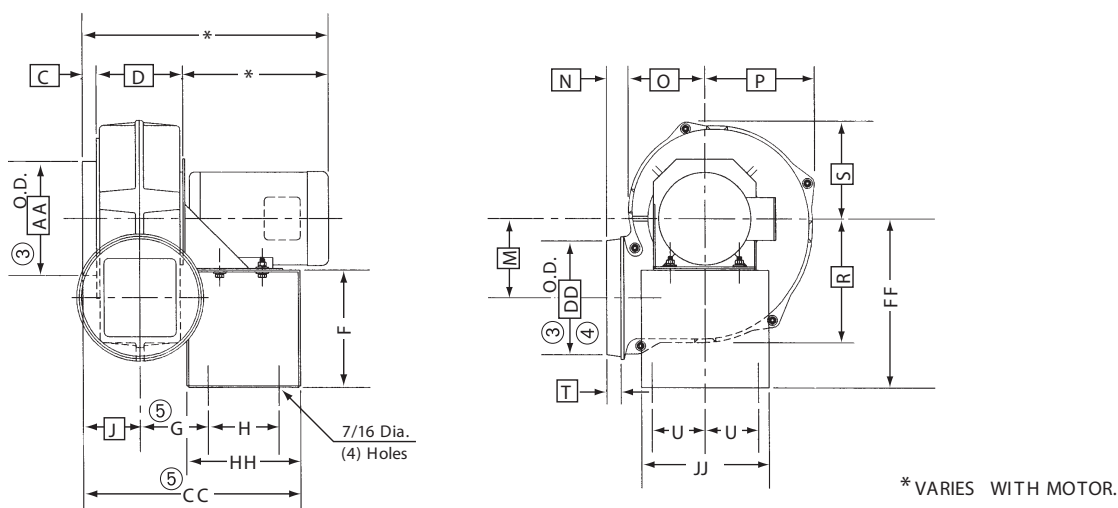




DIRECT DRIVE CENTRIFUGAL BLOWERS

BLOWER DIMENSIONAL DATA



DIMENSIONS IN INCHES $\pm 1/8"$

MODEL NO.	C	D	J	M	N	O	P	R	S	T	AA	DD
4C	1	$3\frac{7}{8}$	$2\frac{15}{16}$	$2\frac{13}{16}$	$1\frac{3}{4}$	$3\frac{5}{8}$	$4\frac{1}{2}$	5	$4\frac{1}{16}$	1	5	4
6C	1	$4\frac{13}{16}$	$3\frac{3}{8}$	$4\frac{1}{4}$	$1\frac{3}{4}$	$4\frac{3}{16}$	$6\frac{1}{4}$	$6\frac{1}{2}$	$5\frac{9}{16}$	1	6	6
8C	1	$6\frac{1}{16}$	4	$5\frac{9}{16}$	$1\frac{5}{8}$	$5\frac{1}{4}$	$7\frac{13}{16}$	$8\frac{11}{16}$	$6\frac{7}{8}$	1	8	8

DIMENSIONS IN INCHES $\pm 1/8"$

MODEL NO.	MOTOR FRAME	F	G	GA	H	U	CC	CC▲	FF	HH	JJ	KK	MM
4C	56	5	$3\frac{1}{4}$	—	5	$2\frac{3}{4}$	$12\frac{1}{4}$	—	$18\frac{9}{16}$	$7\frac{1}{8}$	7	$1\frac{5}{16}$	$3\frac{1}{4}$
6C	56	5	$3\frac{3}{4}$	$4\frac{3}{16}$	5	$2\frac{3}{4}$	$13\frac{3}{16}$	$13\frac{5}{8}$	$18\frac{9}{16}$	$7\frac{1}{8}$	7	$1\frac{5}{16}$	$3\frac{11}{16}$
8C	56	$8\frac{1}{4}$	$4\frac{13}{16}$	$5\frac{7}{8}$	5	$3\frac{3}{4}$	$15\frac{5}{16}$	$16\frac{3}{8}$	$11\frac{13}{16}$	8	9	$1\frac{5}{16}$	$4\frac{5}{16}$

BLOWER PERFORMANCE DATA

4C		Wheel Size: 4.7 x 2.9				Outlet Area: .077 Sq. Ft.												Steel Wheel Max. Speed: 4000 RP M							
CFM	1/4" SP		1/2" SP		3/4" SP		1" SP		1 1/4" SP		1 1/2" SP		1 3/4" SP		2" SP		2 1/4" SP		2 1/2" SP						
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP					
100	132.2	.01	1685	.03																					
150	1656	.03	1921	.05	2168	.06	2409	.08	2645	.11	2877	.13	3192	.20	3370	.23	3547	.26	3721	.29					
200	2033	.06	2255	.08	2454	.10	2644	.12	2830	.14	3012	.17													
250	2426	.11	2624	.13	2797	.15	2960	.18	3116	.20	3268	.23													
300	2827	.18	3009	.21	3166	.23	3312	.26	3450	.29	3584	.31													
350	3233	.28	3403	.31	3549	.34	3683	.37	3810	.40	3931	.43	3714	.34	3841	.37	3967	.40							
400	3642	.41	3802	.44	3940	.48																			
For ratings in bold italics, a direct drive fan is recommended.																									

6C		Wheel Size : 6.3 x 3.5		Outlet Area: .173 Sq. Ft.										Steel Wheel Max. Speed: 3500 RPM					
CFM	1/2" SP		3/4" SP		1" SP		1 1/4" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
150	1182	.03																	
200	1221	.04	1455	.06															
250	1297	.05	1502	.07	1693	.09	1873	.12	2044	.15									
300	1393	.07	1578	.09	1749	.11	1913	.14	2069	.17	2363	.23							
350	1503	.09	1671	.12	1828	.14	1977	.17	2120	.20	2392	.26	2648	.34					
400	1621	.12	1776	.15	1921	.17	2059	.20	2191	.24	2443	.30	2681	.38	2909	.46	3127	.54	
450	1746	.16	1890	.19	2025	.22	2153	.25	2277	.28	2511	.35	2734	.43	2948	.51	3154	.60	
500	1875	.20	2010	.23	2137	.27	2257	.30	2373	.33	2594	.41	2803	.49	3004	.57	3198	.66	
550	2009	.26	2135	.29	2255	.32	2368	.36	2478	.39	2686	.47	2884	.55	3074	.64	3258	.73	
600	2146	.32	2264	.36	2377	.39	2485	.43	2589	.47	2787	.55	2975	.63	3155	.72	3330	.82	
650	2285	.39	2397	.43	2504	.47	2606	.51	2705	.55	2894	.64	3073	.72	3245	.82	3411	.92	
700	2427	.48	2532	.52	2633	.56	2731	.60	2825	.65	3006	.73	3177	.83	3342	.92			
750	2570	.58	2670	.62	2766	.66	2859	.71	2949	.75	3122	.85	3287	.94	3445	1.04			
800	2715	.69	2809	.73	2901	.78	2990	.83	3076	.87	3242	.97	3400	1.07					
850	2861	.81	2951	.86	3038	.91	3123	.96	3206	1.01	3365	1.11							
900	3009	.95	3094	1.00	3177	1.05	3259	1.11	3338	1.16	3491	1.27							
950	3157	1.11	3238	1.16	3318	1.21	3396	1.27	3472	1.32									
1000	3306	1.28	3384	1.33	3460	1.39													
1050	3456	1.47																	
Max. speed for aluminum wheel is 1800 RPM																			

8C		Wheel Size: 8.3 x 4.1		Outlet Area: .317 Sq. Ft.										Steel Wheel Max. Speed: 1800 RPM					
CFM	1/4" SP		1/2" SP		3/4" SP		1" SP		1 1/4" SP		1 1/2" SP		1 3/4" SP		2" SP				
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
400	665	.03	881	.06	1067	.09													
500	722	.05	912	.08	1081	.11	1235	.14	1376	.18									
600	790	.08	959	.10	1112	.14	1254	.17	1387	.22	1512	.26	1629	.31					
700	865	.12	1017	.14	1156	.17	1287	.21	1410	.26	1528	.30	1640	.35	1746	.40			
800	944	.17	1083	.19	1211	.22	1331	.26	1445	.31	1555	.35	1661	.41	1762	.46			
900	1027	.23	1155	.26	1273	.29	1384	.33	1491	.37	1593	.42	1692	.47	1788	.53			
1000	1112	.31	1231	.34	1340	.37	1444	.41	1544	.45	1640	.50	1733	.55					
1100	1119	.40	1310	.43	1413	.47	1510	.51	1604	.55	1694	.60	1781	.65					
1200	1288	.52	1391	.55	1488	.59	1580	.63	1668	.67	1753	.72							
1300	1378	.66	1475	.69	1566	.73	1653	.77	1737	.81									
1400	1469	.81	1560	.85	1647	.89	1729	.93											
1500	1560	.99	1647	1.03	1729	1.07													
1600	1653	1.20	1735	1.24															
1700	1746	1.43																	
For ratings in bold italics, a direct drive fan is recommended.																			

NOTE : Drive losses are not included in BHP. For RPMs in italics, Direct Drive Blowers should be considered.