

Air Flow Chart

GAUGE PRESSURE IN RECEIVER	FLOW OF FREE AIR (CUBIC FEET PER MINUTE) THROUGH ORIFICES OF VARIOUS DIAMETERS...							
	1/64"	1/32"	3/64"	1/16"	3/32"	1/8"	3/16"	1/4"
1 lbs.	0.027	0.107	0.242	0.43	0.97	1.72	3.86	6.85
2 lbs.	0.038	0.153	0.342	0.607	1.36	2.43	5.42	9.74
3 lbs.	0.046	0.188	0.471	0.75	1.68	2.98	6.71	11.9
5 lbs.	0.059	0.242	0.545	0.965	2.18	3.86	8.71	15.4
10 lbs.	0.084	0.342	0.77	1.36	3.08	5.45	12.3	21.8
15 lbs.	0.103	0.418	0.94	1.67	3.75	6.65	15	26.7
20 lbs.	0.119	0.485	1.07	1.93	4.25	7.7	17.1	30.8
25 lbs.	0.133	0.54	1.21	2.16	4.75	8.6	19.4	34.5
30 lbs.	0.156	0.632	1.4	2.52	5.6	10	22.5	40
35 lbs.	0.173	0.71	1.56	2.8	6.2	11.2	25	44.7
40 lbs.	0.19	0.77	1.71	3.07	6.8	12.3	27.5	49.1
45 lbs.	0.208	0.843	1.9	3.36	7.6	13.4	30.3	53.8
50 lbs.	0.225	0.914	2.05	3.64	8.2	14.5	32.8	58.2
60 lbs.	0.26	1.05	2.35	4.2	9.4	16.8	37.5	67
70 lbs.	0.295	1.19	2.68	4.76	10.7	19	43	76
80 lbs.	0.33	1.33	2.97	5.32	11.9	21.2	47.5	85
90 lbs.	0.364	1.47	3.28	5.87	13.1	23.5	52.5	94
100 lbs.	0.4	1.61	3.66	6.45	14.5	25.8	58.3	103
110 lbs.	0.43	1.76	3.95	7	15.7	28	63	112
120 lbs.	0.47	1.9	4.27	7.58	17	30.2	68	121
130 lbs.	0.5	2.04	4.57	8.13	18.2	32.4	73	130
140 lbs.	0.54	2.17	4.87	8.68	19.5	34.5	78	138
150 lbs.	0.57	2.33	5.2	9.2	20.7	36.7	83	147
175 lbs.	0.68	2.65	5.94	10.6	23.8	42.1	95	169
200 lbs.	0.76	3.07	6.9	12.2	27.5	48.7	110	195