



SAFETY-RELIEF VALVE

MODEL 3600-3800

CAPACITY CHART

PLASTIC SEATS ONLY

AIR

(MOL. WT. = 28.97)

SCFM (60°F - 14.7 PSIA) 10% OVERPRESSURE

SET PRESSURE (PSIG)	MINIMUM CONNECTIONS	
	1/2 x 1/2 OR	1/2 x OPEN
	ORIFICE DIAMETER (IN.)	
	.156	.250
50	11	21
75	16	30
100	20	38
125	25	46
140	28	51
150	29	54
160	31	58
180	35	64
200	38	71
250	47	88
300	56	104
350	65	121
400	74	138
450	83	154
500	92	171
550	101	188
600	110	204
650	119	221
700	128	238
750	137	254
800	146	271
900	164	304
1000	182	338
1100	200	371
1300	236	438
1500	271	504
1700	307	571
2000	361	671
2500	451	838
3000	539	1004
3500	630	1171
4000	720	1338
4250	764	1421
5000	899	
5500	989	
6000	1078	
6500	1168	
7000	1258	
7500	1347	
8000	1437	
8500	1526	
9000	1616	
9500	1706	
10000	1795	

(#/HR. = SCFM x 4.596)

HYDROGEN

(MOL. WT. = 2.02)

SCFM (60°F - 14.7 PSIA) 10% OVERPRESSURE

SET PRESSURE (PSIG)	MINIMUM CONNECTIONS	
	1/2 x 1/2 OR	1/2 x OPEN
	ORIFICE DIAMETER (IN.)	
	.156	.250
50	43	80
75	60	112
100	77	144
125	94	175
140	105	194
150	111	207
160	118	220
180	132	245
200	146	270
250	180	334
300	214	397
350	248	461
400	282	524
450	316	587
500	350	651
550	384	714
600	418	778
650	452	841
700	486	904
750	521	968
800	555	1031
900	623	1158
1000	691	1285
1100	759	1411
1300	896	1666
1500	1032	1918
1700	1168	2172
2000	1373	2552
2500	1714	3186
3000	2055	3820
3500	2396	4453
4000	2737	5087
4250	2907	5404
5000	3419	
5500	3759	
6000	4100	
6500	4441	
7000	4782	
7500	5123	
8000	5464	
8500	5805	
9000	6146	
9500	6487	
10000	6828	

(#/HR. = SCFM x .3189)