



# FC Series Fans

Performance Charts | FCPC-1

## How to Use Tables

For a given fan size, wheel design, CFM, and static pressure; capacity tables can be used to obtain outlet velocity, wheel RPM and GHP. If capabilities are at conditions other than 70°F., sea level or standard density, correction factors must be applied to static pressure and BHP.

1. Select size, RPM and BHP of fan from capacity table.
2. If temperature or altitude is involved, correct for air density (see charts III and IV).
3. Check the maximum safe speed of the fan at the operating temperature as shown in chart I and II.
4. All ratings shown between the gray lines on capacity tables are within five percent of maximum mechanical efficiency.
5. BHP shown includes bearing drag on smaller sizes where such drag is significant.

**Example:** Size FC-13 Fan, to furnish 1840 CFM at 5"SP at 600°F. at .075 lbs./cu. ft. density.

1. Chart I gives a 2.00 factor for 600°F.
2. 5"SPx2.00=10"SP at 70°F.
3. Capacity tables show 1915 RPM, 5.37 BHP for FC-13 at 1840 CFM at 10"SP at 70°F.
4. Divide BHP and SP by the temperature factor.  
 $10 \div 2.00 = 5"SP$   
 $5.37 \div 2.00 = 2.68 BHP$
5. Actual performance: 1840 CFM at 5"SP at 1915 RPM at 2.63 BHP at 600°F.

**Note:** Unless otherwise specified static pressure is given in inches of water column.

**CHART I**  
 MAXIMUM SAFE RPM OF MILD STEEL  
 WHEELS AT VARIOUS TEMPERATURES

SIZE	70°-400°	500°	600°	700°
FC5	4815	4650	4525	4390
FC7	4690	4530	4410	4275
FC9	3650	3525	3430	3330
FC11	3460	3340	3250	3155
FC13	2930	2830	2755	2670
FC15	2530	2440	2380	2305
FC17	2230	2155	2095	2035
FC19	2000	1930	1880	1824
FC21	1810	1750	1700	1650
FC23	1650	1595	1550	1505
FC26	1460	1410	1370	1330
FC29	1310	1265	1230	1195
FC33	1150	1110	1080	1050
FC37	1020	985	960	930
FC41	930	900	875	845
FC45	840	810	790	765
FC49	770	745	725	700

**CHART II**  
 MAXIMUM SAFE SPEED FACTORS  
 FOR ALLOY WHEEL CONSTRUCTION

TEMP	ALUM.	304 STAIN-LESS	316 STAIN-LESS	347 STAIN-LESS
70	1	1	.25	1
200	.97	.89	.32	1
300	—	.82	.88	.99
400	—	.78	.86	.97
500	—	.75	.83	.97
600	—	.73	.8	.97
700	—	.71	.78	.96
800	—	.7	.77	.96
900	—	.68	.76	.95
1000	—	—	.75	.94



**CHART III**  
CORRECTION  
FACTORS FOR  
TEMPERATURE (F°)

TEMP	FACTOR
-50	.77
-25	.82
0	.87
20	.91
40	.94
60	.98
70	1
80	1.02
100	1.06
120	1.09
140	1.13
160	1.17
180	1.21
200	1.25
225	1.29
250	1.34
275	1.39
300	1.43
325	1.48
350	1.53
375	1.58
400	1.62
450	1.72
500	1.81
550	1.91
600	2
650	2.1
700	2.19
750	2.28
800	2.38

**CHART IV**  
CORRECTION FACTORS  
FOR ALTITUDE  
(FEET ABOVE SEA LEVEL)

ALT.	FACTOR
0	1
500	1.02
1000	1.04
1500	1.06
2000	1.08
2500	1.1
3000	1.12
3500	1.14
4000	1.16
4500	1.18
5000	1.2
5500	1.24
6000	1.26
6500	1.28
7000	1.3
7500	1.32
8000	1.35
8500	1.37
9000	1.4
10000	1.45

**Note:** If correction factor for both temperature and altitude is required, multiply factors from charts III and IV together: 3000° and 600° F.

1.12 x 2.00 – 2.34 (combined factor).



**FC-5** Inlet diameter: 5" O.D. Wheel diameter: 8 3/4" Wheel Circumference: 2.29' Fan Outlet Area: .1547 sq. ft. inside

CFM	OV	2" SP		3" SP		4" SP		5" SP		6" SP		7" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
123	800	2250	0.05										
185	1200	2349	0.08	2805	0.10	3205	0.15						
246	1600	2445	0.11	2900	0.16	3285	0.20	3635	0.24	3950	0.28	4245	0.33
308	2000	2580	0.15	3005	0.21	3385	0.26	3720	0.32	4030	0.38	4320	0.44
370	2400	2750	0.20	3145	0.27	3505	0.34	3830	0.41	4140	0.47	4415	0.54
431	2800	2940	0.27	3305	0.34	3645	0.42	3950	0.50	4245	0.59		
493	3200	3155	0.35	3490	0.43	3800	0.52	4100	0.60	4375	0.70		
554	3600	3385	0.45	3690	0.54	3980	0.62	4260	0.73				
616	4000	3625	0.59	3910	0.67	4175	0.77	4440	0.88				
678	4400	3885	0.72	4140	0.83	4390	0.93						
739	4800	4140	0.90	4380	1.02								
801	5200	4400	1.08										

**FC-7** Inlet diameter: 7" O.D. Wheel diameter: 12 1/4" Wheel Circumference: 3.21' Fan Outlet Area: .3325 sq. ft. inside

CFM	OV	3" SP		4" SP		5" SP		6" SP		7" SP		8" SP		10" SP		12" SP		14" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
455	1400	1935	0.43	2215	0.60	2470	0.79	2701	1.01	2916	1.22	3116	1.45								
520	1600	1955	0.48	2235	0.66	2480	0.83	2708	1.08	2922	1.31	3119	1.55	3485	2.04	3817	2.60				
585	1800	1985	0.54	2246	0.71	2495	0.92	2719	1.16	2928	1.38	3125	1.64	3487	2.15	3818	2.72	4123	3.32		
650	2000	2015	0.59	2280	0.80	2515	1.01	2735	1.24	2940	1.48	3135	1.74	3493	2.29	3821	2.86	4124	3.48	4408	4.12
715	2200	2055	0.65	2308	0.86	2545	1.10	2757	1.33	2959	1.58	3149	1.85	3502	2.40	3827	3.01	4128	3.63	4410	4.30
780	2400	2100	0.75	2350	0.96	2575	1.20	2784	1.44	2980	1.69	3167	1.96	3515	2.53	3836	3.15	4134	3.80	4414	4.48
845	2600	2145	0.80	2390	1.04	2610	1.30	2815	1.54	3008	1.81	3191	2.09	3533	2.68	3849	3.31	4144	3.97	4421	4.68
910	2800	2195	0.92	2430	1.15	2648	1.39	2849	1.68	3037	1.92	3218	2.22	3554	2.82	3866	3.48	4157	4.17	4431	4.88
975	3000	2240	0.98	2480	1.24	2690	1.52	2886	1.78	3072	2.08	3249	2.38	3580	3.00	3886	3.65	4173	4.37	4444	5.09
1040	3200	2290	1.09	2525	1.38	2732	1.64	2927	1.92	3110	2.22	3284	2.52	3608	3.18	3910	3.85	4193	4.57	4461	5.32
1105	3400	2345	1.20	2575	1.49	2778	1.76	2970	2.08	3149	2.38	3320	2.69	3641	3.37	3937	4.06	4216	4.78	4480	5.56
1170	3600	2395	1.31	2625	1.62	2826	1.92	3015	2.21	3191	2.55	3360	2.87	3675	3.55	3967	4.27	4242	5.03		
1235	3800	2450	1.42	2675	1.75	2876	2.08	3062	2.40	3235	2.72	3401	3.06	3711	3.76	4000	4.50	4271	5.26		
1300	4000	2510	1.56	2730	1.90	2925	2.22	3110	2.57	3282	2.91	3446	3.26	3752	3.99	4035	4.74	4303	5.52		
1365	4200	2565	1.69	2785	2.08	2978	2.40	3158	2.76	3329	3.11	3490	3.47	3792	4.22	4073	4.99	4337	5.80		
1430	4400	2625	1.85	2835	2.20	3030	2.60	3210	2.95	3378	3.32	3538	3.69	3835	4.46	4112	5.26	4373	6.09		
1495	4600	2685	2.03	2890	2.36	3085	2.78	3262	3.16	3429	3.55	3587	3.95	3881	4.73	4155	5.55	4412	6.40		
1560	4800	2750	2.20	2950	2.58	3136	2.96	3315	3.38	3478	3.78	3635	4.18	3927	5.00	4199	5.85	4453	6.72		
1625	5000	2810	2.39	3010	2.80	3195	3.20	3367	3.60	3531	4.03	3685	4.44	3974	5.28	4243	6.15	4494	7.05		
1690	5200	2875	2.60	3070	3.00	3251	3.42	3420	3.84	3583	4.27	3736	4.70	4024	5.59	4289	6.48				
1755	5400	2940	2.80	3130	3.22	3308	3.64	3477	4.10	3637	4.55	3788	4.98	4072	5.89	4336	6.82				
1820	5600	3010	3.02	3190	3.45	3365	3.90	3534	4.36	3691	4.82	3842	5.29	4123	6.21	4384	7.16				
1885	5800	3075	3.25	3250	3.70	3425	4.12	3590	4.64	3745	5.11	3895	5.59	4175	6.56	4433	7.53				



**FC-9**

Inlet diameter: 9" O.D. Wheel diameter: 15 5/8" Wheel Circumference: 4.09' Fan Outlet Area: .5206 sq. ft. inside

CFM OV		3" SP		4" SP		5" SP		6" SP		7" SP		8" SP		10" SP		12" SP		14" SP		16" SP		18" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
602	1156	1478	0.47																				
683	1312	1494	0.53	1706	0.72																		
774	1487	1516	0.60	1722	0.79																		
860	1652	1539	0.67	1743	0.88	1924	1.10																
946	1817	1564	0.75	1764	0.97	1944	1.21	2108	1.45														
1032	1982	1592	0.85	1783	1.08	1966	1.33	2128	1.58	2279	1.85	2422	2.12										
1118	2148	1625	0.95	1814	1.19	1988	1.45	2150	1.72	2300	2.00	2440	2.28										
1204	2313	1660	1.06	1842	1.32	2014	1.59	2173	1.87	2322	2.16	2461	2.46	2719	3.08								
1290	2478	1677	1.18	1876	1.46	2041	1.74	2197	2.03	2344	2.34	2483	2.65	2738	3.30	2972	3.94						
1376	2643	1737	1.31	1911	1.61	2072	1.91	2224	2.21	2368	2.52	2505	2.85	2759	3.52	2990	4.22	3206	4.95				
1462	2808	1778	1.45	1947	1.77	2105	2.08	2253	2.40	2394	2.73	2529	3.06	2780	3.75	3011	4.43	3225	5.23	3425	6.02		
1548	2973	1822	1.61	1987	1.91	2140	2.28	2285	2.61	2423	2.94	2555	3.28	2803	4.01	3013	4.76	3245	5.54	3444	6.33	3633	7.17
1634	3139	1867	1.77	2028	2.12	2177	2.47	2319	2.83	2454	3.13	2583	3.53	2827	4.27	3054	5.05	3266	5.86	3464	6.68	3652	7.52
1720	3304	1913	1.81	2069	2.31	2216	2.69	2354	3.05	2487	3.41	2613	3.80	2853	4.55	3077	5.36	3238	6.18	3485	7.04		
1806	3469	1960	2.13	2113	2.52	2257	2.91	2392	3.29	2522	3.69	2646	4.07	2881	4.86	3102	5.68	3310	6.53	3507	7.47		
1872	3596	2009	2.33	2153	2.74	2298	3.14	2432	3.56	2558	3.96	2680	4.37	2910	5.18	3128	6.02	3333	6.88	3528	7.80		
1978	3799	2058	2.55	2205	2.97	2342	3.40	2472	3.82	2596	4.25	2715	4.67	2942	5.52	3155	6.38	3358	7.27	3551	8.21		
2064	3965	2110	2.77	2251	3.21	2386	3.66	2513	4.09	2636	4.55	2752	4.93	2976	5.88	3185	6.78	3384	7.68	3575	8.63		
2150	4130	2162	3.04	2300	3.48	2432	3.94	2557	4.40	2677	4.86	2792	5.33	3011	6.26	3217	7.18	3413	8.11	3601	9.07		
2236	4295	2215	3.30	2349	3.77	2478	4.24	2601	4.71	2718	5.18	2832	5.68	3046	6.64	3250	7.60	3442	8.57	3528	9.05		
2322	4460					2525	4.55	2646	5.04	2761	5.55	2873	6.04	3084	7.04	3285	8.05	3475	9.04	3656	10.06		
2408	4625					2574	4.88	2692	5.39	2806	5.91	2914	6.41	3123	7.48	3320	8.51	3508	9.54				
2494	4791					2623	5.24	2739	5.76	2850	6.29	2958	6.83	3163	7.91	3356	8.97	3542	10.06				



**FC-11**

Inlet diameter: 11" O.D. Wheel diameter: 19 1/8" Wheel Circumference: 5.01' Fan Outlet Area: .66 sq. ft. inside

CFM OV	4" SP		5" SP		6" SP		7" SP		8" SP		9" SP		10" SP		12" SP		14" SP		16" SP		18" SP		20" SP		
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
660	1000	1431	0.84	1601	1.11	1755	1.39	1897	1.69	2031	2.01	2158	2.34	2275	2.69	2496	3.43	2698	4.21	2888	5.05	3068	5.94	3234	6.85
792	1200	1431	0.93	1600	1.22	1752	1.52	1894	1.84	2025	2.18	2149	2.53	2268	2.89	2488	3.66	2690	4.47	2881	5.35	3058	6.25	3229	7.21
924	1400	1436	1.04	1600	1.34	1752	1.67	1893	2.01	2023	2.36	2146	2.73	2264	3.11	2483	3.91	2686	4.77	2874	5.67	3051	6.61	3218	7.59
1056	1600	1443	1.15	1605	1.47	1756	1.82	1893	2.18	2025	2.56	2148	2.95	2264	3.35	2481	4.19	2681	5.08	2870	6.02	3042	6.96	3210	7.98
1188	1800	1454	1.26	1613	1.61	1760	1.98	1898	2.36	2027	2.76	2146	3.16	2262	3.58	2480	4.47	2677	5.39	2863	6.35	3041	7.38	3204	8.41
1320	2000	1467	1.39	1624	1.76	1768	2.14	1904	2.55	2030	2.96	2151	3.39	2265	3.84	2478	4.76	2676	5.72	2863	6.74	3039	7.79	3202	8.86
1452	2200	1481	1.52	1636	1.91	1779	2.32	1912	2.74	2036	3.18	2157	3.64	2272	4.11	2482	5.06	2677	6.06	2862	7.12	3035	8.21	3203	9.34
1584	2400	1499	1.66	1652	2.08	1791	2.51	1923	2.95	2047	3.41	2164	3.88	2276	4.37	2484	5.36	2681	6.42	2864	7.51	3038	8.65	3201	9.81
1716	2600	1518	1.82	1668	2.25	1806	2.71	1935	3.16	2058	3.64	2173	4.13	2286	4.65	2494	5.71	2685	6.78	2867	7.92	3038	9.09	3202	10.3
1848	2800	1539	1.99	1687	2.44	1824	2.91	1950	3.39	2072	3.91	2185	4.41	2296	4.94	2499	6.02	2694	7.17	2871	8.33	3042	9.55	3204	10.8
1980	3000	1563	2.18	1708	2.64	1842	3.13	1967	3.64	2086	4.16	2200	4.71	2307	5.24	2510	6.37	2699	7.54	2877	8.76	3046	10.1	3206	11.3
2112	3200	1587	2.37	1728	2.86	1862	3.37	1986	3.91	2103	4.44	2215	4.99	2322	5.56	2522	6.73	2709	7.95	2884	9.19	3051	10.5	3210	11.8
2244	3400	1612	2.59	1753	3.11	1884	3.63	2005	4.17	2120	4.72	2231	5.31	2336	5.89	2533	7.09	2720	8.36	2896	9.67	3062	11.1	3221	12.4
2376	3600	1637	2.81	1778	3.35	1906	3.91	2026	4.46	2141	5.04	2248	5.63	2354	6.24	2549	7.49	2735	8.81	2904	10.1	3069	11.5	3227	12.9
2508	3800	1665	3.06	1801	3.61	1928	4.18	2050	4.77	2162	5.37	2268	5.98	2371	6.61	2564	7.89	2746	9.23	2917	10.6	3080	12.1	3239	13.5
2640	4000	1693	3.33	1827	3.91	1952	4.48	2073	5.11	2184	5.72	2286	6.33	2390	6.99	2582	8.32	2761	9.69	2934	11.1	3092	12.6	3246	14.1
2772	4200	1722	3.61	1855	4.21	1979	4.81	2095	5.44	2206	6.08	2312	6.74	2410	7.39	2600	8.76	2779	10.2	2946	11.6	3108	13.2	3258	14.7
2904	4400	1750	3.91	1882	4.53	2005	5.16	2120	5.81	2227	6.45	2333	7.14	2431	7.82	2619	9.22	2797	10.7	2963	12.2	3123	13.8	3274	15.3
3036	4600	1782	4.23	1911	4.87	2033	5.53	2145	6.19	2251	6.86	2357	7.57	2456	8.28	2641	9.72	2815	11.2	2982	12.8	3139	14.4	3290	16.1
3168	4800	1811	4.56	1939	5.23	2060	5.92	2172	6.61	2279	7.31	2381	8.02	2476	8.73	2663	10.2	2836	11.8	2998	13.3	3154	15.1	3305	16.6
3300	5000	1844	4.93	1969	5.62	2087	6.32	2199	7.03	2305	7.76	2404	8.49	2500	9.23	2684	10.8	2856	12.3	3015	13.9	3172	15.6	3320	17.3
3564	5400	1909	5.71	2032	6.46	2147	7.22	2256	7.98	2357	8.73	2457	9.51	2550	10.3	2731	11.9	2899	13.6	3057	15.2	3209	17.1	3358	18.8
3828	5800	1976	6.58	2095	7.38	2208	8.21	2314	9.01	2416	9.82	2511	10.6	2606	11.5	2779	13.1	2945	14.9	3102	16.7	3254	18.5	3392	20.3
4092	6200	2048	7.56	2162	8.41	2271	9.27	2375	10.1	2473	11.1	2569	11.9	2659	12.7	2834	14.5	2994	16.3	3150	18.2	3297	20.1	3436	22.1
4356	6600	2116	8.61	2230	9.54	2337	10.5	2437	11.4	2533	12.3	2628	13.2	2717	14.1	2886	16.1	3045	17.9	3200	19.9	3343	21.8	3483	23.9



**FC-13**

Inlet diameter: 13" O.D. Wheel diameter: 22 5/8" Wheel Circumference: 5.92' Fan Outlet Area: .92 sq. ft. inside

CFM OV	4" SP		5" SP		6" SP		7" SP		8" SP		9" SP		10" SP		12" SP		14" SP		16" SP		18" SP		20" SP	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
920 1000	1210	1.17	1353	1.55	1483	1.94	1603	2.36	1717	2.81	1824	3.28	1923	3.76	2110	4.81	2281	5.89	2441	7.06	2593	8.31	2733	9.59
1104 1200	1210	1.31	1352	1.71	1481	2.13	1601	2.58	1712	3.05	1817	3.54	1917	4.05	2103	5.12	2274	6.26	2435	7.49	2585	8.75	2728	10.1
1288 1400	1214	1.45	1353	1.88	1481	2.33	1600	2.81	1710	3.31	1814	3.82	1913	4.36	2099	5.48	2271	6.68	2429	7.93	2579	9.25	2720	10.6
1472 1600	1219	1.61	1356	2.06	1484	2.55	1600	3.05	1711	3.58	1815	4.13	1914	4.69	2097	5.87	2267	7.11	2426	8.42	2571	9.75	2713	11.2
1656 1800	1229	1.77	1363	2.26	1488	2.77	1604	3.31	1713	3.86	1814	4.43	1912	5.02	2096	6.26	2263	7.54	2420	8.89	2571	10.3	2708	11.8
1840 2000	1240	1.94	1373	2.46	1494	3.01	1609	3.57	1716	4.15	1818	4.75	1915	5.37	2095	6.66	2262	8.01	2420	9.43	2569	10.9	2707	12.4
2024 2200	1252	2.13	1383	2.68	1504	3.25	1616	3.84	1721	4.45	1824	5.09	1920	5.75	2098	7.09	2263	8.49	2420	9.96	2565	11.5	2707	13.1
2208 2400	1267	2.33	1397	2.91	1514	3.51	1626	4.13	1730	4.77	1830	5.43	1924	6.11	2100	7.51	2266	8.99	2421	10.5	2568	12.1	2706	13.7
2392 2600	1283	2.55	1410	3.15	1526	3.78	1636	4.43	1739	5.11	1836	5.79	1932	6.51	2108	7.98	2269	9.49	2424	11.1	2568	12.7	2706	14.4
2576 2800	1301	2.78	1426	3.42	1542	4.08	1648	4.75	1751	5.46	1847	6.17	1941	6.92	2113	8.43	2277	10.1	2427	11.7	2572	13.4	2708	15.1
2760 3000	1321	3.05	1443	3.71	1557	4.39	1663	5.09	1764	5.82	1860	6.57	1950	7.34	2122	8.92	2281	10.6	2432	12.3	2575	14.1	2710	15.8
2944 3200	1341	3.32	1461	4.01	1574	4.72	1679	5.46	1778	6.21	1873	6.99	1963	7.79	2132	9.42	2290	11.1	2438	12.9	2579	14.7	2714	16.5
3128 3400	1363	3.62	1482	4.34	1592	5.08	1695	5.83	1792	6.61	1885	7.42	1975	8.24	2141	9.93	2299	11.7	2448	13.5	2588	15.4	2723	17.3
3312 3600	1383	3.94	1503	4.69	1611	5.46	1713	6.24	1810	7.05	1900	7.88	1989	8.74	2154	10.5	2312	12.3	2455	14.2	2594	16.1	2728	18.1
3496 3800	1408	4.29	1523	5.06	1629	5.85	1732	6.68	1828	7.52	1917	8.37	2004	9.24	2167	11.1	2321	12.9	2466	14.8	2604	16.8	2738	13.9
3680 4000	1431	4.66	1545	5.46	1650	6.27	1752	7.14	1846	8.01	1933	8.86	2020	9.78	2182	11.6	2334	13.6	2480	15.6	2614	17.6	2744	19.7
3864 4200	1456	5.05	1568	5.89	1672	6.74	1771	7.61	1865	8.51	1954	9.44	2037	10.3	2198	12.3	2349	14.3	2491	16.3	2627	18.4	2754	20.5
4048 4400	1479	5.47	1591	6.34	1694	7.22	1792	8.13	1882	9.03	1972	9.99	2055	10.9	2214	12.9	2364	15.1	2504	17.1	2640	19.2	2767	21.4
4232 4600	1507	5.93	1615	6.82	1718	7.75	1813	8.66	1903	9.61	1992	10.6	2076	11.6	2232	13.6	2379	15.7	2521	17.9	2653	20.1	2781	22.4
4416 4800	1531	6.39	1639	7.32	1742	8.29	1836	9.24	1926	10.2	2013	11.2	2093	12.2	2251	14.3	2397	16.5	2534	18.7	2666	20.9	2794	23.3
4600 5000	1559	6.91	1665	7.87	1764	8.85	1858	9.85	1949	10.9	2032	11.9	2113	12.9	2269	15.1	2414	17.3	2549	19.5	2681	21.9	2806	24.2
4968 5400	1614	8.01	1718	9.05	1815	10.1	1907	11.2	1992	12.2	2077	13.3	2156	14.4	2308	16.7	2450	19.1	2584	21.3	2713	23.8	2838	26.3
5336 5800	1671	9.21	1771	10.3	1866	11.5	1956	12.6	2042	13.7	2122	14.9	2203	16.1	2349	18.4	2490	20.8	2622	23.3	2751	25.9	2867	28.4
5704 6200	1731	10.6	1827	11.8	1920	13.1	2008	14.2	2090	15.4	2171	16.6	2248	17.8	2395	20.3	2531	22.9	2663	25.5	2787	28.1	2905	30.8
6072 6600	1789	12.1	1885	13.3	1975	14.6	2060	15.9	2141	17.2	2221	18.5	2297	19.8	2439	22.4	2574	25.1	2705	27.8	2826	30.5	2944	33.4



**FC-15**

Inlet diameter: 15" O.D. Wheel diameter: 26 1/8" Wheel Circumference: 6.84' Fan Outlet Area: 1.23 sq. ft. inside

CFM OV	4" SP		5" SP		6" SP		7" SP		8" SP		9" SP		10" SP		12" SP		14" SP		16" SP		18" SP		20" SP		
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
1230	1000	1040	1.58	1167	2.12	1279	2.68	1382	3.28	1479	3.91	1571	4.57	1657	5.27	1818	6.74	1966	8.32	2103	9.98	2234	11.7	2357	13.6
1476	1200	1040	1.74	1163	2.31	1276	2.91	1379	3.52	1475	4.18	1566	4.88	1652	5.61	1812	7.13	1960	8.77	2098	10.5	2229	12.3	2349	14.2
1722	1400	1041	1.91	1163	2.51	1274	3.13	1376	3.78	1472	4.47	1564	5.21	1648	5.95	1808	7.55	1956	9.25	2095	11.1	2222	12.9	2346	14.9
1968	1600	1044	2.11	1164	2.71	1274	3.37	1376	4.06	1470	4.78	1560	5.53	1647	6.33	1804	7.96	1951	9.72	2089	11.6	2219	13.5	2339	15.5
2214	1800	1051	2.31	1167	2.95	1277	3.64	1377	4.36	1471	5.11	1561	5.91	1645	6.72	1802	8.42	1948	10.2	2085	12.1	2215	14.2	2335	16.2
2460	2000	1059	2.53	1174	3.21	1281	3.93	1380	4.67	1473	5.46	1560	6.27	1644	7.11	1803	8.91	1948	10.8	2084	12.8	2212	14.8	2333	17.1
2706	2200	1069	2.78	1183	3.49	1286	4.23	1384	5.02	1476	5.83	1563	6.67	1647	7.55	1803	9.39	1947	11.3	2082	13.4	2208	15.5	2330	17.7
2952	2400	1081	3.04	1192	3.78	1294	4.56	1390	5.37	1481	6.22	1567	7.11	1648	7.99	1804	9.91	1947	11.9	2081	14.1	2206	16.1	2325	18.4
3198	2600	1094	3.32	1204	4.11	1303	4.92	1398	5.77	1489	6.65	1573	7.56	1653	8.48	1808	10.5	1949	12.5	2082	14.7	2206	16.9	2325	19.2
3444	2800	1109	3.64	1215	4.45	1315	5.31	1408	6.19	1497	7.11	1579	8.03	1661	9.02	1810	11.1	1950	13.1	2082	15.3	2207	17.6	2326	20.1
3690	3000	1125	3.97	1229	4.82	1327	5.71	1419	6.63	1505	7.56	1588	8.55	1667	9.54	1816	11.6	1956	13.8	2084	16.1	2207	18.4	2328	20.9
3936	3200	1142	4.33	1246	5.23	1341	6.15	1431	7.09	1517	8.09	1597	9.08	1675	10.1	1822	12.3	1962	14.5	2091	16.9	2214	19.3	2330	21.8
4182	3400	1160	4.71	1262	5.65	1356	6.61	1445	7.61	1529	8.62	1609	9.66	1686	10.7	1832	12.9	1968	15.3	2095	17.6	2217	20.1	2333	22.7
4428	3600	1179	5.12	1279	6.11	1373	7.11	1460	8.14	1543	9.19	1622	10.3	1697	11.4	1841	13.7	1974	16.1	2103	18.5	2221	21.1	2336	23.6
4674	3800	1199	5.56	1298	6.59	1388	7.62	1476	8.71	1556	9.78	1635	10.9	1710	12.1	1850	14.4	1984	16.8	2108	19.3	2228	21.9	2344	24.7
4920	4000	1221	6.04	1316	7.09	1408	8.21	1493	9.31	1573	10.4	1649	11.6	1722	12.7	1862	15.2	1993	17.7	2119	20.3	2235	22.9	2348	25.7
5166	4200	1242	6.53	1336	7.64	1424	8.76	1509	9.92	1588	11.1	1664	12.3	1736	13.5	1876	16.1	2005	18.6	2127	21.2	2246	24.1	2356	26.8
5412	4400	1263	7.06	1357	8.22	1445	9.41	1527	10.6	1606	11.8	1679	13.1	1751	14.3	1889	16.9	2017	19.5	2137	22.2	2253	25.1	2363	27.9
5658	4600	1286	7.63	1378	8.83	1463	10.1	1544	11.3	1624	12.6	1697	13.8	1766	15.1	1902	17.7	2030	20.5	2150	23.3	2263	26.1	2374	29.1
5904	4800	1309	8.22	1400	9.48	1485	10.7	1564	12.1	1641	13.3	1714	14.6	1784	16.1	1917	18.7	2044	21.5	2163	24.4	2276	27.3	2384	30.3
6150	5000	1332	8.85	1422	10.1	1507	11.5	1586	12.8	1660	14.1	1731	15.5	1802	16.9	1933	19.7	2057	22.5	2175	25.5	2288	28.5	2394	31.5
6642	5400	1380	10.2	1468	11.6	1550	13.1	1627	14.4	1700	15.9	1769	17.3	1838	18.8	1967	21.7	2090	24.8	2204	27.9	2312	31.1	2420	34.3
7134	5800	1431	11.8	1515	13.2	1595	14.8	1670	16.3	1742	17.8	1810	19.3	1876	20.8	2003	24.1	2121	27.2	2234	30.4	2342	33.7	2448	37.2
7626	6200	1482	13.5	1564	15.1	1641	16.7	1714	18.2	1785	19.9	1852	21.5	1916	23.1	2039	26.4	2156	29.8	2269	33.2	2375	36.7	2477	40.3
8118	6600	1532	15.3	1613	17.1	1690	18.7	1762	20.4	1830	22.1	1896	23.9	1960	25.6	2080	29.1	2196	32.6	2302	36.1	2408	39.8	2508	43.5





**FC-17**

Inlet diameter: 17" O.D. Wheel diameter: 29 5/8" Wheel Circumference: 7.76' Fan Outlet Area: 1.58 sq. ft. inside

CFM OV	4" SP		5" SP		6" SP		7" SP		8" SP		9" SP		10" SP		12" SP		14" SP		16" SP		18" SP		20" SP	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1580 1000	917	2.04	1029	2.72	1128	3.45	1219	4.21	1305	5.03	1385	5.88	1461	6.77	1603	8.67	1734	10.7	1855	12.8	1970	15.1	2079	17.5
1896 1200	917	2.24	1026	2.96	1125	3.72	1216	4.53	1300	5.38	1381	6.28	1457	7.21	1598	9.18	1729	11.3	1850	13.5	1966	15.9	2072	18.3
2212 1400	918	2.46	1026	3.22	1124	4.02	1213	4.86	1298	5.75	1379	6.71	1453	7.66	1595	9.71	1725	11.9	1847	14.2	1959	16.60	2068	19.1
2528 1600	921	2.71	1027	3.49	1123	4.33	1213	5.23	1296	6.14	1376	7.12	1452	8.14	1591	10.2	1721	12.5	1842	14.9	1956	17.40	2063	20.1
2844 1800	927	2.97	1029	3.79	1126	4.68	1214	5.61	1297	6.57	1376	7.59	1451	8.64	1589	10.8	1718	13.2	1839	15.6	1953	18.20	2059	20.9
3160 2000	934	3.26	1035	4.12	1130	5.05	1217	6.01	1299	7.03	1376	8.06	1450	9.15	1590	11.4	1718	13.9	1838	16.4	1951	19.10	2058	21.8
3476 2200	943	3.57	1043	4.49	1134	5.44	1221	6.45	1302	7.51	1378	8.58	1452	9.72	1590	12.1	1716	14.6	1836	17.2	1947	19.90	2055	22.7
3792 2400	953	3.91	1051	4.87	1141	5.87	1226	6.91	1306	8.01	1382	9.13	1453	10.3	1591	12.7	1717	15.3	1835	18.1	1946	20.80	2051	23.6
4108 2600	964	4.27	1061	5.29	1149	6.33	1233	7.41	1313	8.56	1387	9.72	1457	10.9	1594	13.5	1718	16.1	1836	18.9	1945	21.70	2051	24.7
4424 2800	978	4.68	1072	5.72	1159	6.82	1242	7.96	1320	9.13	1393	10.3	1465	11.6	1596	14.2	1720	16.9	1836	19.7	1946	22.70	2052	25.8
4740 3000	992	5.11	1084	6.21	1171	7.35	1251	8.52	1327	9.73	1401	11.1	1470	12.3	1601	14.9	1725	17.8	1837	20.6	1947	23.60	2053	26.9
5056 3200	1007	5.57	1098	6.72	1183	7.91	1261	9.12	1336	10.4	1409	11.7	1477	13.1	1607	15.8	1730	18.7	1844	21.7	1952	24.80	2054	28.1
5372 3400	1023	6.06	1113	7.26	1196	8.51	1275	9.79	1348	11.1	1419	12.4	1487	13.8	1615	16.6	1735	19.6	1848	22.7	1955	25.90	2057	29.2
5688 3600	1040	6.58	1128	7.85	1210	9.15	1287	10.5	1360	11.8	1430	13.2	1496	14.6	1623	17.6	1741	20.6	1854	23.8	1958	27.10	2060	30.4
6004 3800	1058	7.15	1145	8.48	1224	9.81	1302	11.2	1372	12.6	1441	14.1	1508	15.5	1632	18.5	1749	21.6	1859	24.8	1965	28.20	2067	31.7
6320 4000	1077	7.77	1161	9.12	1241	10.5	1316	12.1	1387	13.4	1454	14.9	1519	16.4	1642	19.5	1758	22.7	1868	26.1	1971	29.50	2071	33.1
6636 4200	1095	8.41	1178	9.82	1256	11.3	1330	12.8	1401	14.3	1467	15.8	1531	17.3	1654	20.6	1768	23.9	1875	27.3	1980	30.90	2077	34.4
6952 4400	1114	9.08	1197	10.6	1274	12.1	1346	13.6	1416	15.2	1480	16.7	1544	18.3	1666	21.7	1778	25.1	1885	28.6	1987	32.20	2084	35.8
7268 4600	1134	9.81	1215	11.3	1290	12.9	1362	14.5	1432	16.1	1496	17.8	1557	19.4	1677	22.8	1790	26.3	1896	29.9	1996	33.60	2093	37.4
7584 4800	1154	10.6	1235	12.2	1310	13.8	1379	15.4	1447	17.1	1511	18.8	1573	20.5	1691	24.1	1802	27.6	1907	31.3	2007	35.10	2102	39.1
7900 5000	1175	11.4	1254	13.1	1329	14.8	1398	16.5	1464	18.2	1526	19.9	1589	21.7	1705	25.3	1814	29.1	1918	32.7	2017	36.60	2111	40.6
8532 5400	1217	13.1	1295	15.1	1366	16.8	1435	18.6	1499	20.4	1560	22.2	1621	24.1	1735	28.1	1843	31.9	1943	35.8	2039	39.80	2134	44.1
9164 5800	1262	15.1	1336	17.1	1406	19.1	1473	20.9	1536	22.9	1596	24.8	1654	26.8	1766	30.9	1870	34.9	1970	39.1	2066	43.40	2159	47.8
9796 6200	1306	17.3	1379	19.4	1447	21.4	1512	23.5	1574	25.5	1633	27.6	1690	29.7	1798	33.9	1901	38.3	2001	42.7	2094	47.20	2185	51.8
10428 6600	1351	19.7	1423	21.9	1490	24.1	1554	26.3	1614	28.5	1672	30.7	1728	32.9	1834	37.3	1936	42.1	2030	46.5	2124	51.20	2212	56.1



**FC-19**

Inlet diameter: 19" O.D. Wheel diameter: 33" Wheel Circumference: 8.64' Fan Outlet Area: 1.97 sq. ft. inside

CFM OV	4" SP		5" SP		6" SP		7" SP		8" SP		9" SP		10" SP		12" SP		14" SP		16" SP		18" SP		20" SP	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1970 1000	810	2.24	906	2.95	994	3.71	1074	4.49	1150	5.33	1219	6.19	1287	7.11	1413	9.03	1528	11.1	1636	13.2	1735	15.5	1831	17.9
2364 1200	813	2.53	906	3.28	993	4.08	1073	4.94	1147	5.81	1218	6.74	1284	7.69	1408	9.69	1523	11.8	1629	14.1	1730	16.5	1824	18.9
2758 1400	816	2.84	909	3.65	994	4.51	1072	5.39	1146	6.32	1216	7.31	1282	8.31	1407	10.4	1519	12.6	1625	15.1	1726	17.5	1820	20.1
3152 1600	823	3.18	914	4.05	998	4.96	1075	5.89	1149	6.89	1216	7.89	1282	8.96	1405	11.2	1517	13.5	1624	16.1	1722	18.5	1818	21.2
3546 1800	831	3.56	921	4.48	1002	5.44	1079	6.44	1151	7.48	1219	8.55	1283	9.66	1404	12.1	1516	14.4	1623	17.1	1721	19.6	1815	22.4
3940 2000	838	3.95	928	4.95	1009	5.97	1083	7.01	1155	8.12	1223	9.25	1286	10.4	1407	12.8	1517	15.3	1621	18.1	1720	20.8	1815	23.7
4334 2200	848	4.37	936	5.43	1016	6.51	1091	7.64	1162	8.81	1228	9.99	1291	11.2	1409	13.7	1520	16.4	1624	19.1	1720	22.1	1813	24.9
4728 2400	860	4.84	946	5.96	1026	7.12	1098	8.28	1169	9.53	1233	10.7	1295	12.1	1413	14.7	1522	17.4	1625	20.3	1721	23.2	1814	26.3
5122 2600	871	5.32	956	6.51	1036	7.75	1107	8.98	1176	10.3	1242	11.6	1303	12.9	1418	15.6	1528	18.6	1629	21.5	1725	24.6	1816	27.7
5516 2800	883	5.83	968	7.11	1045	8.39	1118	9.72	1185	11.1	1250	12.4	1311	13.8	1427	16.7	1533	19.7	1634	22.8	1728	25.9	1818	29.2
5910 3000	895	6.36	980	7.72	1057	9.11	1128	10.5	1195	11.9	1259	13.4	1320	14.8	1433	17.8	1539	20.9	1640	24.2	1735	27.4	1822	30.8
6304 3200	907	6.92	992	8.37	1068	9.82	1139	11.3	1206	12.8	1269	14.3	1329	15.8	1441	18.9	1547	22.2	1644	25.5	1738	28.9	1829	32.4
6698 3400	920	7.51	1004	9.05	1080	10.6	1151	12.1	1217	13.7	1280	15.3	1338	16.9	1451	20.2	1555	23.5	1654	27.1	1745	30.5	1833	34.1
7092 3600	934	8.15	1016	9.75	1092	11.4	1162	13.1	1228	14.7	1290	16.3	1349	18.1	1461	21.4	1563	24.9	1661	28.5	1754	32.2	1840	35.8
7486 3800	948	8.81	1029	10.5	1105	12.2	1175	13.9	1239	15.7	1302	17.4	1361	19.2	1470	22.7	1573	26.3	1669	30.1	1760	33.8	1849	37.7
7880 4000	962	9.52	1043	11.3	1117	13.1	1187	14.9	1251	16.7	1313	18.5	1372	20.4	1481	24.1	1582	27.8	1678	31.6	1768	35.5	1855	39.5
8274 4200	976	10.3	1057	12.1	1131	14.1	1200	15.9	1264	17.8	1324	19.7	1383	21.6	1491	25.4	1593	29.3	1688	33.3	1778	37.4	1866	41.6
8668 4400	990	11.1	1069	13.1	1144	14.9	1212	16.9	1276	18.9	1336	20.8	1394	22.8	1503	26.9	1603	30.9	1698	35.1	1788	39.2	1873	43.6
9062 4600	1006	11.9	1085	13.9	1157	15.9	1225	18.1	1290	20.1	1350	22.1	1406	24.1	1516	28.4	1615	32.6	1709	36.8	1799	41.2	1882	45.5
9456 4800	1022	12.7	1098	14.8	1171	16.9	1238	19.1	1301	21.2	1361	23.4	1420	25.6	1526	29.9	1626	34.3	1719	38.7	1809	43.2	1893	47.7
9850 5000	1037	13.6	1114	15.8	1185	18.1	1252	20.2	1314	22.4	1374	24.7	1433	27.1	1538	31.4	1639	36.1	1731	40.6	1819	45.2	1904	49.9
10638 5400	1072	15.7	1145	18.1	1215	20.3	1279	22.7	1342	25.1	1402	27.5	1458	30.1	1563	34.7	1662	39.7	1756	44.6	1842	49.5	1924	54.4
11426 5800	1109	18.1	1177	20.4	1245	22.8	1309	25.4	1369	27.9	1430	30.6	1485	33.1	1589	38.3	1687	43.5	1779	48.7	1865	54.1	1948	59.3
12214 6200	1145	20.5	1212	23.1	1277	25.6	1339	28.3	1399	31.1	1456	33.7	1511	36.5	1615	42.1	1714	47.7	1802	53.1	1891	58.9	1972	64.4
13002 6600	1187	23.4	1250	26.1	1312	28.7	1372	31.5	1430	34.3	1487	37.2	1541	40.1	1642	45.9	1739	51.9	1829	57.8	1914	63.7	1996	69.7



**FC-21**

Inlet diameter: 21" O.D. Wheel diameter: 36 1/2" Wheel Circumference: 9.56' Fan Outlet Area: 2.41 sq. ft. inside

CFM OV	4" SP		5" SP		6" SP		7" SP		8" SP		9" SP		10" SP		12" SP		14" SP		16" SP		18" SP		20" SP	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2410 1000	732	2.75	819	3.61	899	4.53	971	5.49	1039	6.52	1102	7.57	1163	8.69	1277	11.1	1382	13.6	1479	16.2	1569	18.9	1656	21.9
2892 1200	735	3.11	819	4.01	898	5.01	970	6.04	1037	7.11	1101	8.25	1161	9.41	1273	11.9	1377	14.5	1472	17.2	1565	20.1	1649	23.1
3374 1400	738	3.48	822	4.46	899	5.51	969	6.59	1036	7.73	1099	8.93	1159	10.1	1272	12.8	1374	15.5	1469	18.3	1561	21.4	1646	24.5
3856 1600	744	3.91	826	4.95	902	6.06	971	7.21	1038	8.43	1099	9.66	1159	11.1	1270	13.7	1372	16.5	1469	19.6	1557	22.6	1644	25.9
4338 1800	751	4.36	832	5.49	906	6.65	976	7.88	1040	9.15	1102	10.5	1160	11.8	1270	14.6	1371	17.6	1467	20.8	1556	24.1	1640	27.4
4820 2000	758	4.83	839	6.06	912	7.31	980	8.58	1044	9.93	1105	11.3	1163	12.7	1272	15.7	1371	18.8	1465	22.1	1555	25.4	1641	29.1
5302 2200	767	5.35	846	6.64	919	7.97	986	9.34	1050	10.8	1110	12.2	1167	13.7	1274	16.8	1374	20.1	1468	23.4	1555	26.9	1639	30.5
5784 2400	778	5.92	856	7.31	928	8.72	993	10.1	1057	11.6	1115	13.1	1171	14.7	1278	17.9	1376	21.3	1470	24.8	1556	28.4	1640	32.2
6266 2600	788	6.51	865	7.96	936	9.48	1001	11.1	1063	12.6	1122	14.2	1178	15.8	1282	19.1	1381	22.7	1473	26.3	1559	30.1	1642	33.9
6748 2800	798	7.13	875	8.71	945	10.3	1010	11.9	1071	13.5	1130	15.2	1185	16.9	1290	20.5	1386	24.1	1477	27.9	1563	31.7	1644	35.7
7230 3000	809	7.78	886	9.45	955	11.1	1019	12.8	1081	14.6	1138	16.3	1194	18.1	1295	21.8	1391	25.6	1483	29.5	1568	33.6	1648	37.6
7712 3200	820	8.46	896	10.2	965	12.1	1029	13.8	1090	15.6	1147	17.5	1202	19.4	1303	23.2	1399	27.2	1487	31.2	1571	35.3	1654	39.7
8194 3400	832	9.19	907	11.1	976	13.1	1040	14.9	1100	16.8	1157	18.7	1210	20.7	1312	24.7	1406	28.8	1495	33.1	1577	37.3	1657	41.7
8676 3600	844	9.97	918	11.9	988	13.9	1051	15.9	1110	17.9	1166	20.1	1219	22.1	1321	26.2	1413	30.4	1501	34.8	1586	39.4	1663	43.8
9158 3800	857	10.8	931	12.9	999	15.1	1062	17.1	1121	19.2	1177	21.3	1230	23.4	1329	27.8	1422	32.2	1509	36.7	1591	41.3	1672	46.1
9640 4000	870	11.6	943	13.8	1010	16.1	1073	18.2	1131	20.4	1187	22.6	1240	24.9	1339	29.4	1430	34.1	1517	38.7	1599	43.4	1677	48.3
10122 4200	883	12.5	956	14.8	1022	17.1	1085	19.5	1143	21.7	1197	24.1	1250	26.4	1348	31.1	1440	35.9	1526	40.8	1608	45.7	1687	50.8
10604 4400	895	13.5	967	15.8	1034	18.3	1096	20.7	1154	23.1	1208	25.5	1260	27.9	1359	32.9	1450	37.8	1535	42.9	1616	48.1	1693	53.2
11086 4600	910	14.5	981	17.1	1046	19.5	1107	22.1	1166	24.5	1221	27.1	1271	29.5	1370	34.7	1460	39.9	1545	45.1	1626	50.4	1702	55.7
11568 4800	924	15.6	993	18.1	1059	20.7	1120	23.3	1176	25.9	1231	28.6	1283	31.3	1379	36.5	1470	41.9	1555	47.3	1636	52.9	1712	58.4
12050 5000	938	16.7	1007	19.4	1071	22.1	1132	24.8	1188	27.5	1243	30.2	1295	33.1	1390	38.4	1482	44.1	1565	49.7	1645	55.3	1721	61.1
13014 5400	969	19.2	1035	22.1	1098	24.9	1157	27.8	1213	30.7	1267	33.7	1318	36.7	1413	42.5	1503	48.5	1587	54.6	1665	60.6	1740	66.6
13978 5800	1002	22.1	1064	24.9	1126	28.1	1184	31.1	1238	34.1	1292	37.4	1342	40.5	1436	46.8	1525	53.2	1608	59.6	1686	66.1	1761	72.6
14942 6200	1036	25.1	1096	28.2	1154	31.3	1211	34.6	1265	37.9	1316	41.2	1366	44.6	1460	51.4	1549	58.3	1629	64.9	1710	72.1	1783	78.8
15906 6600	1073	28.7	1130	31.8	1186	35.1	1241	38.6	1292	42.1	1344	45.5	1393	49.1	1485	56.2	1572	63.5	1654	70.7	1731	78.1	1804	85.2



**FC-23**

Inlet diameter: 23" O.D. Wheel diameter: 40" Wheel Circumference: 10.47' Fan Outlet Area: 2.89 sq. ft. inside

CFM OV	4" SP		5" SP		6" SP		7" SP		8" SP		9" SP		10" SP		12" SP		14" SP		16" SP		18" SP		20" SP	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2890 1000	665	3.21	744	4.24	816	5.34	882	6.52	944	7.76	1002	9.06	1058	10.4	1160	13.3	1256	16.4	1344	19.7	1427	23.1	1505	26.7
3468 1200	666	3.58	744	4.68	815	5.85	880	7.07	942	8.38	1000	9.75	1054	11.1	1157	14.2	1251	17.3	1338	20.7	1422	24.3	1500	28.1
4046 1400	668	3.99	744	5.15	815	6.38	880	7.67	941	9.05	998	10.5	1053	11.9	1155	15.1	1249	18.4	1336	21.9	1418	25.5	1495	29.3
4624 1600	672	4.44	747	5.67	817	6.98	881	8.34	941	9.76	998	11.2	1052	12.8	1154	16.1	1246	19.5	1333	23.1	1415	26.9	1493	30.8
5202 1800	677	4.94	752	6.25	820	7.62	883	9.05	943	10.6	999	12.1	1053	13.7	1152	17.1	1245	20.6	1331	24.3	1412	28.2	1491	32.4
5780 2000	683	5.47	756	6.85	824	8.31	886	9.82	945	11.4	1001	13.1	1054	14.7	1154	18.2	1246	21.9	1331	25.7	1413	29.8	1489	34.1
6358 2200	690	6.04	762	7.51	828	9.04	891	10.6	949	12.3	1004	14.1	1056	15.7	1154	19.3	1245	23.2	1331	27.2	1412	31.4	1489	35.7
6936 2400	698	6.65	769	8.21	834	9.83	895	11.5	953	13.2	1008	15.1	1060	16.8	1157	20.6	1247	24.6	1332	28.7	1412	33.1	1489	37.5
7514 2600	707	7.32	777	8.96	842	10.7	902	12.4	959	14.2	1013	16.1	1064	18.1	1161	21.9	1250	26.1	1334	30.3	1413	34.7	1489	39.3
8092 2800	717	8.03	785	9.76	850	11.6	909	13.4	965	15.3	1019	17.3	1069	19.2	1165	23.3	1253	27.6	1336	31.9	1416	36.5	1490	41.3
8670 3000	726	8.77	795	10.6	858	12.5	916	14.4	972	16.4	1025	18.5	1075	20.5	1169	24.7	1256	29.1	1339	33.7	1418	38.4	1494	43.4
9248 3200	738	9.59	805	11.5	866	13.5	925	15.5	979	17.6	1031	19.7	1081	21.8	1174	26.3	1262	30.8	1343	35.5	1421	40.4	1497	45.5
9826 3400	749	10.4	814	12.5	876	14.6	934	16.7	987	18.8	1039	21.1	1088	23.3	1180	27.8	1267	32.6	1349	37.5	1426	42.5	1499	47.7
10404 3600	759	11.3	825	13.5	885	15.7	943	17.9	996	20.2	1047	22.5	1096	24.8	1188	29.5	1273	34.4	1353	39.4	1429	44.6	1502	49.9
10982 3800	772	12.3	836	14.6	896	16.8	952	19.1	1005	21.5	1056	23.9	1104	26.4	1195	31.3	1280	36.4	1359	41.5	1435	46.8	1508	52.3
11560 4000	785	13.3	849	15.7	908	18.1	963	20.5	1015	23.1	1066	25.5	1112	28.1	1203	33.1	1287	38.3	1367	43.8	1442	49.3	1512	54.8
12138 4200	798	14.4	861	16.9	919	19.4	974	21.9	1026	24.5	1074	27.1	1122	29.7	1211	35.1	1295	40.4	1374	46.1	1448	51.7	1519	57.5
12716 4400	811	15.6	873	18.2	930	20.8	984	23.4	1036	26.1	1086	28.8	1132	31.5	1220	37.1	1303	42.6	1381	48.3	1455	54.2	1526	60.2
13294 4600	825	16.8	886	19.5	942	22.2	996	24.9	1047	27.7	1095	30.5	1141	33.3	1230	39.1	1310	44.8	1389	50.8	1461	56.7	1532	62.9
13872 4800	839	18.1	899	20.9	956	23.8	1007	26.5	1059	29.5	1106	32.3	1153	35.3	1238	41.1	1321	47.2	1397	53.3	1470	59.5	1539	65.8
14450 5000	854	19.5	913	22.4	968	25.4	1020	28.3	1070	31.2	1117	34.2	1162	37.2	1249	43.4	1329	49.6	1406	56.1	1477	62.2	1546	68.7
15606 5400	883	22.5	940	25.6	995	28.8	1046	31.9	1094	35.1	1140	38.2	1185	41.5	1270	48.1	1348	54.5	1423	61.3	1494	68.1	1563	75.1
16762 5800	914	25.9	970	29.2	1022	32.5	1072	35.9	1119	39.3	1164	42.6	1208	46.1	1291	53.1	1369	60.1	1443	67.2	1513	74.3	1580	81.5
17918 6200	946	29.6	1001	33.2	1051	36.7	1100	40.3	1145	43.8	1190	47.5	1233	51.1	1314	58.4	1391	65.8	1464	73.4	1534	81.1	1600	88.6
19074 6600	981	33.8	1032	37.5	1080	41.2	1128	45.1	1174	48.8	1217	52.6	1260	56.5	1339	64.3	1415	72.1	1485	79.9	1554	88.1	1620	96.1



**FC-26**

Inlet diameter: 26" O.D. Wheel diameter: 45 1/8" Wheel Circumference: 11.81' Fan Outlet Area: 3.69 sq. ft. inside

CFM OV	4" SP		5" SP		6" SP		7" SP		8" SP		9" SP		10" SP		12" SP		14" SP		16" SP		18" SP		20" SP	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3690 1000	589	4.09	659	5.39	723	6.81	782	8.31	837	9.87	888	11.5	938	13.3	1028	16.9	1113	20.9	1191	25.1	1265	29.4	1334	34.1
4428 1200	590	4.56	659	5.95	723	7.45	780	8.99	835	10.7	887	12.4	934	14.2	1026	18.1	1108	22.1	1186	26.3	1261	30.9	1330	35.6
5166 1400	592	5.08	660	6.55	722	8.12	780	9.77	834	11.5	884	13.3	933	15.2	1024	19.2	1107	23.4	1184	27.8	1257	32.5	1326	37.3
5904 1600	595	5.66	662	7.22	724	8.88	781	10.6	834	12.4	884	14.3	933	16.3	1023	20.4	1105	24.8	1181	29.4	1255	34.2	1323	39.2
6642 1800	600	6.28	666	7.95	727	9.71	783	11.5	836	13.4	885	15.4	933	17.5	1021	21.7	1104	26.3	1180	31.1	1252	35.9	1321	41.2
7380 2000	606	6.96	670	8.72	730	10.6	786	12.5	838	14.5	887	16.5	934	18.7	1022	23.2	1104	27.9	1179	32.7	1252	38.1	1320	43.3
8118 2200	612	7.69	675	9.55	734	11.5	790	13.5	841	15.6	890	17.8	936	20.1	1023	24.6	1104	29.5	1180	34.6	1252	39.9	1320	45.4
8856 2400	619	8.47	681	10.4	740	12.5	794	14.6	845	16.8	894	19.1	939	21.4	1026	26.2	1106	31.3	1181	36.5	1252	42.1	1320	47.7
9594 2600	627	9.32	688	11.4	746	13.6	799	15.8	850	18.1	897	20.5	943	22.9	1029	27.9	1108	33.1	1182	38.6	1252	44.2	1320	50.1
10332 2800	635	10.2	696	12.4	753	14.7	806	17.1	855	19.5	903	22.1	948	24.5	1032	29.7	1111	35.1	1184	40.6	1255	46.5	1321	52.5
11070 3000	644	11.2	705	13.5	760	15.9	812	18.4	862	20.9	909	23.5	953	26.1	1036	31.5	1114	37.1	1187	42.9	1257	48.9	1324	55.2
11808 3200	654	12.2	713	14.7	768	17.2	819	19.8	868	22.4	914	25.1	958	27.8	1041	33.4	1119	39.3	1191	45.2	1259	51.4	1327	57.9
12546 3400	664	13.3	722	15.9	777	18.6	828	21.3	875	24.1	921	26.8	964	29.6	1046	35.4	1123	41.5	1196	47.8	1264	54.1	1329	60.7
13284 3600	673	14.4	731	17.1	785	19.9	835	22.8	883	25.7	928	28.6	972	31.6	1053	37.6	1128	43.8	1200	50.2	1267	56.8	1332	63.5
14022 3800	684	15.7	741	18.5	794	21.4	844	24.4	891	27.4	936	30.4	979	33.6	1059	39.8	1134	46.3	1205	52.8	1272	59.6	1336	66.6
14760 4000	695	17.1	752	20.1	804	23.1	853	26.1	900	29.3	945	32.4	986	35.6	1067	42.2	1140	48.8	1211	55.7	1278	62.7	1341	69.8
15498 4200	707	18.4	763	21.5	815	24.7	863	27.9	909	31.2	952	34.4	995	37.8	1074	44.6	1148	51.5	1218	58.6	1284	65.8	1347	73.2
16236 4400	719	19.9	774	23.1	824	26.4	872	29.8	918	33.2	962	36.6	1003	40.1	1081	47.1	1155	54.2	1224	61.5	1289	69.1	1352	76.6
16974 4600	731	21.4	785	24.8	835	28.3	883	31.7	928	35.3	971	38.8	1012	42.4	1090	49.7	1161	57.1	1231	64.6	1295	72.2	1358	80.1
17712 4800	744	23.1	797	26.6	847	30.2	893	33.8	938	37.5	981	41.2	1022	44.9	1097	52.3	1171	60.1	1238	67.8	1303	75.7	1364	83.7
18450 5000	757	24.8	809	28.5	858	32.3	904	36.1	948	39.7	990	43.6	1030	47.3	1108	55.3	1178	63.1	1247	71.2	1309	79.2	1370	87.4
19926 5400	783	28.6	834	32.6	882	36.6	927	40.6	969	44.6	1010	48.7	1050	52.8	1125	61.2	1195	69.4	1261	78.1	1324	86.5	1385	95.4
21402 5800	810	32.9	860	37.2	906	41.4	950	45.6	992	50.1	1032	54.3	1071	58.6	1144	67.4	1213	76.4	1279	85.5	1342	94.6	1400	104
22878 6200	839	37.7	887	42.2	932	46.7	975	51.3	1015	55.7	1055	60.4	1093	65.1	1165	74.3	1233	83.8	1298	93.4	1359	103	1418	113
24354 6600	869	43.1	915	47.7	958	52.4	1000	57.3	1041	62.2	1078	66.9	1117	72.1	1187	81.8	1254	91.8	1316	102	1377	112	1436	122



**FC-29**

Inlet diameter: 29" O.D. Wheel diameter: 50 1/2" Wheel Circumference: 13.22' Fan Outlet Area: 4.59 sq. ft. inside

CFM OV	4" SP		5" SP		6" SP		7" SP		8" SP		9" SP		10" SP		12" SP		14" SP		16" SP		18" SP		20" SP	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4590 1000	527	5.12	589	6.75	646	8.51	699	10.4	748	12.4	794	14.4	838	16.6	918	21.2	995	26.1	1065	31.4	1130	36.9	1192	42.6
5508 1200	527	5.71	589	7.46	646	9.33	697	11.3	746	13.4	792	15.5	834	17.7	916	22.6	990	27.6	1060	33.1	1126	38.7	1188	44.6
6426 1400	529	6.36	590	8.21	645	10.2	697	12.2	745	14.4	790	16.7	834	19.1	915	24.1	989	29.3	1058	34.8	1123	40.7	1184	46.8
7344 1600	532	7.09	592	9.04	647	11.1	698	13.3	745	15.6	790	17.9	833	20.4	914	25.6	987	31.1	1055	36.8	1121	42.9	1182	49.1
8262 1800	536	7.87	595	9.96	649	12.1	699	14.4	747	16.8	791	19.3	834	21.9	912	27.2	986	32.9	1054	38.8	1119	45.1	1181	51.6
9180 2000	541	8.72	599	10.9	653	13.2	702	15.7	748	18.1	792	20.7	834	23.4	914	29.1	987	34.9	1054	41.1	1119	47.5	1180	54.2
10098 2200	547	9.63	603	12.1	656	14.4	705	17.1	752	19.6	795	22.3	837	25.1	914	30.8	986	36.9	1054	43.3	1118	50.1	1179	56.9
11016 2400	553	10.6	609	13.1	661	15.7	709	18.3	755	21.1	798	23.9	839	26.8	917	32.9	988	39.1	1055	45.8	1118	52.6	1179	59.7
11934 2600	560	11.7	615	14.3	667	17.1	714	19.8	759	22.7	802	25.6	842	28.6	920	35.1	990	41.5	1057	48.3	1119	55.3	1180	62.7
12852 2800	568	12.8	622	15.6	673	18.5	720	21.4	764	24.4	807	27.5	847	30.6	922	37.2	993	43.9	1058	50.9	1121	58.3	1180	65.8
13770 3000	575	14.1	630	16.9	679	20.1	726	23.1	770	26.2	812	29.4	851	32.7	925	39.4	995	46.4	1061	53.7	1123	61.2	1183	69.2
14688 3200	584	15.3	637	18.4	686	21.5	732	24.8	775	28.1	817	31.4	856	34.8	930	41.9	999	49.2	1064	56.6	1125	64.4	1185	72.6
15606 3400	593	16.6	645	19.9	694	23.2	739	26.6	782	30.1	823	33.5	862	37.1	935	44.4	1004	52.1	1069	59.8	1130	67.8	1188	76.1
16524 3600	601	18.1	653	21.5	701	25.1	746	28.5	789	32.2	830	35.8	868	39.5	941	47.1	1008	54.9	1072	62.9	1132	71.1	1190	79.6
17442 3800	612	19.6	662	23.2	709	26.8	754	30.5	796	34.3	836	38.1	875	42.1	946	49.9	1014	57.9	1076	66.2	1136	74.7	1194	83.4
18360 4000	621	21.2	672	25.1	719	28.9	762	32.7	804	36.7	844	40.6	881	44.6	953	52.8	1019	61.1	1082	69.8	1142	78.5	1198	87.4
19278 4200	632	23.1	682	27.1	728	30.9	771	35.1	812	39.1	850	43.1	889	47.3	959	55.8	1025	64.5	1088	73.4	1147	82.4	1203	91.6
20196 4400	643	24.9	691	29.1	737	33.1	779	37.3	820	41.5	860	45.9	896	50.2	966	58.9	1032	67.9	1094	77.1	1152	86.4	1208	95.9
21114 4600	653	26.8	701	31.1	746	35.4	789	39.8	829	44.2	867	48.6	904	53.1	974	62.3	1038	71.4	1100	81.1	1157	90.4	1213	100
22032 4800	664	28.9	712	33.4	757	37.9	798	42.3	838	47.1	876	51.6	913	56.3	980	65.5	1046	75.3	1106	84.9	1164	94.9	1219	105
22950 5000	676	31.1	723	35.7	767	40.4	808	45.1	847	49.8	885	54.6	920	59.3	990	69.2	1053	79.1	1114	89.2	1170	99.2	1225	110
24786 5400	699	35.9	745	40.8	788	45.8	828	50.9	866	55.9	903	61.1	938	66.1	1006	76.6	1067	86.9	1127	97.7	1183	108	1238	119
26622 5800	724	41.2	768	46.6	809	51.8	849	57.2	887	62.6	922	68.1	957	73.4	1022	84.5	1084	95.7	1143	107	1199	118	1251	130
28458 6200	750	47.2	793	52.9	833	58.5	871	64.2	907	69.8	943	75.6	976	81.4	1041	93.1	1101	105	1159	117	1215	129	1267	141
30294 6600	777	53.9	817	59.8	856	65.6	894	71.7	930	77.8	964	83.8	998	90.1	1061	102	1120	115	1176	127	1231	140	1283	153



**FC-33**

Inlet diameter: 33" O.D. Wheel diameter: 57 1/2" Wheel Circumference: 15.05' Fan Outlet Area: 5.94 sq. ft. inside

CFM OV	4" SP		5" SP		6" SP		7" SP		8" SP		9" SP		10" SP		12" SP		14" SP		16" SP		18" SP		20" SP	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5940 1000	462	6.64	517	8.76	567	11.1	614	13.5	657	16.1	697	18.7	736	21.5	807	27.4	873	33.9	935	40.7	993	47.8	1047	55.2
7178 1200	463	7.41	517	9.67	567	12.1	612	14.6	655	17.3	696	20.2	733	23.1	805	29.3	870	35.8	931	42.8	989	50.2	1043	57.9
8316 1400	465	8.25	518	10.6	567	13.2	612	15.9	655	18.7	694	21.6	732	24.7	803	31.2	869	38.1	929	45.2	986	52.8	1040	60.6
9504 1600	467	9.19	520	11.7	568	14.4	613	17.2	654	20.2	694	23.2	732	26.5	802	33.2	867	40.2	927	47.7	984	55.6	1038	63.7
10692 1800	471	10.2	523	12.9	570	15.8	614	18.7	656	21.8	695	25.1	732	28.4	801	35.3	866	42.7	926	50.3	982	58.4	1037	66.9
11880 2000	475	11.3	526	14.2	573	17.2	616	20.3	657	23.5	696	26.9	733	30.3	802	37.6	866	45.3	925	53.2	983	61.6	1036	70.2
13068 2200	480	12.5	530	15.5	576	18.7	619	22.1	660	25.4	698	28.9	735	32.5	803	40.1	866	47.9	926	56.2	982	64.8	1035	73.8
14256 2400	485	13.7	535	17.1	580	20.3	623	23.7	663	27.3	701	31.1	737	34.8	805	42.6	868	50.8	927	59.3	982	68.2	1036	77.5
15444 2600	492	15.1	540	18.5	585	22.1	627	25.7	667	29.4	704	33.2	740	37.1	808	45.4	870	53.8	928	62.6	983	71.7	1036	81.3
16632 2800	498	16.6	546	20.2	591	23.9	632	27.7	671	31.6	709	35.7	744	39.7	810	48.2	872	57.1	929	66.1	985	75.5	1037	85.3
17820 3000	505	18.1	553	22.1	596	25.9	637	29.9	676	34.1	713	38.2	748	42.4	813	51.1	874	60.2	932	69.6	986	79.4	1039	89.7
19008 3200	513	19.8	560	23.9	603	27.9	643	32.1	681	36.4	717	40.7	752	45.1	817	54.3	878	63.7	934	73.4	988	83.4	1041	94.1
20196 3400	521	21.6	566	25.8	609	30.1	649	34.5	687	39.1	723	43.5	757	48.1	821	57.5	881	67.4	939	77.6	992	87.9	1043	98.6
21384 3600	528	23.4	574	27.8	616	32.4	656	37.1	693	41.7	729	46.4	762	51.3	826	61.1	885	71.1	941	81.5	994	92.2	1045	103
22572 3800	537	25.4	582	30.1	623	34.8	662	39.6	699	44.5	734	49.4	768	54.5	831	64.6	890	75.1	945	85.8	998	96.8	1049	108
23760 4000	546	27.5	590	32.5	631	37.4	670	42.4	706	47.5	741	52.7	774	57.8	837	68.5	895	79.2	951	90.4	1003	102	1052	113
24948 4200	555	29.8	599	35.1	639	40.1	677	45.3	713	50.7	747	55.8	780	61.4	843	72.4	901	83.6	956	95.1	1007	107	1057	119
26136 4400	564	32.2	607	37.5	647	42.9	684	48.3	720	53.9	755	59.5	787	65.1	849	76.4	906	88.1	960	99.9	1012	112	1061	124
27324 4600	574	34.8	616	40.3	655	45.9	693	51.5	728	57.3	762	63.1	794	68.8	856	80.8	911	92.5	966	105	1016	117	1065	130
28512 4800	583	37.4	625	43.3	665	49.1	701	54.9	736	60.9	769	66.8	802	72.9	861	84.9	919	97.6	972	110	1022	123	1070	136
29700 5000	594	40.3	635	46.3	674	52.4	709	58.4	744	64.5	777	70.7	808	76.9	869	89.7	925	102	978	116	1027	129	1075	142
32076 5400	614	46.5	654	52.9	692	59.4	727	66.1	761	72.5	793	79.1	824	85.7	883	99.3	937	113	990	127	1039	141	1087	155
34452 5800	636	53.5	675	60.4	711	67.2	745	74.1	779	81.2	810	88.1	840	95.2	898	109	952	124	1004	139	1053	154	1099	168
36828 6200	658	61.2	696	68.6	731	75.8	765	83.2	797	90.5	828	98.1	858	106	914	121	967	136	1018	152	1067	167	1113	183
39204 6600	682	69.9	718	77.5	751	85.1	785	93.1	817	101	846	109	876	117	931	133	984	149	1033	165	1081	182	1127	199



**FC-37**

Inlet diameter: 37" O.D. Wheel diameter: 64 3/8" Wheel Circumference: 16.85' Fan Outlet Area: 7.47 sq. ft. inside

CFM OV	4" SP		5" SP		6" SP		7" SP		8" SP		9" SP		10" SP		12" SP		14" SP		16" SP		18" SP		20" SP	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7470 1000	413	8.32	462	11.1	507	13.8	548	16.9	586	20.1	623	23.5	657	27.1	720	34.4	780	42.5	835	51.1	887	59.9	935	69.2
8964 1200	414	9.29	462	12.1	506	15.2	547	18.3	585	21.7	621	25.3	655	28.8	719	36.7	777	44.9	831	53.6	883	62.9	932	72.5
10458 1400	415	10.3	462	13.3	506	16.5	546	19.9	585	23.5	620	27.1	654	31.1	718	39.1	776	47.7	830	56.6	881	66.2	929	76.1
11952 1600	417	11.5	464	14.7	507	18.1	547	21.6	584	25.3	620	29.1	654	33.2	717	41.6	774	50.4	828	59.7	879	69.6	927	79.8
13446 1800	420	12.8	467	16.2	509	19.7	548	23.4	586	27.4	620	31.3	654	35.6	716	44.2	774	53.5	827	63.1	877	73.2	926	83.9
14940 2000	424	14.2	470	17.7	512	21.5	551	25.4	587	29.5	622	33.7	654	38.1	717	47.1	774	56.7	827	66.6	878	77.2	925	88.1
16434 2200	429	15.7	473	19.4	515	23.4	553	27.6	590	31.8	624	36.2	656	40.7	717	50.1	774	60.1	827	70.4	877	81.3	925	92.5
17928 2400	434	17.2	478	21.3	518	25.5	556	29.8	592	34.2	626	38.9	658	43.6	719	53.4	775	63.6	828	74.4	877	85.5	925	97.1
19422 2600	439	19.1	482	23.2	523	27.7	560	32.2	596	36.9	629	41.7	661	46.6	721	56.9	777	67.5	829	78.5	878	89.9	925	102
20916 2800	445	20.8	488	25.3	528	30.1	565	34.8	599	39.6	633	44.7	664	49.8	723	60.4	779	71.4	830	82.7	879	94.7	926	107
22410 3000	451	22.7	494	27.5	533	32.4	569	37.4	604	42.6	637	47.8	668	53.1	726	64.1	781	75.4	832	87.3	881	99.5	928	112
23904 3200	458	24.8	500	29.9	538	35.1	574	40.3	608	45.6	641	51.1	671	56.6	730	68.1	784	79.9	834	92.1	883	105	930	118
25398 3400	465	27.1	506	32.3	544	37.8	580	43.3	613	48.8	645	54.5	676	60.3	733	72.1	787	84.5	838	97.2	886	110	932	124
26892 3600	472	29.3	512	34.9	550	40.6	585	46.4	619	52.3	651	58.2	681	64.3	738	76.5	791	89.1	841	102	888	116	933	129
28386 3800	480	31.9	519	37.7	556	43.6	591	49.6	624	55.7	656	62.1	686	68.3	742	81.1	795	94.2	844	108	891	121	937	136
29880 4000	487	34.5	527	40.7	564	46.9	598	53.2	631	59.6	662	66.1	691	72.4	747	85.8	799	99.3	849	113	896	128	940	142
31374 4200	495	37.4	535	43.9	571	50.3	605	56.8	637	63.5	667	70.1	697	76.9	753	90.7	804	105	853	119	900	134	944	149
32868 4400	504	40.4	542	47.1	578	53.8	611	60.6	643	67.5	674	74.6	703	81.5	758	95.8	809	110	858	125	904	140	948	156
34362 4600	512	43.6	550	50.5	585	57.5	619	64.6	651	71.9	680	79.1	709	86.3	764	101	814	116	863	132	908	147	951	163
35856 4800	521	46.9	559	54.2	594	61.5	626	68.8	658	76.3	687	83.8	716	91.4	769	106	821	122	868	138	913	154	956	170
37350 5000	530	50.6	567	58.1	602	65.7	634	73.2	664	80.9	694	88.7	722	96.3	776	112	826	128	874	145	918	161	960	178
40338 5400	549	58.3	584	66.3	618	74.5	650	82.7	679	90.8	708	99.1	736	107	789	124	837	141	884	159	928	176	971	194
43326 5800	568	67.1	603	75.7	635	84.2	666	92.9	695	102	723	110	750	119	802	137	850	155	897	174	940	193	981	211
46314 6200	588	76.7	622	85.9	653	95.1	683	104	712	113	739	123	766	132	816	151	864	170	909	190	953	210	994	230
49302 6600	609	87.6	641	97.1	671	107	701	117	729	127	756	136	783	146	832	166	879	187	922	207	965	228	1006	249





**FC-41**

Inlet diameter: 41" O.D. Wheel diameter: 71 1/4" Wheel Circumference: 18.65' Fan Outlet Area: 9.17 sq. ft. inside

CFM OV	4" SP		5" SP		6" SP		7" SP		8" SP		9" SP		10" SP		12" SP		14" SP		16" SP		18" SP		20" SP	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9170 1000	373	10.2	417	13.4	458	16.9	495	20.7	530	24.6	562	28.7	594	33.1	651	42.1	705	52.1	754	62.4	801	73.4	845	84.8
11004 1200	374	11.4	417	14.8	458	18.6	494	22.4	529	26.6	561	30.9	591	35.3	649	44.9	702	55.1	751	65.7	798	77.1	842	88.8
12838 1400	375	12.7	418	16.3	457	20.2	494	24.4	528	28.7	560	33.2	591	37.9	648	47.9	701	58.4	750	69.4	796	81.1	839	93.1
14672 1600	377	14.1	419	18.1	458	22.1	494	26.5	528	31.1	560	35.7	590	40.6	647	51.1	699	61.8	748	73.2	794	85.3	838	97.8
16506 1800	380	15.7	422	19.8	460	24.2	495	28.7	529	33.5	560	38.4	591	43.6	647	54.2	699	65.5	747	77.3	793	89.6	837	103
18340 2000	383	17.4	424	21.7	462	26.4	497	31.2	530	36.1	562	41.3	591	46.6	647	57.8	699	69.5	747	81.6	793	94.6	836	108
20174 2200	387	19.2	428	23.8	465	28.7	500	33.8	533	39.1	563	44.3	593	49.9	648	61.4	699	73.5	747	86.2	793	99.5	836	113
22008 2400	392	21.1	431	26.1	468	31.2	502	36.5	535	42.1	566	47.6	595	53.4	649	65.4	700	77.9	748	91.1	793	105	836	119
23847 2600	397	23.2	436	28.4	472	33.9	506	39.4	538	45.2	568	51.1	597	57.1	652	69.6	702	82.7	749	96.2	793	110	836	125
25676 2800	402	25.5	441	31.1	477	36.8	510	42.6	541	48.5	572	54.8	600	61.1	654	74.1	703	87.5	750	101	794	116	836	131
27510 3000	407	27.8	446	33.7	481	39.7	514	45.8	545	52.1	575	58.6	603	65.1	656	78.4	705	92.4	752	107	796	122	838	138
29344 3200	414	30.4	452	36.6	486	42.9	519	49.3	549	55.9	579	62.6	606	69.3	659	83.3	708	97.9	754	113	797	128	840	144
31178 3400	420	33.1	457	39.6	492	46.3	524	53.1	554	59.8	583	66.8	611	73.9	662	88.3	711	103	757	119	800	135	842	151
33012 3600	426	35.9	463	42.8	497	49.7	529	56.8	559	64.1	588	71.3	615	78.7	667	93.7	714	109	760	125	802	142	843	158
34846 3800	433	39.1	469	46.2	503	53.4	534	60.8	564	68.3	593	75.9	620	83.7	671	99.2	718	115	763	132	805	149	846	166
36680 4000	440	42.3	476	49.9	509	57.5	540	65.1	570	73.1	598	80.9	624	88.7	675	105	722	122	767	139	809	156	849	174
38514 4200	448	45.8	483	53.7	516	61.6	546	69.6	576	77.8	603	85.7	630	94.2	680	111	727	128	771	146	813	164	853	182
40348 4400	455	49.5	490	57.7	522	65.9	552	74.2	581	82.7	609	91.4	635	99.9	685	117	731	135	775	153	816	172	856	191
42182 4600	463	53.4	497	61.9	529	70.5	559	79.2	588	88.1	615	96.8	641	106	690	124	735	142	780	161	820	180	860	200
44016 4800	471	57.5	505	66.4	536	75.4	565	84.2	594	93.5	621	103	647	112	695	130	741	150	784	169	825	189	864	209
45850 5000	479	61.9	512	71.1	543	80.5	572	89.7	600	99.1	627	109	652	118	701	138	746	157	789	178	829	197	868	218
49518 5400	496	71.4	528	81.3	558	91.3	587	101	614	111	640	121	665	132	713	152	756	173	799	194	838	216	877	238
53186 5800	513	82.1	545	92.7	573	103	601	114	628	125	653	135	678	146	724	168	768	190	810	213	849	236	887	259
56824 6200	531	94.1	562	105	590	116	617	128	643	139	668	151	692	162	737	185	781	209	822	233	861	257	898	281
60522 6600	550	107	579	119	606	131	633	143	659	155	683	167	707	179	752	204	794	229	833	254	872	279	909	305



**FC-45**

Inlet diameter: 45" O.D. Wheel diameter: 78 1/4" Wheel Circumference: 20.49' Fan Outlet Area: 11.04 sq. ft. inside

CFM OV	4" SP		5" SP		6" SP		7" SP		8" SP		9" SP		10" SP		12" SP		14" SP		16" SP		18" SP		20" SP	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11040 1000	340	12.3	380	16.2	417	20.4	451	25.1	482	29.7	512	34.7	540	39.9	593	50.8	642	62.8	687	75.3	729	88.5	769	102
13248 1200	340	13.7	380	17.9	417	22.4	450	27.1	481	32.1	511	37.3	538	42.6	591	54.2	639	66.3	684	79.2	727	93.1	767	107
15456 1400	341	15.3	380	19.7	416	24.4	449	29.4	481	34.7	510	40.1	538	45.7	590	57.7	638	70.4	682	83.7	725	97.8	764	112
17664 1600	343	17.1	382	21.7	417	26.7	450	31.9	481	37.4	510	43.1	538	49.1	589	61.5	637	74.5	681	88.3	723	103	763	118
19872 1800	346	18.9	384	23.9	419	29.2	451	34.6	482	40.4	510	46.3	538	52.5	589	65.3	636	79.1	680	93.2	722	108	762	124
22080 2000	349	20.9	386	26.2	421	31.8	453	37.6	483	43.6	511	49.8	538	56.2	589	69.7	636	83.8	680	98.5	722	114	761	130
24288 2200	353	23.1	389	28.7	423	34.6	455	40.7	485	47.1	513	53.5	540	60.2	590	74.1	636	88.7	680	104	722	120	761	137
26496 2400	357	25.5	393	31.4	426	37.6	457	44.1	487	50.6	515	57.5	542	64.4	591	78.9	637	94.1	681	110	722	126	761	143
28704 2600	361	28.1	397	34.3	430	40.9	461	47.5	490	54.5	517	61.6	543	68.8	593	84.1	639	99.7	682	116	722	133	761	151
30912 2800	366	30.7	401	37.4	434	44.3	464	51.4	493	58.6	521	66.1	546	73.6	595	89.2	640	105	682	122	723	140	762	158
33120 3000	371	33.6	406	40.7	438	47.9	468	55.3	497	62.9	524	70.7	549	78.5	597	94.6	642	111	684	129	724	147	763	166
35328 3200	377	36.7	411	44.2	443	51.7	472	59.5	500	67.4	527	75.5	552	83.6	600	101	645	118	686	136	726	155	765	174
37536 3400	383	40.1	416	47.7	448	55.8	477	64.1	504	72.2	531	80.6	556	89.1	603	107	648	125	690	144	729	163	766	183
39744 3600	388	43.3	421	51.6	452	60.1	482	68.5	509	77.2	535	86.1	560	94.9	607	113	650	132	692	151	730	171	768	191
41952 3800	395	47.1	427	55.7	458	64.5	486	73.3	513	82.3	539	91.6	564	101	611	120	654	139	695	159	733	179	770	200
44160 4000	401	51.1	434	60.2	464	69.3	492	78.6	519	88.1	545	97.6	568	107	615	127	657	147	698	168	737	189	773	210
46368 4200	407	55.2	440	64.8	470	74.3	497	84.1	524	93.8	549	103	573	114	619	134	662	155	702	176	740	198	776	220
48576 4400	415	59.7	446	69.5	475	79.5	503	89.5	529	99.8	555	110	578	120	623	142	666	163	706	185	743	207	780	230
50784 4600	421	64.4	453	74.6	481	85.1	509	95.5	535	106	560	117	583	127	629	150	670	171	710	194	747	217	783	241
52992 4800	429	69.4	459	80.1	488	90.9	515	102	541	113	565	124	589	135	632	157	675	181	714	204	751	228	786	252
55200 5000	436	74.7	466	85.8	495	97.1	521	108	546	120	571	131	594	142	638	166	679	190	719	214	755	238	790	263
59616 5400	451	86.2	480	98.1	508	110	534	122	559	134	582	146	605	159	649	184	689	209	727	235	763	260	799	287
64032 5800	467	99.1	496	112	522	124	548	137	572	150	595	163	617	176	660	203	700	230	738	257	773	285	807	312
68448 6200	484	113	511	127	537	140	562	154	585	168	608	182	630	196	671	223	711	252	748	281	784	310	818	339
72864 6600	501	130	527	144	552	158	577	172	600	187	622	201	644	216	684	246	723	276	759	306	794	337	828	368



**FC-49**

Inlet diameter: 49" O.D. Wheel diameter: 85 1/4" Wheel Circumference: 22.3' Fan Outlet Area: 13.17 sq. ft. inside

CFM OV	4" SP		5" SP		6" SP		7" SP		8" SP		9" SP		10" SP		12" SP		14" SP		16" SP		18" SP		20" SP	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
13170 1000	312	14.6	349	19.3	382	24.3	414	29.6	443	35.3	470	41.2	496	47.4	544	60.3	589	74.5	630	89.4	669	105	706	121
15804 1200	312	16.3	349	21.2	382	26.6	413	32.1	442	38.1	469	44.3	494	50.6	543	64.3	587	78.7	628	94.1	667	110	704	127
18438 1400	313	18.1	349	23.4	382	29.1	412	34.9	441	41.1	468	47.5	494	54.3	542	68.5	586	83.6	626	99.3	665	116	701	133
21072 1600	315	20.2	350	25.8	383	31.7	413	37.9	441	44.4	468	51.1	493	58.2	541	73.1	584	88.5	625	105	664	122	700	140
23706 1800	317	22.4	352	28.4	384	34.6	414	41.1	442	48.1	468	54.9	494	62.4	540	77.5	584	93.8	624	111	662	128	699	147
26340 2000	320	24.9	354	31.1	386	37.8	416	44.6	443	51.7	469	59.1	494	66.7	541	82.7	584	99.5	624	117	663	135	699	154
28974 2200	324	27.5	357	34.1	388	41.1	418	49.3	445	55.8	471	63.5	495	71.4	541	87.9	584	105	624	123	662	143	698	162
31608 2400	327	30.2	360	37.3	391	44.7	420	52.2	447	60.1	473	68.2	497	76.5	543	93.6	585	112	625	130	662	150	698	170
34242 2600	332	33.3	364	40.7	395	48.5	423	56.4	450	64.7	475	73.1	499	81.6	545	99.7	586	118	626	138	663	158	699	179
36876 2800	336	36.5	368	44.4	398	52.6	426	61.1	452	69.5	478	78.4	501	87.3	546	106	588	125	626	145	664	166	699	187
39510 3000	340	39.8	373	48.3	402	56.9	430	65.6	456	74.7	481	83.9	504	93.2	548	112	589	132	628	153	665	175	701	197
42144 3200	346	43.6	377	52.5	406	61.4	434	70.6	459	80.1	484	89.6	507	99.2	551	119	592	140	630	161	666	183	702	207
44778 3400	351	47.4	382	56.7	411	66.3	438	75.9	463	85.6	487	95.6	510	106	554	126	594	148	633	171	669	193	703	217
47412 3600	356	51.4	387	61.2	415	71.2	442	81.3	467	91.7	491	102	514	113	557	134	597	156	635	179	670	203	705	227
50046 3800	362	55.9	392	66.1	420	76.5	446	87.1	471	97.7	495	109	518	120	560	142	600	165	637	189	673	213	707	238
52680 4000	368	60.6	398	71.5	426	82.3	451	93.3	476	104	500	116	522	127	564	151	603	174	641	199	676	224	709	249
55314 4200	374	65.5	404	76.9	431	88.2	457	99.7	481	111	504	123	526	135	568	159	607	184	644	209	679	235	713	261
57948 4400	380	70.9	409	82.5	436	94.3	461	106	486	118	509	131	531	143	572	168	611	194	648	220	682	246	716	273
60582 4600	387	76.4	415	88.6	442	101	467	113	491	126	514	139	535	151	577	178	615	203	651	231	685	258	718	286
63216 4800	393	82.3	422	95.1	448	108	472	121	496	134	519	147	541	160	580	187	620	215	655	242	689	270	722	299
65850 5000	400	88.7	428	102	454	115	478	128	502	142	524	156	545	169	586	197	623	225	660	254	693	283	725	312
7118 5400	414	102	441	116	466	131	490	145	513	159	534	174	556	188	595	218	632	248	667	278	701	309	733	340
76386 5800	429	118	455	133	479	148	503	163	525	178	546	194	566	209	605	241	641	273	677	305	710	338	741	370
81654 6200	444	135	469	151	493	167	516	183	537	199	558	216	578	232	616	265	652	299	687	333	719	368	750	403
86922 6600	460	154	484	170	507	187	529	204	551	222	571	239	591	257	628	292	663	328	696	363	729	400	760	437

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