

Universal RAI® Blower Performance Table

Frame Size	Speed RPM	1 PSI		6 PSI		7 PSI		10 PSI		12 PSI		13 PSI		14 PSI		15 PSI		Max. Vacuum		
		CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	"HGV	CFM	BHP
22	1160	10	0.1															4	6	0.2
	3600	49	0.3	38	1.6	36	1.8	32	2.6	29	3.1							14	28	1.8
	5275	76	0.5	64	2.4	63	2.7	59	3.8	56	4.6							15	53	2.8
24	1160	24	0.2															6	12	0.5
	3600	102	0.6	83	3.1	81	3.6											14	69	3.5
	5275	156	0.9	137	4.6	135	5.4											15	119	5.5
32	1160	40	0.2	21	1.4	19	1.6											10	18	1.1
	2800	113	0.6	95	3.4	93	3.9	86	5.6	82	6.7	81	7.2	79	7.8	77	8.3	15	78	4.1
	3600	149	0.9	131	4.4	129	5.2	122	7.3	118	8.7	117	9.4	115	10.1	113	10.8	16	110	5.3
33	1160	55	0.3	31	1.9	28	2.2											10	27	1.5
	2800	156	0.9	132	4.6	129	5.4	120	7.7	116	9.2							14	113	5.2
	3600	205	1.2	181	6.1	178	7.0	170	9.9	165	11.9							15	159	7.3
36	1160	95	0.5	61	3.1	57	3.6											10	55	2.5
	2800	262	1.5	229	7.7	224	8.9											12	213	7.5
	3600	344	2.1	310	10.1	306	11.7											15	278	12.1
42	860	38	0.2	18	1.4	15	1.6											8	19	0.9
	1760	92	0.5	72	2.8	69	3.3	62	4.7	58	5.6							14	56	3.2
	3600	204	1.4	183	6.1	181	7.1	173	9.9	169	11.8	167	12.8	165	13.7	163	14.7	16	160	7.7
45	860	79	0.5	42	2.7	37	3.2											8	46	1.8
	1760	188	1.0	151	5.7	146	6.6	133	9.4									12	134	5.5
	3600	410	2.7	374	12.2	369	14.1	356	19.8									16	332	15.4
47	860	105	0.6	59	3.6	53	4.2											8	63	2.4
	1760	249	1.3	203	7.5	196	8.7											12	181	7.3
	3600	542	3.5	496	16.1	490	18.6											15	452	19.1
53	700	72	0.4	42	2.4	38	2.8											10	36	2.0
	1760	211	1.2	181	6.3	177	7.3	167	10.3	160	12.3	157	13.3	155	14.4			14	158	7.1
	2850	355	2.5	325	10.7	321	12.3	310	17.2	304	20.5	301	22.1	298	23.8	295	25.4	16	291	13.4
56	700	123	0.7	78	4.1	72	4.7											10	70	3.3
	1760	358	2.0	312	10.5	306	12.2	290	17.3	280	20.6	276	22.3					14	276	11.8
	2850	598	4.0	553	17.7	547	20.5	531	28.7	521	34.2	517.0	37.0					16	501	22.4
59	700	187	1.0	130	5.9													8	135	3.9
	1760	529	2.9	472	15.3	464	17.8											12	445	14.9
	2850	881	5.9	824	26.0	816	30.0											15	770	30.8
65	700	140	0.8	93	4.5	86	5.3	70	7.5									12	71	4.4
	1760	400	2.4	353	11.9	347	13.8	330	19.4	320	23.2	316	25.1	311	27.0	307	28.9	16	300	15.2
	2350	546	3.8	499	16.4	492	19.0	475	26.5	466	31.6	461	34.1	457	36.6	452	39.1	16	445	25.6
68	700	224	1.2	149	7.3	139	8.5											10	135	5.9
	1760	643	3.7	567	18.9	557	21.9	530	31.0	515	37.0	507	40.1	500	43.1			15	495	22.7
	2350	876	5.6	801	25.9	790	29.9	763	42.1	748	50.2	740	54.2	733	58.3			16	715	32.8
615	700	420	2.3	279	13.6	260	15.9											8	292	8.9
	1760	1205	6.6	1063	34.9	1044	40.6											12	997	33.9
	2350	1641	9.7	1500	47.6	1481	55.2											14	1389	53.4
76	575	192	1.1	134	6.1	126	7.1	105	10.2									12	117	6.0
	1400	527	3.0	468	15.4	460	17.8	439	25.3	427	30.2	421	32.7	415	35.1	410	37.6	16	413	19.7
	2050	790	5.3	731	23.4	723	27.0	702	37.9	690	45.1	684	48.7	679	52.4	673	56.0	16	674	29.5
711	575	362	1.9	271	11.1	258	13.0	226	18.6									12	228	10.9
	1400	970	5.2	880	27.7	867	32.2	835	45.7									15	793	33.5
	2050	1450	8.8	1359	41.8	1347	48.4	1315	68.2									16	1256	53.1
718	575	600	3.1	470	18.1													10	446	14.8
	1400	1590	8.1	1460	44.8													12	1398	43.6
	2050	2370	13.3	2240	66.9													12	2178	64.7

Notes: 1. Pressure ratings based on inlet air at standard pressure of 14.7 psia, standard temperature of 68° F, and specific gravity of 1.0.
 2. Vacuum ratings based on inlet air at standard temperature of 68° F, discharge of 30" Hg and specific gravity of 1.0.