	230 9,203	132 5,287	521 20,866	230 9,203	1,080 44,300	521 20,866
150 (0.8430)	11.01 497	18.32 826.80	11.01 497	45 2,031	18.32 826.80	75.20 3,395	45 2,031	18.32 826.80	168.20 7,592	75.20 3,395	292.80 13,215	168.20 7,592	663 29,965	292.80 13,215	1,320 68,300	663 29,965
200 (1.0998)	13.14 5,050	21.86 1,078	13.14 5,050	53.70 2,650	21.86 1,078	89.75 4,425	53.70 2,650	21.86 1,078	200 9,897	89.75 4,425	349 17,226	200 9,897	790 39,060	349 17,226	1,502 92,600	790 39,060
300 (1.611)	16.96 950	28.20 1,580	16.96 950	69.30 3,881	28.20 1,580	115 6,485	69.30 3,881	28.20 1,580	259 14,507	115 6,485	450 25,250	259 14,507	1,022 57,248	450 25,250	2,300 123,000	1,022 57,248
400 (2.123)	20.39 1,251	33.90 2,082	20.39 1,251	83.32 5,115	33.90 2,082	139 8,546	83.32 5,115	33.90 2,082	311 19,116	139 8,546	542 33,275	311 19,116	1,229 75,440	542 33,275	2,750 145,300	1,229 75,440
500 (2.635)	23.55 1,553	39.15 2,585	23.55 1,553	96.23 6,348	39.15 2,585	160 10,607	96.23 6,348	39.15 2,585	359 23,726	160 10,607	626 41,300	359 23,726	1,415 93,635	626 41,300	3,240 209,600	1,415 93,635
1000 (5.194)	37.03 3,065	61.60 5,095	37.03 3,065	150 12,520	61.60 5,095	252 20,910	150 12,520	61.60 5,095	565 46,775	252 20,910	984 81,420	565 46,775	2,232 184,588	984 81,420	4,500 424,000	2,232 184,588

- Standard conditions of 68 °F (20 °C) in schedule 40 pipe
- psig
- lb/ft³

= Standard Range

& = Low Flow Range Options



Air Minimum and Maximum Flow Rates (SCMM) ⁴																	
Pressure ⁵ (Density) ⁶	18.75 mm	25mm			40mm		50mm			75mm		100mm		150mm		200mm	
Model #	750	1000	1750	1500	1510	2000	2150	2100	3000	3200	4000	4300	6000	6400	8000	8600	
0 (1.205)	.062 1.25	.1035 2.09	.062 1.25	.254 5.134	.1035 2.09	.425 8.57	.254 5.134	.1035 2.09	.95 19.19	.425 8.57	1.65 33.40	.95 19.19	3.75 75.72	1.65 33.40	7.20 168	3.75 75.72	
3.4 (5.248)	.742 5.47	.276 9.10	.742 5.47	.678 22.35	.276 9.10	1.13 37.35	.678 22.35	.276 9.10	2.53 83.56	1.13 37.35	4.41 145.40	2.53 83.56	10 329.70	4.41 145.40	22.30 675	10 329.70	
6.9 (9.409)	.742 9.80	.407 16.32	.742 9.80	1.002 40.08	.407 16.32	1.67 66.98	1.002 40.08	.407 16.32	3.74 149.80	1.67 66.98	6.51 260.80	3.74 149.80	14.77 591.20	6.51 260.80	32.50 1,210	14.77 591.20	
11 (14.28)	.323 14.89	.538 24.77	.323 14.89	1.32 60.85	.538 24.77	2.21 101.70	1.32 60.85	.538 24.77	4.94 227.40	2.21 101.70	8.60 396	4.94 227.40	19.50 197.60	8.60 396	43.60 412	19.50 197.60	
13.8 (17.61)	0.372 18.36	.619 30.54	0.372 18.36	1.52 75.03	.619 30.54	2.52 125.40	1.52 75.03	.619 30.54	5.68 280.40	2.52 125.40	9.80 488.10	5.68 280.40	22.44 1,107	9.80 488.10	49.60 2,450	22.44 1,107	
20.7 (25.82)	.480 26.95	.790 44.77	.480 26.95	1.96 110	.790 44.77	3.28 184	1.96 110	.790 44.77	7.34 412	3.28 184	12.78 715.50	7.34 412	28.96 1,622	12.78 715.50	62 3,580	28.96 1,622	
27.6 (34.02)	.577 35.46	.960 59	.577 35.46	2.36 145	.960 59	3.94 242.20	2.36 145	.960 59	8.82 541.70	3.94 242.20	15.35 943	8.82 541.70	34.80 2,138	15.35 943	74 4,460	34.80 2,138	
34.5 (42.22)	.667 44.05	1.11 73.22	.667 44.05	2.72 180	1.11 73.22	4.55 300.60	2.72 180	1.11 73.22	10.19 672.30	4.55 300.60	17.70 1,170	10.19 672.30	40.20 2,654	17.70 1,170	86.60 3,650	40.20 2,654	
69 (83.24)	1.04 86.77	1.74 144.30	1.04 86.77	4.28 354.60	1.74 144.30	7.16 593	4.28 354.60	1.74 144.30	16.03 1,325	7.16 593	27.89 2,307	16.03 1,325	63.24 5,231	27.89 2,307	132 13,200	63.24 5,231	

- Standard conditions of 68 °F (20 °C) in schedule 40 pipe
- bar
- kg/m³

= Standard Range

& = Low Flow Range Options