



Abrasive Blast Air Consumption Pressure

AIR FLOW THROUGH PRESSURE BLAST NOZZLE CFM

Blast Pressure	20	25	30	35	40	45	50	60	70	80	90	100	120
Nozzle Diameter													
1/8"	7	7	8	9	10	12	13	14	15	17	19	20	25
3/16"	15	16	18	20	22	24	26	30	33	38	41	45	55
1/4"	27	30	32	37	41	45	49	55	61	68	74	81	97
5/16"	42	46	50	57	64	70	76	88	101	113	126	137	152
3/8"	55	63	73	82	91	100	109	126	143	161	173	196	220
7/16"	72	85	99	112	124	137	149	170	194	217	240	254	300
1/2"	96	112	129	146	163	179	194	224	252	280	309	338	392
5/8"								356	404	452	504	548	611

AIR FLOW THROUGH SUCTION BLAST GUN CFM

Blast Pressure

Nozzle Size	Air Jet Size	30	40	50	60	70	80	90	100
1/4"	1/8"	10	12	15	17	19	21	23	26
5/16"	5/32"	15	19	23	27	31	37	38	42
3/8"	3/16"	24	29	35	39	45	50	56	62
7/16"	7/32"	31	38	45	52	59	66	73	80

The general rule for sizing compressors: **4 CFM** per Horsepower

Example: **4** CFM/ HP X **5** HP = **20** CFM