

SIZE 122

TYPE RTA FAN

SHADED AREA SHOWN INDICATE HEAVY DUTY CONSTRUCTION.

WHEEL 12.25 in. dia.
3.21 ft. circ.

INLET 7.125 in. O.D.
0.26 Sq. ft. area

OUTLET 6.0625 x 6.8125 in. O.D.
0.27 Sq. ft. area

		0.5 SP		1 SP		1.5 SP		2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
270	1000	854	0.04	1130	0.07	1360	0.11	1561	0.15										
324	1200	901	0.05	1163	0.08	1381	0.13	1574	0.17	1749	0.22								
378	1400	952	0.06	1205	0.10	1411	0.15	1596	0.20	1765	0.25	1922	0.30	2068	0.36	2206	0.41		
432	1600	1007	0.07	1250	0.12	1451	0.17	1626	0.22	1788	0.24	1940	0.34	2082	0.40	2217	0.46	2345	0.52
486	1800	1065	0.09	1299	0.14	1494	0.20	1665	0.25	1820	0.31	1965	0.38	2103	0.44	2234	0.51	2359	0.57
540	2000	1126	0.10	1351	0.16	1540	0.22	1708	0.29	1858	0.35	1998	0.42	2131	0.49	2258	0.56	2379	0.63
594	2200	1189	0.13	1405	0.19	1590	0.25	1752	0.32	1901	0.39	2037	0.47	2165	0.54	2287	0.61	2405	0.69
648	2400	1255	0.15	1462	0.22	1641	0.29	1800	0.36	1945	0.44	2079	0.52	2205	0.59	2323	0.67	2436	0.75
702	2600	1322	0.18	1521	0.25	1695	0.33	1850	0.40	1992	0.49	2123	0.57	2247	0.65	2363	0.74	2474	0.82
756	2800	1390	0.21	1582	0.29	1750	0.37	1902	0.45	2041	0.54	2170	0.62	2291	0.71	2406	0.80	2515	0.89
810	3000	1461	0.25	1645	0.33	1808	0.41	1956	0.50	2091	0.59	2218	0.68	2337	0.78	2450	0.87	2558	0.97
864	3200	1533	0.29	1710	0.38	1867	0.47	2011	0.56	2144	0.65	2268	0.75	2385	0.85	2496	0.95	2602	1.05
918	3400	1607	0.34	1775	0.43	1928	0.52	2068	0.62	2198	0.72	2320	0.82	2435	0.92	2544	1.03	2648	1.13
972	3600	1682	0.39	1842	0.48	1990	0.58	2127	0.68	2254	0.79	2373	0.89	2486	1.00	2594	1.11	2696	1.22
1026	3800	1757	0.44	1910	0.54	2054	0.65	2187	0.75	2311	0.86	2428	0.97	2539	1.08	2644	1.20	2745	1.31
1080	4000	1834	0.51	1979	0.61	2119	0.72	2248	0.83	2370	0.94	2484	1.06	2593	1.17	2697	1.29	2796	1.41
1134	4200	1912	0.58	2050	0.68	2185	0.80	2311	0.91	2429	1.03	2541	1.15	2648	1.27	2750	1.39	2848	1.52
1188	4400	1990	0.65	2121	0.76	2252	0.88	2375	1.00	2490	1.12	2600	1.25	2705	1.37	2805	1.50	2901	1.63
1242	4600	2068	0.74	2194	0.85	2320	0.97	2440	1.10	2552	1.23	2660	1.35	2763	1.48	2861	1.61	2956	1.75
1296	4800	2147	0.83	2267	0.94	2388	1.07	2505	1.20	2616	1.33	2721	1.47	2821	1.60	2918	1.73	3011	1.87
		5 SP		6 SP		7 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
CFM	CV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
432	1600	2467	0.59																
486	1800	2478	0.64	2704	0.79														
540	2000	2496	0.70	2716	0.86	2922	1.02	3116	1.18										
594	2200	2518	0.77	2734	0.93	2936	1.09	3126	1.27	3308	1.44	3481	1.63						
648	2400	2546	0.84	2756	1.01	2954	1.18	3141	1.36	3319	1.54	3489	1.74	3653	1.93	3810	2.13		
702	2600	2504	0.91	2784	1.09	2977	1.27	3160	1.46	3335	1.65	3503	1.85	3663	2.05	3818	2.26	3968	2.47
756	2800	2619	0.99	2816	1.17	3004	1.36	3184	1.56	3355	1.76	3520	1.97	3678	2.11	3830	2.39	3978	2.61
810	3000	2661	1.07	2854	1.26	3036	1.46	3211	1.67	3379	1.88	3541	2.09	3696	2.31	3846	2.53	3992	2.76
864	3200	2704	1.15	2895	1.36	3073	1.57	3243	1.78	3407	2.00	3566	2.22	3718	2.45	3866	2.68	4009	2.92
918	3400	2748	1.24	2937	1.46	3113	1.68	3280	1.90	3440	2.13	3594	2.36	3744	2.60	3889	2.84	4030	3.08
972	3600	2794	1.33	2981	1.56	3156	1.79	3320	2.03	3476	2.26	3627	2.50	3773	2.75	3916	3.00	4054	3.25
1026	3900	2842	1.43	3026	1.67	3199	1.91	3361	2.16	3516	2.40	3663	2.65	3806	2.90	3945	3.16	4481	3.42
1080	4000	2892	1.54	3073	1.78	3243	2.04	3404	2.29	3557	2.55	3703	2.91	3843	3.07	3979	3.33	4112	3.60
1134	4200	2942	1.64	3121	1.90	3289	2.17	3448	2.43	3600	2.70	3744	2.97	3883	3.24	4016	3.51	4146	3.79
1188	4400	2994	1.76	3170	2.03	3336	2.30	3493	2.58	3643	2.85	3787	3.14	3924	3.42	4056	3.70	4184	3.99
1242	4600	3047	1.86	3221	2.16	3385	2.44	3540	2.73	3688	3.02	3830	3.31	3966	3.60	4097	3.89	4224	4.19
1296	4800	3101	2.01	3272	2.30	3434	2.59	3587	2.89	3734	3.18	3874	3.46	4009	3.79	4140	4.09	4265	4.40
1350	5000	3156	2.15	3325	2.44	3485	2.74	3636	3.05	3781	3.35	3920	3.67	4053	3.98	4183	4.30	4307	4.62
1404	5200	3212	2.29	3379	2.60	3536	2.91	3686	3.22	3829	3.53	3966	3.86	4099	4.18	4226	4.51	4350	4.84
1458	5400	3270	2.45	3434	2.76	3589	3.07	3737	3.40	3879	3.72	4014	4.05	4145	4.39	4271	4.73	4394	5.07
1512	5600	3328	2.61	3489	2.93	3643	3.25	3769	3.58	3929	3.92	4063	4.26	4193	4.60	4318	4.95	4439	5.30
1566	5800	3387	2.78	3546	3.10	3697	3.44	3841	3.78	3980	4.12	4113	4.47	4241	4.82	4365	5.18	4485	5.54
1620	6000	3447	2.96	3603	3.29	3752	3.63	3895	3.98	4032	4.34	4163	4.65	4290	5.05	4413	5.42	4532	5.79
1674	6200	3507	3.15	3662	3.49	3809	3.84	3949	4.20	4084	4.56	4215	4.92	4340	5.29	4462	5.67	4579	6.04
1728	6400	3569	3.34	3721	3.70	3866	4.05	4005	4.42	4138	4.75	4267	5.16	4391	5.54	4511	5.95	4628	6.31
1782	6600	3631	3.55	3781	3.91	3924	4.28	4061	4.65	4193	5.03	4320	5.41	4443	5.80	4562	6.19	4678	6.59
		14 SP		15 SP		16 SP		17 SP		18 SP		19 SP		20 SP		21 SP		22 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
702	2600	4113	2.68																
756	2800	4121	2.84	4260	3.06	4394	3.29												
810	3000	4133	2.99	4270	3.23	4403	3.47	4533	3.71	4659	3.96								
864	3200	4148	3.15	4283	3.40	4414	3.65	4543	3.90	4668	4.15	4790	4.41	4909	4.67	5026	4.93		
918	3400	4167	3.32	4300	3.57	4429	3.83	4556	4.09	4679	4.35	4800	4.62	4918	4.89	5034	5.16	5147	5.43
972	3600	4189	3.50	4320	3.76	4447	4.02	4572	4.29	4694	4.56	4813	4.83	4930	5.11	5044	5.39	5156	5.67
1026	3800	4214	3.69	4343	3.95	4469	4.22	4592	4.50	4712	4.77	4830	5.05	4945	5.34	5058	5.62	5169	5.91
1060	4000	4242	3.88	4369	4.15	4493	4.43	4614	4.71	4753	5.00	4849	5.28	4963	5.58	5074	5.87	5184	6.17
1134	4200	4273	4.07	4398	4.36														

SIZE 155

TYPE RTA FAN

SHADED AREA SHOWN INDICATE HEAVY DUTY CONSTRUCTION.

WHEEL 15.625 in. dia. INLET 9.125 in. O.D. OUTLET 7.6875 x 8.625 in. O.D.
4.09 ft. circ. 0.43 Sq. ft. area 0.44 Sq. ft. area

		0.5 SP		1 SP		1.5 SP		2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
440	1000	670	0.06	886	0.11	1066	0.17	1224	0.24										
528	1200	706	0.07	912	0.14	1082	0.21	1234	0.28	1371	0.35								
616	1400	746	0.09	945	0.16	1106	0.24	1251	0.32	1384	0.40	1507	0.49	1621	0.58	1730	0.67		
704	1600	789	0.11	980	0.19	1137	0.28	1275	0.36	1402	0.45	1521	0.55	1632	0.65	1738	0.75	1838	0.85
792	1800	835	0.14	1019	0.23	1171	0.32	1305	0.41	1427	0.51	1541	0.61	1649	0.72	1752	0.82	1849	0.93
880	2000	882	0.17	1059	0.26	1208	0.36	1339	0.47	1457	0.57	1566	0.68	1670	0.79	1770	0.91	1865	1.03
968	2200	932	0.20	1102	0.31	1246	0.41	1374	0.53	1490	0.64	1597	0.76	1697	0.88	1793	1.00	1885	1.12
1056	2400	984	0.25	1146	0.35	1287	0.47	1411	0.59	1525	0.71	1630	0.84	1728	0.97	1821	1.09	1910	1.23
1144	2600	1036	0.29	1193	0.41	1329	0.53	1450	0.66	1562	0.79	1665	0.93	1762	1.06	1853	1.20	1939	1.34
1232	2800	1090	0.34	1241	0.47	1372	0.60	1491	0.73	1600	0.87	1701	1.02	1796	1.16	1886	1.31	1972	1.45
1320	3000	1145	0.40	1290	0.54	1417	0.67	1533	0.82	1640	0.96	1739	1.11	1832	1.27	1921	1.42	2005	1.58
1408	3200	1202	0.47	1340	0.61	1464	0.76	1577	0.91	1681	1.06	1778	1.22	1870	1.38	1957	1.54	2040	1.71
1496	3400	1260	0.55	1392	0.70	1512	0.85	1621	1.00	1723	1.16	1819	1.33	1909	1.50	1995	1.67	2076	1.84
1584	3600	1318	0.63	1444	0.79	1560	0.95	1667	1.11	1767	1.28	1861	1.45	1949	1.63	2033	1.80	2114	1.99
1672	3800	1378	0.72	1498	0.89	1610	1.06	1715	1.23	1812	1.40	1904	1.58	1990	1.76	2073	1.95	2152	2.14
1760	4000	1438	0.83	1552	0.99	1661	1.17	1763	1.35	1858	1.53	1948	1.72	2033	1.91	2114	2.10	2192	2.30
1848	4200	1499	0.94	1607	1.11	1713	1.30	1812	1.49	1905	1.68	1993	1.87	2076	2.07	2156	2.27	2233	2.47
1936	4400	1560	1.06	1663	1.24	1766	1.44	1862	1.63	1952	1.83	2038	2.03	2121	2.23	2199	2.44	2275	2.65
2024	4600	1621	1.20	1720	1.38	1819	1.58	1913	1.79	2001	1.99	2085	2.20	2166	2.41	2243	2.62	2317	2.84
2112	4800	1683	1.34	1778	1.54	1872	1.74	1964	1.96	2051	2.17	2133	2.38	2212	2.60	2286	2.82	2361	3.05
		5 SP		6 SP		7 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
CFM	CV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
704	1600	1934	0.96																
792	1800	1943	1.05	2120	1.28														
880	2000	1957	1.15	2129	1.39	2291	1.65	2443	1.92										
968	2200	1974	1.25	2143	1.51	2302	1.78	2451	2.06	2593	2.35	2729	2.65						
1056	2400	1996	1.36	2161	1.64	2316	1.92	2463	2.21	2602	2.51	2736	2.82	2864	3.14	2987	3.46		
1144	2600	2023	1.48	2182	1.77	2334	2.07	2478	2.37	2615	2.68	2746	3.01	2872	3.34	2994	3.68	3111	4.02
1232	2800	2053	1.60	2208	1.91	2355	2.22	2496	2.54	2630	2.87	2759	3.20	2883	3.54	3003	3.89	3119	4.25
1320	3000	2086	1.74	2238	2.05	2381	2.38	2518	2.71	2649	3.06	2776	3.40	2898	3.76	3016	4.12	3130	4.49
1408	3200	2120	1.87	2270	2.21	2409	2.55	2543	2.90	2671	3.26	2795	3.62	2915	3.99	3031	4.36	3143	4.74
1496	3400	2155	2.02	2303	2.37	2441	2.73	2571	3.09	2697	3.46	2818	3.84	2935	4.22	3049	4.61	3159	5.01
1584	3600	2191	2.17	2337	2.54	2474	2.92	2603	3.30	2725	3.68	2843	4.07	2958	4.47	3070	4.87	3178	5.28
1672	3800	2228	2.33	2372	2.72	2508	3.11	2635	3.51	2756	3.91	2872	4.31	2984	4.72	3093	5.14	3200	5.57
1760	4000	2267	2.50	2409	2.90	2543	3.31	2669	3.73	2789	4.15	2903	4.57	3013	4.99	3120	5.42	3224	5.86
1848	4200	2307	2.68	2447	3.09	2578	3.52	2703	3.60	2822	4.39	2935	4.83	3044	5.27	3149	5.71	3251	6.17
1936	4400	2347	2.87	2486	3.30	2615	3.74	2739	4.19	2856	4.64	2969	5.10	3076	5.56	3180	6.02	3280	6.48
2024	4600	2389	3.06	2525	3.51	2653	3.97	2775	4.43	2891	4.91	3003	5.38	3110	5.86	3212	6.34	3311	6.82
2112	4800	2431	3.27	2566	3.74	2692	4.21	2813	4.69	2927	5.18	3037	5.67	3143	6.16	3246	6.66	3344	7.16
2200	5000	2474	3.50	2607	3.98	2732	4.46	2851	4.96	2964	5.46	3073	5.97	3178	6.48	3279	6.99	3377	7.51
2288	5200	2519	3.73	2649	4.22	2772	4.73	2890	5.23	3002	5.75	3110	6.27	3213	6.80	3314	7.34	3411	7.87
2376	5400	2563	3.98	2692	4.49	2814	5.00	2930	5.53	3041	6.06	3147	6.59	3250	7.14	3349	7.69	3445	8.24
2464	5600	2609	4.24	2736	4.76	2856	5.29	2970	5.83	3080	6.38	3185	6.93	3287	7.49	3385	8.05	3480	8.62
2552	5800	2655	4.52	2780	5.05	2898	5.59	3012	6.15	3120	6.71	3224	7.27	3325	7.85	3422	8.43	3516	9.01
2640	6000	2702	4.81	2825	5.36	2942	5.91	3054	6.48	3161	7.06	3264	7.64	3364	8.22	3460	8.82	3553	9.42
2728	6200	2750	5.12	2871	5.68	2986	6.24	3096	6.83	3202	7.42	3304	8.01	3403	8.61	3498	9.22	3590	9.83
2816	6400	2798	5.44	2917	6.01	3031	6.59	3140	7.19	3244	7.79	3345	8.40	3443	9.02	3537	9.64	3628	10.27
2904	6600	2847	5.78	2964	6.36	3076	6.96	3184	7.56	3287	8.18	3387	8.81	3483	9.44	3577	10.08	3667	10.72
		14 SP		15 SP		16 SP		17 SP		18 SP		19 SP		20 SP		21 SP		22 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1144	2600	3224	4.37																
1232	2800	3231	4.62	3340	4.99	3445	5.36												
1320	3000	3240	4.87	3347	5.25	3452	5.64	3554	6.04	3653	6.44								
1408	3200	3252	5.13	3358	5.53	3461	5.93	3561	6.34	3659	6.76	3755	7.17	3849	7.60	3940	8.02		
1496	3400	3267	5.41	3371	5.82	3473	6.23	3572	6.65	3669	7.08	3763	7.51	3856	7.95	3946	8.39	4035	8.84
1584	3600	3284	5.70	3387	6.12	3487	6.54	3585	6.98	3680	7.41	3774	7.86	3865	8.31	3955	8.77	4043	9.23
1672	3800	3303	6.00	3405	6.43	3503	6.87	3600	7.31	3694	7.76	3786	8.22	3877	8.68	3965	9.15	4052	9.62
1760	4000	3326	6.31	3425	6.76	3522	7.21	3617	7.67	3710	8.13	3801	8.60	3891	9.07	3978	9.55	4064	10.03
1848	4200	3350	6.62																

SIZE 191

TYPE RTA FAN

SHADED AREA SHOWN INDICATE HEAVY DUTY CONSTRUCTION.

WHEEL 19.125 in. dia. INLET 11.125 in. O.D. OUTLET 9.4375 x 10.5625 in. O.D.
5.01 ft. circ. 0.64 Sq. ft. area 0.66 Sq. ft. area

		0.5 SP		1 SP		1.5 SP		2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
660	1000	547	0.09	724	0.17	871	0.26	1000	0.36										
792	1200	577	0.11	745	0.21	884	0.31	1008	0.42	1120	0.53								
924	1400	610	0.14	772	0.25	904	0.36	1022	0.48	1130	0.60	1231	0.73	1325	0.87	1413	1.01		
1056	1600	645	0.17	801	0.29	929	0.42	1042	0.55	1146	0.68	1243	0.82	1334	0.97	1420	1.12	1502	1.28
1188	1800	682	0.21	832	0.34	957	0.48	1066	0.62	1165	0.77	1259	0.92	1347	1.08	1431	1.24	1511	1.40
1320	2000	721	0.25	865	0.40	987	0.55	1094	0.70	1190	0.86	1280	1.02	1365	1.19	1446	1.36	1524	1.54
1452	2200	762	0.31	900	0.46	1018	0.62	1122	0.79	1217	0.96	1305	1.14	1387	1.31	1465	1.50	1540	1.68
1564	2400	804	0.37	937	0.53	1051	0.70	1153	0.88	1246	1.07	1332	1.26	1412	1.45	1488	1.64	1561	1.84
1716	2600	847	0.44	974	0.61	1085	0.80	1185	0.99	1276	1.18	1360	1.39	1439	1.59	1514	1.79	1585	2.00
1848	2800	891	0.52	1014	0.70	1121	0.90	1218	1.10	1307	1.31	1390	1.52	1467	1.74	1541	1.96	1611	2.18
1980	3000	936	0.60	1054	0.81	1158	1.01	1253	1.22	1340	1.44	1421	1.67	1497	1.90	1569	2.13	1638	2.36
2112	3200	982	0.71	1095	0.92	1196	1.13	1288	1.36	1373	1.59	1453	1.82	1528	2.06	1599	2.31	1667	2.56
2244	3400	1029	0.82	1137	1.04	1235	1.27	1325	1.50	1408	1.74	1486	1.99	1560	2.24	1630	2.50	1696	2.76
2376	3600	1077	0.94	1180	1.18	1275	1.42	1362	1.66	1444	1.91	1520	2.17	1592	2.44	1661	2.70	1727	2.98
2508	3800	1126	1.08	1223	1.33	1316	1.58	1401	1.84	1480	2.10	1555	2.37	1626	2.64	1694	2.92	1759	3.20
2640	4000	1175	1.24	1268	1.49	1357	1.76	1440	2.03	1518	2.30	1591	2.58	1661	2.86	1727	3.15	1791	3.44
2772	4200	1224	1.41	1313	1.67	1400	1.95	1480	2.23	1556	2.51	1628	2.80	1696	3.09	1762	3.40	1824	3.70
2904	4400	1274	1.59	1359	1.86	1442	2.15	1521	2.45	1595	2.74	1665	3.04	1732	3.34	1797	3.66	1858	3.97
3036	4600	1325	1.80	1405	2.07	1486	2.37	1563	2.68	1635	2.99	1704	3.30	1769	3.61	1832	3.93	1893	4.26
3168	4800	1375	2.01	1452	2.30	1530	2.61	1605	2.93	1675	3.25	1743	3.57	1807	3.90	1869	4.23	1929	4.56
		5 SP		6 SP		7 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
CFM	CV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1056	1600	1580	1.44																
1188	1800	1587	1.57	1732	1.92														
1320	2000	1598	1.72	1740	2.09	1872	2.48	1996	2.87										
1452	2200	1613	1.87	1751	2.26	1880	2.67	2002	3.09	2119	3.52	2229	3.96						
1584	2400	1631	2.04	1765	2.45	1892	2.87	2012	3.31	2126	3.76	2235	4.23	2340	4.71	2440	5.19		
1716	2600	1653	2.21	1783	2.65	1907	3.09	2024	3.55	2136	4.02	2243	4.50	2346	5.00	2446	5.51	2542	6.02
1848	2800	1677	2.40	1804	2.86	1924	3.32	2039	3.80	2149	4.29	2254	4.79	2356	5.31	2454	5.83	2548	6.37
1980	3000	1704	2.60	1828	3.08	1945	3.56	2057	4.07	2164	4.58	2268	5.10	2368	5.63	2464	6.17	2557	6.73
2112	3200	1732	2.81	1854	3.31	1969	3.82	2077	4.34	2182	4.88	2284	5.42	2382	5.97	2476	6.54	2568	7.11
2244	3400	1760	3.02	1882	3.55	1994	4.09	2101	4.63	2203	5.19	2302	5.75	2398	6.33	2491	6.91	2581	7.50
2376	3600	1790	3.25	1909	3.81	2021	4.37	2126	4.94	2226	5.51	2323	6.10	2417	6.69	2508	7.30	2597	7.92
2508	3800	1821	3.49	1938	4.07	2049	4.66	2153	5.26	2252	5.85	2346	6.46	2438	7.08	2527	7.70	2614	8.34
2640	4000	1852	3.74	1968	4.35	2077	4.96	2181	5.59	2278	6.21	2372	6.84	2462	7.48	2549	8.12	2634	8.78
2772	4200	1885	4.01	1999	4.64	2107	5.28	2209	5.93	2306	6.58	2398	7.24	2487	7.89	2573	8.56	2656	9.24
2904	4400	1918	4.29	2031	4.94	2137	5.60	2237	6.28	2334	6.96	2426	7.64	2413	8.33	2598	9.02	2680	9.72
3036	4600	1952	4.59	2063	5.26	2168	5.95	2267	6.64	2362	7.35	2453	8.06	2541	8.78	2624	9.49	2705	10.21
3168	4800	1986	4.91	2096	5.60	2200	6.31	2298	7.03	2392	7.76	2481	8.49	2568	9.20	2652	9.98	2732	10.72
3300	5000	2022	5.24	2130	5.96	2232	6.69	2329	7.42	2422	8.18	2511	8.94	2596	9.71	2679	10.48	2759	11.25
3432	5200	2058	5.59	2164	6.33	2265	7.08	2361	7.84	2453	8.62	2541	9.40	2625	10.19	2707	10.99	2786	11.79
3564	5400	2094	5.96	2199	6.72	2299	7.49	2394	8.28	2484	9.07	2571	9.88	2655	10.69	2736	11.52	2814	12.35
3696	5600	2132	6.36	2235	7.13	2333	7.93	2427	8.74	2516	9.55	2603	10.38	2685	11.22	2766	12.06	2843	12.92
3828	5800	2169	6.77	2271	7.57	2368	8.38	2460	9.21	2549	10.05	2634	10.90	2716	11.76	2796	12.63	2873	13.50
3960	6000	2208	7.21	2308	8.02	2404	8.86	2495	9.71	2582	10.57	2667	11.44	2748	12.32	2827	13.21	2903	14.11
4092	6200	2247	7.67	2345	8.50	2440	9.36	2530	10.23	2616	11.11	2700	12.00	2780	12.90	2858	13.81	2933	14.73
4224	6400	2286	8.15	2363	9.01	2476	9.88	2565	10.77	2651	11.67	2733	12.59	2813	13.51	2890	14.44	2964	15.38
4356	6600	2326	8.66	2422	9.53	2513	10.42	2601	11.33	2685	12.26	2767	13.19	2846	14.14	2922	15.10	2996	16.06
		14 SP		15 SP		16 SP		17 SP		18 SP		19 SP		20 SP		21 SP		22 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1716	2600	2634	6.54																
1848	2800	2640	6.92	2728	7.47	2815	8.03												
1980	3000	2647	7.29	2735	7.87	2820	8.46	2903	9.05	2984	9.64								
2112	3200	2657	7.69	2743	8.28	2828	8.89	2910	9.50	2990	10.12	3068	10.75	3144	11.38	3219	12.02		
2244	3400	2669	8.10	2754	8.71	2837	9.33	2918	9.96	2997	10.60	3075	11.26	3150	11.91	3224	12.58	3297	13.24
2376	3600	2683	8.54	2767	9.17	2849	9.80	2929	10.45	3007	11.11	3083	11.77	3158	12.45	3231	13.14	3303	13.83
2508	3800	2699	8.99	2782	9.64	2862	10.29	2941	10.96	3018	11.63	3093	12.31	3167	13.01	3240	13.71	3311	14.42
2640	4000	2717	9.45	2798	10.12	2878	10.80	2955	11.49	3031	12.18	3106	12.88	3179	13.59	3250	14.31	3320	15.03

SIZE 225

TYPE RTA FAN

SHADED AREA SHOWN INDICATE HEAVY DUTY CONSTRUCTION.

WHEEL 22.625 in. dia. INLET 13.25 in. O.D. OUTLET 11.125 x 12.4375 in. O.D.
5.92 ft. circ. 0.92 Sq. ft. area 0.93 Sq. ft. area

		0.5 SP		1 SP		1.5 SP		2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
930	1000	455	0.11	603	0.22	726	0.33	834	0.45	930	0.59	1019	0.72						
1116	1200	479	0.14	621	0.26	737	0.39	840	0.53	934	0.67	1020	0.82	1101	0.98	1176	1.14		
1302	1400	506	0.18	642	0.32	754	0.46	852	0.61	941	0.76	1025	0.93	1104	1.10	1178	1.27	1248	1.46
1488	1600	534	0.22	665	0.38	773	0.53	868	0.70	955	0.87	1035	1.04	1111	1.22	1183	1.41	1251	1.61
1674	1800	563	0.27	691	0.44	796	0.62	888	0.80	972	0.98	1049	1.17	1122	1.36	1192	1.56	1258	1.77
1860	2000	593	0.32	718	0.52	820	0.71	909	0.90	991	1.10	1067	1.31	1138	1.52	1205	1.73	1269	1.95
2046	2200	625	0.39	746	0.60	845	0.81	933	1.02	1012	1.24	1086	1.46	1156	1.68	1221	1.91	1284	2.14
2232	2400	658	0.46	774	0.69	872	0.92	957	1.15	1035	1.38	1107	1.62	1175	1.86	1240	2.10	1301	2.35
2418	2600	691	0.54	804	0.79	900	1.04	984	1.29	1060	1.54	1130	1.79	1197	2.05	1259	2.30	1320	2.57
2604	2800	725	0.64	834	0.90	928	1.17	1011	1.44	1085	1.71	1154	1.98	1220	2.25	1281	2.52	1340	2.80
2790	3000	760	0.75	865	1.02	957	1.31	1038	1.60	1112	1.89	1180	2.17	1244	2.46	1304	2.75	1362	3.05
2976	3200	795	0.87	897	1.16	986	1.46	1066	1.77	1139	2.08	1206	2.38	1269	2.69	1328	3.00	1385	3.31
3162	3400	830	1.00	930	1.31	1016	1.62	1095	1.95	1167	2.28	1233	2.61	1295	2.93	1353	3.26	1409	3.58
3348	3600	866	1.15	964	1.47	1047	1.80	1124	2.14	1195	2.50	1260	2.85	1321	3.19	1379	3.53	1434	3.87
3534	3800	902	1.32	996	1.65	1079	2.00	1154	2.35	1223	2.72	1268	3.09	1349	3.46	1406	3.82	1460	4.18
3720	4000	939	1.50	1032	1.85	1112	2.21	1184	2.58	1252	2.96	1316	3.35	1376	3.74	1433	4.13	1486	4.51
3906	4200	976	1.70	1066	2.06	1145	2.44	1216	2.82	1282	3.22	1345	3.63	1404	4.04	1460	4.44	1513	4.85
4092	4400	1014	1.92	1101	2.30	1178	2.69	1248	3.09	1313	3.49	1374	3.92	1432	4.35	1488	4.78	1541	5.20
4278	4600	1051	2.15	1136	2.55	1212	2.96	1280	3.37	1343	3.79	1404	4.22	1461	4.67	1516	5.12	1568	5.57
4464	4800	1089	2.41	1172	2.82	1246	3.24	1313	3.67	1375	4.11	1434	4.55	1491	5.01	1545	5.48	1596	5.95
		5 SP		6 SP		7 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
CFM	CV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1302	1400	1315	1.64																
1488	1600	1317	1.81	1440	2.23	1554	2.66												
1674	1800	1322	1.98	1443	2.43	1556	2.88	1661	3.36	1761	3.85								
1860	2000	1331	2.17	1449	2.64	1560	3.12	1664	3.62	1762	4.14	1856	4.67	1945	5.21	2031	5.77		
2046	2200	1344	2.38	1458	2.86	1566	3.37	1668	3.90	1765	4.44	1858	5.00	1947	5.57	2032	6.15	2114	6.74
2232	2400	1360	2.60	1471	3.11	1575	3.64	1675	4.19	1771	4.75	1862	5.34	1950	5.93	2034	6.54	2115	7.16
2418	2600	1377	2.83	1486	3.37	1589	3.93	1686	4.49	1779	5.08	1868	5.69	1954	6.31	2038	6.95	2118	7.59
2604	2800	1396	3.08	1504	3.65	1604	4.23	1699	4.83	1790	5.44	1877	6.06	1962	6.71	2043	7.37	2122	8.04
2790	3000	1417	3.34	1522	3.94	1621	4.56	1715	5.18	1803	5.61	1889	6.46	1971	7.12	2051	7.80	2129	8.50
2976	3200	1440	3.62	1543	4.25	1640	4.89	1732	5.55	1819	6.21	1903	6.89	1984	7.57	2062	8.27	2138	8.98
3162	3400	1443	3.91	1564	4.57	1659	5.25	1750	5.93	1836	6.63	1919	7.33	1998	8.04	2075	8.76	2149	9.50
3348	3600	1487	4.22	1587	4.92	1681	5.62	1770	6.33	1855	7.06	1936	7.80	2015	8.54	2090	9.29	2163	10.04
3534	3800	1512	4.54	1611	5.27	1703	6.01	1790	6.75	1874	7.51	1954	8.27	2032	9.05	2107	9.83	2179	10.61
3720	4000	1537	4.89	1635	5.65	1726	6.42	1813	7.19	1895	7.98	1974	8.77	2050	9.57	2124	10.39	2195	11.21
3906	4200	1564	5.24	1660	6.04	1750	6.84	1835	7.65	1917	8.47	1995	9.29	2070	10.12	2142	10.96	2213	11.82
4092	4400	1591	5.62	1685	6.45	1774	7.29	1859	8.13	1939	8.98	2016	9.83	2090	10.69	2162	11.56	2231	12.44
4278	4600	1618	6.01	1712	6.88	1800	7.75	1883	8.63	1963	9.51	2039	10.40	2112	11.29	2183	12.19	2251	13.09
4464	4800	1646	6.42	1739	7.33	1826	8.24	1906	9.14	1987	10.06	2062	10.98	2134	11.91	2204	12.83	2272	13.77
4650	5000	1674	6.84	1766	7.80	1852	8.74	1933	9.68	2011	10.63	2086	11.59	2157	12.54	2226	13.51	2293	14.47
4836	5200	1702	7.27	1794	8.28	1879	9.27	1959	10.25	2036	11.22	2110	12.21	2181	13.20	2249	14.20	2316	15.20
5022	5400	1730	7.73	1821	8.78	1906	9.81	1986	10.83	2062	11.84	2135	12.86	2205	13.88	2273	14.92	2339	15.95
5208	5600	1759	8.20	1849	9.29	1934	10.37	2013	11.43	2088	12.49	2160	13.54	2229	14.59	2297	15.65	2362	16.72
5394	5800	1789	8.70	1877	9.82	1961	10.95	2040	12.06	2115	13.15	2186	14.24	2255	15.32	2321	16.41	2386	17.51
5580	6000	1818	9.22	1906	10.38	1989	11.55	2067	12.70	2142	13.84	2212	14.96	2280	16.08	2346	17.20	2410	18.33
5766	6200	1849	9.78	1935	10.96	2017	12.16	2095	13.36	2169	14.54	2239	15.71	2307	16.87	2372	18.02	2435	19.18
5952	6400	1879	10.36	1965	11.56	2046	12.79	2123	14.04	2196	15.27	2266	16.48	2333	17.68	2398	18.87	2460	20.06
6138	6600	1910	10.97	1994	12.19	2074	13.46	2151	14.73	2224	16.01	2293	17.27	2360	18.51	2424	19.74	2486	20.97
		14 SP		15 SP		16 SP		17 SP		18 SP		19 SP		20 SP		21 SP		22 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2418	2600	2195	8.25	2270	8.92	2343	9.60	2414	10.29	2483	10.99	2550	11.69	2615	12.41				
2604	2800	2799	8.72	2273	9.42	2346	10.12	2416	10.84	2484	11.56	2551	12.30	2616	13.04	2679	13.79	2741	14.55
2790	3000	2204	9.21	2278	9.93	2349	10.66	2419	11.40	2487	12.15	2553	12.91	2617	13.68	2680	14.46	2742	15.25
2976	3200	2212	9.71	2284	10.46	2355	11.22	2423	11.98	2490	12.76	2556	13.55	2620	14.34	2682	15.15	2744	15.96
3162	3400	2222	10.25	2293	11.01	2362	11.79	2430	12.58	2496	13.38	2560	14.20	2624	15.02	2686	15.85	2746	16.69
3348	3600	2234	10.81	2304	11.60	2371	12.39	2											

SIZE 261

TYPE RTA FAN

SHADED AREA SHOWN INDICATE HEAVY DUTY CONSTRUCTION.

WHEEL 26.125 in. dia.
6.84 ft. circ.

INLET 15.25 in. O.D.
1.23 Sq. ft. area

OUTLET 12.8125 x 14.3125 in. O.D.
1.24 Sq. ft. area

		0.5 SP		1 SP		1.5 SP		2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1240	1000	394	0.15	522	0.29	629	0.44	722	0.61	806	0.78	882	0.97						
1488	1200	415	0.19	538	0.35	638	0.52	727	0.70	809	0.89	884	1.10	953	1.30	1018	1.52		
1736	1400	438	0.24	556	0.42	653	0.61	738	0.81	815	1.02	888	1.24	956	1.46	1020	1.70	1081	1.94
1984	1600	462	0.30	576	0.50	670	0.71	752	0.93	827	1.15	896	1.39	962	1.63	1024	1.88	1084	2.15
2232	1800	487	0.36	598	0.59	689	0.82	769	1.06	842	1.31	909	1.56	972	1.82	1032	2.08	1090	2.36
2480	2000	514	0.43	622	0.69	710	0.95	787	1.21	858	1.47	924	1.75	985	2.02	1044	2.31	1099	2.60
2728	2200	541	0.52	646	0.80	732	1.08	808	1.36	877	1.65	940	1.94	1001	2.24	1058	2.55	1112	2.85
2976	2400	569	0.61	670	0.92	755	1.23	829	1.53	897	1.84	959	2.16	1018	2.48	1073	2.80	1127	3.13
3224	2600	598	0.73	696	1.05	779	1.39	852	1.72	918	2.05	979	2.39	1036	2.73	1091	3.07	1143	3.42
3472	2800	628	0.85	722	1.20	803	1.56	875	1.92	940	2.28	1000	2.63	1056	3.00	1110	3.36	1160	3.73
3720	3000	658	1.00	749	1.36	828	1.74	899	2.13	963	2.52	1022	2.90	1077	3.28	1130	3.67	1180	4.06
3968	3200	688	1.16	777	1.54	854	1.94	923	2.36	986	2.77	1044	3.18	1099	3.59	1150	4.00	1200	4.41
4216	3400	719	1.34	806	1.74	880	2.16	948	2.60	1010	3.04	1068	3.48	1121	3.91	1172	4.34	1220	4.78
4464	3600	750	1.54	835	1.96	907	2.40	973	2.86	1035	3.33	1091	3.79	1144	4.25	1194	4.71	1242	5.16
4712	3800	782	1.76	864	2.20	935	2.66	999	3.13	1059	3.63	1115	4.12	1168	4.61	1217	5.09	1264	5.57
4960	4000	813	2.00	893	2.47	963	2.94	1026	3.44	1085	3.95	1140	4.47	1192	4.95	1241	5.50	1287	6.01
5208	4200	845	2.26	923	2.75	991	3.25	1053	3.76	1110	4.29	1165	4.83	1216	5.38	1265	5.93	1311	6.46
5456	4400	878	2.55	953	3.06	1020	3.58	1080	4.12	1137	4.66	1190	5.22	1241	5.79	1289	6.37	1334	6.93
5704	4600	911	2.87	984	3.40	1049	3.94	1109	4.49	1163	5.06	1216	5.63	1266	6.23	1313	6.83	1358	7.43
5952	4800	943	3.21	1015	3.76	1079	4.32	1137	4.90	1191	5.48	1242	6.07	1291	6.68	1338	7.31	1382	7.93
		5 SP		6 SP		7 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
CFM	CV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1736	1400	1138	2.19																
1984	1600	1141	2.41	1247	2.97	1346	3.54												
2232	1800	1145	2.65	1250	3.23	1347	3.85	1439	4.48	1525	5.13								
2480	2000	1153	2.89	1255	3.52	1351	4.16	1441	4.83	1526	5.52	1607	6.23	1685	6.95	1759	7.69		
2728	2200	1164	3.17	1263	3.82	1356	4.49	1445	5.20	1529	5.92	1609	6.66	1686	7.42	1760	8.20	1830	8.99
2976	2400	1178	3.46	1274	4.14	1364	4.85	1451	5.58	1534	6.34	1613	7.12	1688	7.91	1761	8.72	1832	9.55
3224	2600	1193	3.78	1287	4.50	1376	5.23	1460	5.99	1540	6.78	1618	7.59	1693	8.42	1765	9.26	1834	10.12
3472	2800	1209	4.11	1302	4.87	1389	5.64	1471	6.44	1550	7.25	1626	8.08	1699	8.94	1770	9.82	1838	10.72
3720	3000	1227	4.45	1318	5.26	1404	6.08	1485	6.91	1562	7.75	1636	8.61	1707	9.50	1776	10.40	1844	11.33
3968	3200	1247	4.83	1336	5.67	1420	6.52	1500	7.40	1576	8.28	1648	9.18	1718	10.09	1786	11.02	1851	11.98
4216	3400	1267	5.22	1355	6.10	1437	7.00	1516	7.91	1590	8.84	1662	9.78	1731	10.72	1797	11.69	1861	12.66
4464	3600	1288	5.62	1374	6.55	1456	7.49	1532	8.44	1606	9.41	1677	10.39	1745	11.38	1810	12.38	1873	13.39
4712	3800	1309	6.06	1395	7.03	1475	8.01	1551	9.00	1623	10.01	1693	11.03	1760	12.06	1824	13.10	1887	14.15
4960	4000	1331	6.51	1416	7.53	1495	8.56	1570	9.59	1641	10.64	1709	11.69	1776	12.77	1840	13.85	1901	14.94
5208	4200	1354	6.99	1437	8.05	1516	9.12	1590	10.20	1660	11.29	1727	12.39	1792	13.50	1855	14.62	1917	15.76
5456	4400	1378	7.49	1460	8.60	1537	9.71	1610	10.84	1680	11.97	1746	13.11	1810	14.26	1872	15.42	1933	16.59
5704	4600	1401	8.01	1483	9.18	1559	10.33	1631	11.50	1700	12.68	1766	13.86	1829	15.05	1890	16.25	1949	17.46
5952	4800	1425	8.56	1506	9.78	1581	10.98	1652	12.19	1720	13.41	1786	14.64	1848	15.87	1909	17.11	1967	18.36
6200	5000	1449	9.12	1529	10.40	1604	11.66	1674	12.91	1741	14.17	1806	15.45	1868	16.73	1928	18.01	1986	19.30
6448	5200	1474	9.70	1553	11.04	1627	12.36	1697	13.66	1763	14.97	1827	16.28	1889	17.60	1948	18.93	2005	20.26
6696	5400	1498	10.30	1577	11.70	1651	13.08	1720	14.44	1786	15.79	1849	17.15	1909	18.51	1968	19.89	2025	21.26
6944	5600	1524	10.93	1601	12.39	1675	13.83	1743	15.25	1808	16.65	1871	18.05	1931	19.45	1989	20.87	2046	22.29
7192	5800	1549	11.60	1626	13.10	1698	14.60	1767	16.08	1831	17.53	1893	18.98	1953	20.43	2010	21.88	2066	23.35
7440	6000	1575	12.30	1651	13.84	1723	15.39	1790	16.93	1855	18.45	1916	19.95	1975	21.44	2032	22.94	2087	24.44
7688	6200	1601	13.03	1676	14.61	1747	16.21	1814	17.81	1878	19.39	1939	20.94	1998	22.49	2054	24.03	2109	25.58
7936	6400	1627	13.81	1701	15.41	1772	17.06	1838	18.72	1902	20.36	1963	21.97	2021	23.57	2077	25.16	2131	26.75
8184	6600	1654	14.62	1727	16.26	1796	17.94	1863	19.65	1926	21.35	1986	23.02	2044	24.68	2099	26.32	2153	27.96
		14 SP		15 SP		16 SP		17 SP		18 SP		19 SP		20 SP		21 SP		22 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3224	2600	1901	11.00	1966	11.89	2029	12.80	2091	13.72	2150	14.65	2208	15.59	2265	16.55				
3472	2800	1904	11.63	1969	12.56	2031	13.50	2092	14.45	2151	15.42	2209	16.40	2265	17.39	2320	18.39	2374	19.40
3720	3000	1909	12.28	1973	13.24	2035	14.21	2095	15.20	2153	16.20	2211	17.22	2267	18.25	2321	19.28	2375	20.33
3968	3200	1916	12.95	1978	13.95	2039	14.95	2099	15.98	2157	17.01	2213	18.06	2269	19.12	2323	20.20	2376	21.28
4216	3400	1924	13.66	1985	14.68	2045	15.72	2104	16.78	2161	17.84	2217	18.93	2272	20.02	2326	21.13	2378	22.25
4464	3600	1935	14.42	1995	1														

SIZE 295

TYPE RTA FAN

SHADED AREA SHOWN INDICATE HEAVY DUTY CONSTRUCTION.

WHEEL 29.625 in. dia. INLET 17.25 in. O.D. OUTLET 14.5 x 16.25 in. O.D.
7.76 ft. circ. 1.58 Sq. ft. area 1.59 Sq. ft. area

		0.5 SP		1 SP		1.5 SP		2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1590	1000	348	0.19	461	0.37	554	0.57	637	0.78	711	1.01	778	1.24						
1908	1200	366	0.25	474	0.45	563	0.67	641	0.90	713	1.15	779	1.41	841	1.68	898	1.96		
2226	1400	386	0.31	490	0.54	576	0.79	651	1.04	719	1.31	783	1.59	843	1.88	900	2.19	953	2.50
2544	1600	408	0.38	508	0.64	590	0.91	663	1.20	729	1.48	790	1.78	848	2.10	903	2.42	956	2.76
2862	1800	430	0.46	528	0.76	608	1.06	678	1.36	742	1.68	801	2.00	857	2.34	910	2.68	961	3.04
3180	2000	453	0.55	548	0.89	626	1.22	694	1.55	757	1.89	815	2.24	869	2.60	920	2.97	969	3.34
3498	2200	477	0.66	569	1.03	645	1.39	712	1.75	773	2.12	829	2.50	883	2.88	933	3.28	981	3.67
3816	2400	502	0.79	591	1.18	666	1.58	731	1.97	791	2.37	846	2.78	897	3.18	947	3.60	994	4.03
4134	2600	528	0.93	614	1.35	687	1.79	751	2.21	809	2.64	863	3.07	914	3.51	962	3.95	1008	4.40
4452	2800	554	1.10	637	1.54	709	2.00	772	2.47	829	2.93	882	3.39	932	3.85	979	4.32	1023	4.80
4770	3000	580	1.28	661	1.75	731	2.24	793	2.74	849	3.24	901	3.73	950	4.22	996	4.72	1040	5.22
5088	3200	607	1.49	685	1.98	753	2.50	814	3.03	870	3.57	921	4.09	969	4.61	1014	5.14	1058	5.67
5406	3400	634	1.72	711	2.24	776	2.78	836	3.34	891	3.91	942	4.47	989	5.03	1033	5.58	1076	6.14
5724	3600	661	1.98	736	2.52	800	3.09	858	3.67	912	4.28	962	4.88	1009	5.47	1053	6.05	1095	6.64
6042	3800	689	2.26	762	2.83	824	3.42	881	4.03	934	4.66	984	5.30	1030	5.93	1073	6.55	1115	7.17
6360	4000	717	2.57	768	3.17	849	3.79	905	4.42	957	5.08	1005	5.75	1051	6.42	1094	7.07	1135	7.72
6678	4200	746	2.91	814	3.54	874	4.18	928	4.84	979	5.52	1027	6.22	1072	6.92	1115	7.62	1156	8.31
6996	4400	774	3.28	841	3.94	900	4.61	953	5.29	1002	5.99	1049	6.71	1094	7.45	1136	8.19	1177	8.92
7314	4600	803	3.69	868	4.37	926	5.07	978	5.78	1026	6.50	1072	7.24	1116	8.01	1158	8.78	1198	9.55
7632	4800	832	4.13	895	4.84	951	5.56	1003	6.30	1050	7.05	1095	7.81	1138	8.60	1180	9.40	1219	10.20
		5 SP		6 SP		7 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
CFM	CV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2226	1400	1004	2.82																
2544	1600	1006	3.10	1100	3.81	1187	4.56												
2862	1800	1010	3.40	1102	4.16	1188	4.95	1269	5.76	1345	6.60								
3180	2000	1017	3.72	1107	4.52	1191	5.35	1271	6.21	1346	7.10	1417	8.01	1486	8.94	1551	9.89	1614	11.56
3498	2200	1026	4.07	1113	4.91	1196	5.78	1274	6.68	1348	7.61	1419	8.57	1487	9.54	1552	10.54		
3816	2400	1038	4.45	1123	5.33	1203	6.23	1279	7.18	1352	8.15	1422	9.15	1489	10.17	1553	11.22	1615	12.28
4134	2600	1052	4.86	1135	5.78	1213	6.73	1287	7.71	1358	8.71	1427	9.76	1493	10.82	1556	11.91	1617	13.02
4452	2800	1066	5.28	1148	6.26	1225	7.26	1298	8.28	1367	9.32	1433	10.39	1498	11.50	1560	12.63	1621	13.78
4770	3000	1082	5.73	1163	6.76	1238	7.81	1309	8.88	1377	9.97	1442	11.08	1505	12.21	1567	13.38	1626	14.57
5088	3200	1099	6.20	1178	7.29	1252	8.39	1323	9.52	1389	10.65	1453	11.80	1515	12.98	1575	14.18	1633	15.40
5406	3400	1117	6.71	1195	7.84	1267	9.00	1336	10.17	1403	11.37	1466	12.57	1526	13.79	1585	15.03	1642	16.29
5724	3600	1136	7.23	1212	8.43	1284	9.63	1351	10.86	1416	12.10	1479	13.37	1539	14.64	1596	15.92	1652	17.22
6042	3800	1154	7.79	1230	9.04	1301	10.30	1367	11.58	1431	12.87	1493	14.18	1552	15.51	1609	16.85	1664	18.20
6360	4000	1174	8.37	1248	9.68	1318	11.00	1384	12.33	1447	13.68	1507	15.04	1566	16.42	1622	17.81	1677	19.22
6678	4200	1194	8.99	1268	10.35	1337	11.73	1402	13.12	1464	14.52	1523	15.93	1581	17.35	1636	18.80	1690	20.26
6996	4400	1215	9.63	1287	11.06	1355	12.49	1420	13.94	1481	15.40	1540	16.86	1596	18.33	1651	19.82	1704	21.33
7314	4600	1236	10.31	1307	11.80	1374	13.29	1438	14.79	1499	16.31	1557	17.83	1613	19.35	1667	20.89	1719	22.45
7632	4800	1257	11.00	1328	12.57	1394	14.12	1457	15.68	1517	17.25	1575	18.83	1630	20.41	1683	22.00	1735	23.61
7950	5000	1278	11.72	1349	13.37	1414	14.99	1476	16.60	1536	18.22	1593	19.86	1648	21.51	1700	23.16	1751	24.81
8268	5200	1300	12.47	1370	14.20	1435	15.89	1496	17.57	1555	19.25	1611	20.93	1666	22.64	1718	24.35	1769	26.06
8586	5400	1321	13.25	1391	15.05	1456	16.82	1517	18.57	1575	20.31	1630	22.05	1684	23.80	1736	25.57	1786	27.34
8904	5600	1344	14.06	1412	15.93	1477	17.79	1537	19.60	1595	21.41	1650	23.21	1703	25.01	1754	26.83	1804	28.67
9222	5800	1366	14.91	1434	16.84	1498	18.78	1558	20.67	1615	22.55	1670	24.41	1722	26.27	1773	28.14	1822	30.03
9540	6000	1389	15.81	1456	17.79	1519	19.79	1579	21.78	1636	23.72	1690	25.65	1742	27.57	1792	29.50	1840	31.43
9858	6200	1412	16.76	1478	18.78	1541	20.85	1600	22.91	1656	24.93	1710	26.93	1762	28.92	1811	30.90	1859	32.89
10176	6400	1435	17.76	1500	19.82	1562	21.94	1621	24.07	1677	26.18	1731	28.25	1782	30.30	1831	32.35	1879	34.39
10494	6600	1459	18.80	1523	20.90	1584	23.07	1643	25.26	1698	27.45	1752	29.60	1802	31.73	1851	33.84	1899	35.95
		14 SP		15 SP		16 SP		17 SP		18 SP		19 SP		20 SP		21 SP		22 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4134	2600	1677	14.15	1734	15.29	1790	16.46	1844	17.64	1896	18.84	1947	20.05	1997	21.28				
4452	2800	1679	14.95	1736	16.15	1791	17.35	1845	18.58	1897	19.83	1948	21.08	1998	22.36	2046	23.65	2094	24.95
4770	3000	1684	15.79	1740	17.02	1794	18.28	1847	19.55	1899	20.84	1949	22.14	1999	23.46	2047	24.80	2094	26.15
5088	3200	1689	16.65	1744	17.93	1798	19.23	1851	20.54	1902	21.88	1952	23.23	2001	24.59	2049	25.97	2095	27.36
5406	3400	1697	17.57	1751	18.88	1804	20.21	1856	21.57	1906	22.95	1955	24.34	2004	25.75	2051	27.17	2097	28.61
5724	3600	1706	18.54	1759	19.88	1811													

SIZE 330

TYPE RTA FAN

SHADED AREA SHOWN INDICATE HEAVY DUTY CONSTRUCTION.

WHEEL 33 in. dia. INLET 19.25 in. O.D. OUTLET 16.125 x 18.0625 in. O.D.
8.64 ft. circ. 1.97 Sq. ft. area 1.97 Sq. ft. area

		0.5 SP		1 SP		1.5 SP		2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1970	1000	312	0.24	414	0.46	498	0.70	572	0.97	638	1.25	698	1.54						
2364	1200	329	0.31	426	0.56	505	0.83	576	1.12	640	1.43	699	1.75	755	2.09	806	2.43		
2758	1400	347	0.38	440	0.67	517	0.98	584	1.29	645	1.62	703	1.97	757	2.34	808	2.71	856	3.10
3152	1600	366	0.47	456	0.80	530	1.13	595	1.48	655	1.84	710	2.21	762	2.60	811	3.01	858	3.42
3546	1800	386	0.57	474	0.94	545	1.31	608	1.69	666	2.09	719	2.49	769	2.90	817	3.33	863	3.77
3940	2000	407	0.69	492	1.10	562	1.51	623	1.92	679	2.35	731	2.78	780	3.23	826	3.68	870	4.14
4334	2200	428	0.82	511	1.28	579	1.72	640	2.18	694	2.63	745	3.10	792	3.58	837	4.06	880	4.55
4728	2400	451	0.98	531	1.46	598	1.96	656	2.45	710	2.94	759	3.44	806	3.95	850	4.47	892	5.00
5122	2600	474	1.16	551	1.67	617	2.22	674	2.74	726	3.27	775	3.81	820	4.35	863	4.90	905	5.46
5516	2800	497	1.36	572	1.91	636	2.49	693	3.06	744	3.63	792	4.20	836	4.78	878	5.36	919	5.95
5910	3000	521	1.59	593	2.17	656	2.78	712	3.40	762	4.02	809	4.62	853	5.24	894	5.86	934	6.48
6304	3200	545	1.85	615	2.46	676	3.10	731	3.76	781	4.42	827	5.07	870	5.72	911	6.38	950	7.04
6698	3400	569	2.13	638	2.78	697	3.45	751	4.15	800	4.86	845	5.55	888	6.24	928	6.93	966	7.62
7092	3600	594	2.45	661	3.13	718	3.83	771	4.56	819	5.31	864	6.05	906	6.78	945	7.51	983	8.24
7486	3800	619	2.80	684	3.51	740	4.25	791	5.00	839	5.79	883	6.58	925	7.36	964	8.13	1001	8.89
7880	4000	644	3.19	707	3.93	762	4.70	812	5.48	859	6.30	902	7.13	944	7.96	982	8.78	1019	9.58
8274	4200	669	3.61	731	4.39	785	5.19	833	6.01	879	6.84	922	7.71	963	8.59	1001	9.46	1037	10.31
8668	4400	695	4.07	755	4.89	808	5.72	855	6.57	900	7.43	942	8.33	982	9.25	1020	10.16	1056	11.06
9062	4600	721	4.58	779	5.42	831	6.29	878	7.17	921	8.07	962	8.99	1002	9.94	1039	10.89	1075	11.85
9456	4800	747	5.12	803	6.00	854	6.90	900	7.81	943	8.74	983	9.69	1022	10.67	1059	11.66	1094	12.66
		5 SP		6 SP		7 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
CFM	CV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2758	1400	901	3.50																
3152	1600	903	3.85	987	4.73	1065	5.65												
3546	1800	907	4.22	989	5.16	1067	6.14	1139	7.15	1207	8.19								
3940	2000	913	4.62	993	5.61	1069	6.64	1141	7.71	1208	8.81	1272	9.93	1354	11.09	1393	12.27		
4334	2200	921	5.05	1000	6.09	1074	7.17	1144	8.29	1210	9.45	1274	10.63	1335	11.84	1393	13.08	1449	14.34
4728	2400	932	5.53	1008	6.61	1080	7.74	1149	8.91	1214	10.11	1277	11.35	1337	12.62	1394	13.92	1450	15.24
5122	2600	944	6.03	1019	7.18	1089	8.35	1156	9.56	1219	10.81	1281	12.10	1340	13.43	1397	14.78	1452	16.15
5516	2800	957	6.55	1031	7.77	1100	9.01	1165	10.27	1227	11.56	1287	12.89	1345	14.27	1401	15.67	1455	17.10
5910	3000	972	7.11	1044	8.39	1112	9.70	1176	11.02	1236	12.37	1295	13.74	1351	15.15	1406	16.60	1460	18.08
6304	3200	987	7.70	1058	9.04	1124	10.41	1187	11.81	1247	13.22	1305	14.65	1360	16.10	1414	17.59	1466	19.11
6698	3400	1003	8.32	1072	9.73	1138	11.16	1200	12.62	1259	14.10	1316	15.60	1370	17.11	1423	18.64	1474	20.21
7092	3600	1019	8.97	1088	10.46	1152	11.95	1213	13.47	1272	15.02	1328	16.58	1381	18.16	1433	19.75	1483	21.37
7486	3800	1036	9.66	1104	11.22	1168	12.79	1228	14.37	1285	15.97	1340	17.60	1393	19.25	1444	20.91	1494	22.58
7880	4000	1054	10.39	1121	12.01	1184	13.65	1243	15.30	1299	16.97	1353	18.66	1406	20.37	1456	22.10	1505	23.84
8274	4200	1072	11.15	1138	12.85	1200	14.56	1258	16.28	1314	18.02	1367	19.76	1419	21.53	1469	23.33	1517	25.14
8668	4400	1091	11.95	1156	13.72	1217	15.50	1275	17.30	1330	19.10	1382	20.92	1433	22.75	1482	24.60	1530	26.47
9062	4600	1109	12.79	1174	14.64	1234	16.49	1291	18.35	1346	20.23	1398	22.12	1448	24.01	1496	25.92	1543	27.85
9456	4800	1128	13.65	1192	15.60	1252	17.52	1308	19.45	1362	21.40	1414	23.36	1463	25.33	1511	27.30	1558	29.29
9850	5000	1147	14.54	1211	16.59	1270	18.60	1325	20.60	1379	22.61	1430	24.65	1479	26.69	1526	28.73	1572	30.79
10244	5200	1167	15.47	1230	17.62	1288	19.72	1343	21.80	1396	23.88	1446	25.97	1495	28.09	1542	30.21	1588	32.33
10638	5400	1186	16.44	1249	18.68	1307	20.87	1362	23.04	1414	25.20	1463	27.36	1512	29.54	1558	31.73	1603	33.93
11032	5600	1206	17.45	1268	19.77	1326	22.07	1380	24.33	1432	26.56	1481	28.80	1529	31.04	1575	33.30	1619	35.57
11426	5800	1226	18.51	1287	20.90	1345	23.30	1399	25.65	1450	27.98	1499	30.29	1546	32.60	1591	34.92	1636	37.26
11820	6000	1247	19.62	1307	22.08	1364	24.56	1417	27.02	1468	29.43	1517	31.83	1563	34.21	1609	36.60	1652	39.00
12214	6200	1267	20.80	1327	23.31	1383	25.87	1436	28.42	1487	30.94	1535	33.42	1581	35.88	1626	38.34	1669	40.81
12608	6400	1288	22.03	1347	24.59	1402	27.22	1455	29.86	1506	32.48	1554	35.05	1600	37.60	1644	40.14	1687	42.68
13002	6600	1310	23.33	1367	25.94	1422	28.62	1475	31.35	1525	34.06	1572	36.73	1618	39.37	1662	41.99	1704	44.60
		14 SP		15 SP		16 SP		17 SP		18 SP		19 SP		20 SP		21 SP		22 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5122	2600	1505	17.55	1557	18.98	1607	20.42	1655	21.89	1702	23.37	1748	24.88	1793	26.40				
5516	2800	1508	18.55	1559	20.03	1608	21.53	1656	23.06	1703	24.60	1749	26.16	1793	27.74	1837	29.34	1879	30.96
5910	3000	1511	19.59	1562	21.12	1611	22.68	1658	24.26	1705	25.86	1750	27.47	1794	29.11	1838	30.77	1880	32.44
6304	3200	1517	20.67	1566	22.25	1614	23.86	1661	25.49	1707	27.14	1752	28.82	1796	30.51	1839	32.22	1881	33.96
6698	3400	1523	21.80	1572	23.42	1619	25.08	1666	26.77	1711	28.47	1755	30.20	1799	31.95	1841	33.71	1883	35.50
7092	3600	1532	23.01	1579															

SIZE 365

TYPE RTA FAN

SHADED AREA SHOWN INDICATE HEAVY DUTY CONSTRUCTION.

WHEEL 36.50 in. dia. INLET 21.25 in. O.D. OUTLET 17.8125 x 22 in. O.D.
9.56 ft. circ. 2.40 Sq. ft. area 2.41 Sq. ft. area

		0.5 SP		1 SP		1.5 SP		2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2410	1000	280	0.29	372	0.55	448	0.84												
2892	1200	296	0.37	382	0.67	454	1.00	518	1.34	576	1.70								
3374	1400	313	0.47	395	0.81	464	1.17	525	1.55	581	1.95	633	2.36	682	2.77				
3856	1600	331	0.57	410	0.97	476	1.37	535	1.78	588	2.21	638	2.66	686	3.12	730	3.60	773	4.07
4338	1800	350	0.70	427	1.14	490	1.58	547	2.04	598	2.50	647	2.99	692	3.49	735	4.00	777	4.52
4820	2000	369	0.84	444	1.34	506	1.82	560	2.32	610	2.82	657	3.34	701	3.87	743	4.42	783	4.98
5302	2200	389	1.01	462	1.55	522	2.09	575	2.63	624	3.17	669	3.73	711	4.29	752	4.88	791	5.47
5784	2400	410	1.20	480	1.79	539	2.38	591	2.96	638	3.55	682	4.15	724	4.75	763	5.36	801	5.99
6266	2600	431	1.42	499	2.05	557	2.69	608	3.33	654	3.96	697	4.60	737	5.24	776	5.90	812	6.56
6748	2800	453	1.67	519	2.34	575	3.03	625	3.72	670	4.40	712	5.08	752	5.77	789	6.46	825	7.16
7230	3000	475	1.94	539	2.66	594	3.39	643	4.14	687	4.87	728	5.60	767	6.33	804	7.06	839	7.81
7712	3200	497	2.25	559	3.02	613	3.79	661	4.58	705	5.37	745	6.16	783	6.93	819	7.70	854	8.49
8194	3400	520	2.60	580	3.41	632	4.23	679	5.06	722	5.90	763	6.74	800	7.57	835	8.38	869	9.21
8676	3600	544	2.98	601	3.84	652	4.70	698	5.58	741	6.46	780	7.35	817	8.24	852	9.11	885	9.97
9158	3800	568	3.41	622	4.31	672	5.22	718	6.13	759	7.06	798	8.00	834	8.94	869	9.87	902	10.78
9640	4000	592	3.88	644	4.81	693	5.77	737	6.73	778	7.70	816	8.69	852	9.68	886	10.66	919	11.63
10122	4200	616	4.40	666	5.36	713	6.37	757	7.38	797	8.39	835	9.42	870	10.45	904	11.49	936	12.52
10604	4400	640	4.96	689	5.96	735	7.02	777	8.07	817	9.13	854	10.19	889	11.27	922	12.36	954	13.44
11086	4600	665	5.57	711	6.61	756	7.71	797	8.80	836	9.91	873	11.02	907	12.14	940	13.27	971	14.40
11568	4800	690	6.24	734	7.31	778	8.45	818	9.59	856	10.74	892	11.89	926	13.05	959	14.23	989	15.41
		5 SP		6 SP		7 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
CFM	CV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4338	1800	816	5.05	891	6.11														
4820	2000	821	5.55	894	6.72	963	7.90												
5302	2200	829	6.08	900	7.32	967	8.59	1030	9.89	1090	11.18								
5784	2400	838	6.63	907	7.95	972	9.30	1034	10.68	1093	12.09	1150	13.50	1204	14.91				
6266	2600	848	7.23	916	8.61	979	10.04	1040	11.50	1098	12.98	1153	14.50	1207	16.02	1258	17.54		
6748	2800	860	7.87	926	9.32	988	10.81	1047	12.34	1104	13.90	1158	15.49	1211	17.11	1261	18.74	1310	20.38
7230	3000	873	8.55	937	10.07	998	11.63	1056	13.23	1112	14.86	1165	16.53	1216	18.22	1266	19.93	1314	21.67
7712	3200	887	9.28	950	10.87	1009	12.50	1066	14.16	1121	15.86	1173	17.60	1223	19.36	1272	21.15	1319	22.96
8194	3400	902	10.04	964	11.72	1022	13.42	1077	15.15	1131	16.91	1182	18.72	1232	20.55	1279	22.41	1326	24.30
8676	3600	917	10.84	978	12.61	1035	14.39	1090	16.19	1142	18.02	1192	19.89	1241	21.79	1288	23.72	1334	25.68
9158	3800	933	11.70	993	13.54	1049	15.41	1103	17.29	1154	19.19	1203	21.12	1251	23.08	1297	25.08	1342	27.11
9640	4000	950	12.60	1008	14.52	1064	16.47	1117	18.44	1167	20.42	1215	22.42	1262	24.45	1308	26.50	1352	28.60
10122	4200	967	13.54	1025	15.56	1079	17.58	1131	19.63	1181	21.70	1228	23.78	1274	25.88	1319	28.00	1362	30.15
10604	4400	984	14.52	1041	16.64	1095	18.75	1146	20.88	1195	23.03	1242	25.19	1287	27.37	1331	29.56	1374	31.78
11086	4600	1001	15.53	1058	17.77	1111	19.98	1161	22.18	1210	24.41	1256	26.66	1301	28.92	1344	31.19	1386	33.48
11568	4800	1019	16.59	1075	18.94	1128	21.25	1178	23.55	1225	25.85	1271	28.18	1315	30.53	1358	32.88	1399	35.24
12050	5000	1037	17.69	1093	20.15	1145	22.58	1194	24.97	1241	27.36	1286	29.76	1329	32.18	1372	34.63	1413	37.08
12532	5200	1055	18.85	1110	21.41	1162	23.95	1211	26.45	1257	28.93	1301	31.41	1344	33.90	1386	36.43	1427	38.97
13014	5400	1074	20.06	1128	22.71	1179	25.36	1228	27.97	1274	30.55	1318	33.12	1360	35.70	1401	38.29	1441	40.91
13496	5600	1093	21.33	1146	24.07	1197	26.81	1245	29.54	1291	32.24	1334	34.90	1376	37.56	1416	40.23	1456	42.92
13978	5800	1112	22.66	1165	25.48	1215	28.32	1262	31.16	1308	33.97	1351	36.74	1392	39.49	1432	42.25	1471	45.01
14460	6000	1131	24.06	1183	26.96	1233	29.89	1280	32.83	1325	35.75	1368	38.63	1409	41.49	1448	44.33	1487	47.18
14942	6200	1150	25.53	1202	28.51	1251	31.52	1298	34.55	1342	37.58	1385	40.58	1426	43.54	1465	46.48	1503	49.42
15424	6400	1169	27.06	1221	30.12	1270	33.22	1316	36.34	1360	39.47	1402	42.58	1443	45.66	1482	48.70	1519	51.73
15906	6600	1189	28.66	1240	31.81	1288	34.98	1334	38.19	1378	41.41	1419	44.63	1460	47.82	1499	50.98	1536	54.10
		14 SP		15 SP		16 SP		17 SP		18 SP		19 SP		20 SP		21 SP		22 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6748	2800	1358	22.02	1403	23.66														
7230	3000	1361	23.42	1406	25.17	1450	26.92	1493	28.67										
7712	3200	1365	24.80	1410	26.65	1453	28.51	1496	30.38	1537	32.24	1578	34.10						
8194	3400	1371	26.21	1415	28.14	1458	30.09	1500	32.05	1541	34.03	1581	36.00	1620	37.97	1658	39.95	1695	41.92
8676	3600	1378	27.66	1421	29.66	1463	31.69	1504	33.73	1545	35.79	1584	37.87	1623	39.96	1661	42.04	1698	44.12
9158	3800	1386	29.16	1428	31.24	1470	33.33	1510	35.45	1550	37.59	1589	39.74	1627	41.91	1665	44.10	1701	46.29
9640	4000	1395	30.72	1437	32.86	1478	35.03	1518	37.22	1557	39.43	1595	41.66	1632	43.90	1669	46.16	1706	48.44
10122	4200	1405	32.33	1446	34.55	1486	36.78	1526	39.04	1564	41.32	1602	43.62	1639	45.94	1675	48.28	1711	50.63
10604	4400	1415	34.02	1456	36.29	1496</													

SIZE 400

TYPE RTA FAN

SHADED AREA SHOWN INDICATE HEAVY DUTY CONSTRUCTION.

WHEEL 40 in. dia. INLET 23.375 in. O.D. OUTLET 19.625 x 22 in. O.D.
10.47 ft. circ. 2.88 Sq. ft. area 2.90 Sq. ft. area

		0.5 SP		1 SP		1.5 SP		2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2900	1000	256	0.35	339	0.67	409	1.01												
3480	1200	270	0.45	349	0.81	415	1.20	473	1.61	526	2.04								
4060	1400	286	0.56	361	0.97	423	1.40	479	1.86	530	2.34	578	2.83	622	3.33				
4640	1600	302	0.69	374	1.16	434	1.64	488	2.14	537	2.66	583	3.20	626	3.75	666	4.32	705	4.89
5220	1800	319	0.84	389	1.37	447	1.90	499	2.44	546	3.01	590	3.59	632	4.19	671	4.80	709	5.43
5800	2000	337	1.01	405	1.61	461	2.19	511	2.79	557	3.39	599	4.01	640	4.65	678	5.31	714	5.98
6380	2200	355	1.21	422	1.86	476	2.51	525	3.15	569	3.81	610	4.48	649	5.16	686	5.85	722	6.57
6960	2400	374	1.44	438	2.15	492	2.86	539	3.56	582	4.26	623	4.98	660	5.71	696	6.44	731	7.20
7540	2600	393	1.71	456	2.46	508	3.23	555	4.00	597	4.76	636	5.52	673	6.30	708	7.08	741	7.87
8120	2800	413	2.00	473	2.81	525	3.64	570	4.47	612	5.29	650	6.10	686	6.93	720	7.76	753	8.60
8700	3000	433	2.33	492	3.20	542	4.08	587	4.97	627	5.85	665	6.73	700	7.60	733	8.48	766	9.38
9280	3200	454	2.71	510	3.63	559	4.56	603	5.50	643	6.45	680	7.39	715	8.32	747	9.25	779	10.19
9860	3400	475	3.12	529	4.10	577	5.08	620	6.08	659	7.09	696	8.09	730	9.09	762	10.07	793	11.06
10440	3600	496	3.58	548	4.61	595	5.65	637	6.70	676	7.76	712	8.83	746	9.89	777	10.94	808	11.98
11020	3800	518	4.10	568	5.17	613	6.26	655	7.37	693	8.48	728	9.61	761	10.74	793	11.85	823	12.95
11600	4000	540	4.66	588	5.78	632	6.93	673	8.09	710	9.25	745	10.43	778	11.62	809	12.80	838	13.97
12180	4200	562	5.28	608	6.44	651	7.65	691	8.86	727	10.08	762	11.31	794	12.55	825	13.80	854	15.04
12760	4400	584	5.96	628	7.16	670	8.43	709	9.69	745	10.96	779	12.24	811	13.53	841	14.84	870	16.14
13340	4600	607	6.70	649	7.94	690	9.26	728	10.57	763	11.90	796	13.23	828	14.57	858	15.93	886	17.30
13920	4800	629	7.50	670	8.78	710	10.14	746	11.52	781	12.90	814	14.29	845	15.68	875	17.09	903	18.50
		5 SP		6 SP		7 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
CFM	CV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5220	1800	745	6.06	813	7.34														
5800	2000	750	6.67	816	8.07	879	9.48												
6380	2200	756	7.30	821	8.79	882	10.32	940	11.88	995	13.43								
6960	2400	764	7.97	828	9.55	887	11.17	944	12.83	997	14.52	1049	16.21	1098	17.91				
7540	2600	774	8.68	836	10.34	894	12.06	949	13.81	1002	15.59	1052	17.41	1101	19.24	1148	21.07		
8120	2800	785	9.45	845	11.19	902	12.98	956	14.82	1007	16.70	1057	18.61	1105	20.55	1151	22.51	1196	24.48
8700	3000	797	10.27	855	12.09	911	13.96	964	15.89	1014	17.85	1063	19.85	1110	21.88	1155	23.94	1199	26.02
9280	3200	809	11.14	867	13.06	921	15.01	973	17.01	1023	19.05	1070	21.14	1116	23.25	1161	25.40	1204	27.58
9860	3400	823	12.06	879	14.08	932	16.12	983	18.19	1032	20.31	1079	22.48	1124	24.68	1167	26.92	1210	29.18
10440	3600	837	13.02	892	15.14	945	17.28	994	19.45	1042	21.64	1088	23.88	1132	26.17	1175	28.49	1217	30.8

SIZE 451

TYPE RTA FAN

SHADED AREA SHOWN INDICATE HEAVY DUTY CONSTRUCTION.

WHEEL 45.125 in. dia. INLET 26.375 in. O.D. OUTLET 22.125 x 24.8125 in. O.D.
11.81 ft. circ. 3.68 Sq. ft. area 3.69 Sq. ft. area

		0.5 SP		1 SP		1.5 SP		2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3690	1000	227	0.44	301	0.85	362	1.29												
4428	1200	239	0.57	309	1.03	368	1.52	419	2.05	466	2.59								
5166	1400	253	0.71	320	1.24	375	1.79	425	2.37	470	2.98	512	3.60	551	4.24				
5904	1600	268	0.88	332	1.48	385	2.09	432	2.72	476	3.38	516	4.07	554	4.77	591	5.50	625	6.22
6642	1800	283	1.07	345	1.75	397	2.42	442	3.11	484	3.83	523	4.57	560	5.33	595	6.11	628	6.91
7380	2000	298	1.29	359	2.04	409	2.79	453	3.55	493	4.31	531	5.10	567	5.92	601	6.76	633	7.61
8118	2200	315	1.55	374	2.37	422	3.20	465	4.01	504	4.85	541	5.70	575	6.56	608	7.45	640	8.36
8856	2400	331	1.84	389	2.73	436	3.64	478	4.53	516	5.43	552	6.34	585	7.26	617	8.20	648	9.16
9554	2600	349	2.17	404	3.13	451	4.11	492	5.09	529	6.05	564	7.03	596	8.01	627	9.01	657	10.02
10332	2800	366	2.55	420	3.58	465	4.63	506	5.69	542	6.73	576	7.76	608	8.82	638	9.88	668	10.95
11070	3000	384	2.97	436	4.07	480	5.19	520	6.32	556	7.45	589	8.56	620	9.67	650	10.80	679	11.93
11808	3200	402	3.44	452	4.62	496	5.80	535	7.00	570	8.21	603	9.41	633	10.59	663	11.77	690	12.97
12546	3400	421	3.97	469	5.21	511	6.47	550	7.73	584	9.02	617	10.30	647	11.56	676	12.82	703	14.07
13284	3600	440	4.56	486	5.87	527	7.19	565	8.52	599	9.88	631	11.24	661	12.59	689	13.92	716	15.25
14022	3800	459	5.21	503	6.58	544	7.97	580	9.38	614	10.79	645	12.23	675	13.66	703	15.08	729	16.48
14760	4000	478	5.93	521	7.36	560	8.82	596	10.29	629	11.77	660	13.28	689	14.79	717	16.30	743	17.78
15498	4200	498	6.72	539	8.20	577	9.74	612	11.28	645	12.83	675	14.39	704	15.97	731	17.56	757	19.14
16236	4400	518	7.58	557	9.11	594	10.72	628	12.33	660	13.95	690	15.58	719	17.22	746	18.88	771	20.54
16974	4600	538	8.52	575	10.10	611	11.78	645	13.46	676	15.14	706	16.84	734	18.55	760	20.28	786	22.01
17712	4800	558	9.54	594	11.17	629	12.91	662	14.66	693	16.42	722	18.18	749	19.95	775	21.74	800	23.55
		5 SP		6 SP		7 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
CFM	CV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6642	1800	660	7.72	721	9.34														
7380	2000	664	8.48	723	10.26	779	12.07												
8118	2200	670	9.29	728	11.19	782	13.14	833	15.11	882	17.09								
8856	2400	678	10.14	734	12.15	786	14.22	836	16.33	884	18.48	930	20.63	974	22.79				
9554	2600	686	11.05	741	13.17	792	15.34	841	17.57	888	19.84	933	22.16	976	24.49	1017	26.82		
10332	2800	696	12.03	749	14.24	799	16.53	847	18.86	893	21.25	937	23.68	979	26.15	1020	28.65	1060	31.15
11070	3000	706	13.08	758	15.39	807	17.77	854	20.22	899	22.72	942	25.26	984	27.84	1024	30.46	1063	33.12
11808	3200	717	14.18	768	16.62	816	19.10	862	21.64	906	24.25	949	26.90	989	29.59	1029	32.33	1067	35.10
12546	3400	729	15.34	779	17.92	827	20.10	871	23.15	915	25.85	956	28.61	996	31.41	1035	34.26	1072	37.14
13284	3600	742	16.57	791	19.27	837	22.00	881	24.75	924	27.54	964	30.40	1004	33.30	1042	36.26	1079	39

SIZE 505

TYPE RTA FAN

SHADED AREA SHOWN INDICATE HEAVY DUTY CONSTRUCTION.

WHEEL 50.5 in. dia. INLET 29.375 in. O.D. OUTLET 24.625 x 27.6875 in. O.D.
13.22 ft. circ. 4.58 Sq. ft. area 4.62 Sq. ft. area

		0.5 SP		1 SP		1.5 SP		2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4620	1000	203	0.56	269	1.06	324	1.61												
5544	1200	214	0.71	276	1.29	328	1.91	375	2.57	417	3.25								
6468	1400	226	0.89	286	1.55	335	2.24	380	2.97	420	3.73	457	4.51	493	5.31				
7392	1600	239	1.10	297	1.85	344	2.61	386	3.41	425	4.24	461	5.10	495	5.98	528	6.88	558	7.79
8316	1800	253	1.34	308	2.19	354	3.03	395	3.90	432	4.79	467	5.72	500	6.67	531	7.65	561	8.65
9240	2000	267	1.62	321	2.56	365	3.49	405	4.44	441	5.40	475	6.39	507	7.42	537	8.46	566	9.53
10164	2200	281	1.94	334	2.97	377	4.00	416	5.03	451	6.08	483	7.13	514	8.22	544	9.33	572	10.47
11088	2400	296	2.30	347	3.42	390	4.56	427	5.67	461	6.80	493	7.94	523	9.09	552	10.27	579	11.47
12012	2600	312	2.72	361	3.92	403	5.15	439	6.37	472	7.58	504	8.80	533	10.04	561	11.28	587	12.55
12936	2800	327	3.19	375	4.48	416	5.80	452	7.12	484	8.43	515	9.72	543	11.04	571	12.37	596	13.71
13860	3000	343	3.72	389	5.10	429	6.50	465	7.92	497	9.33	526	10.72	554	12.11	581	13.52	607	14.95
14784	3200	360	4.31	404	5.78	443	7.26	478	8.77	509	10.29	539	11.78	566	13.26	592	14.74	617	16.25
15708	3400	376	4.97	419	6.53	457	8.10	491	9.69	522	11.30	551	12.90	578	14.48	604	16.05	628	17.62
16632	3600	393	5.71	434	7.35	471	9.00	505	10.67	535	12.37	564	14.08	591	15.77	616	17.43	640	19.09
17556	3800	410	6.53	450	8.24	486	9.99	519	11.74	549	13.52	577	15.32	603	17.11	628	18.89	652	20.64
18480	4000	428	7.43	466	9.21	501	11.05	533	12.89	562	14.75	590	16.63	616	18.52	641	20.41	664	22.27
19404	4200	445	8.42	482	10.27	516	12.19	547	14.12	576	16.06	603	18.02	629	20.01	653	21.99	677	23.97
20328	4400	463	9.50	498	11.41	531	13.43	562	15.44	590	17.47	617	19.51	642	21.57	666	23.65	689	25.73
21252	4600	481	10.67	514	12.65	546	14.75	576	16.85	604	18.97	631	21.09	656	23.23	679	25.40	702	27.57
22176	4800	499	11.95	531	13.99	562	16.17	591	18.36	619	20.56	645	22.77	669	24.99	693	27.23	715	29.49
		5 SP		6 SP		7 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
CFM	CV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
8316	1800	590	9.66	644	11.70														
9240	2000	594	10.62	646	12.86	696	15.11												
10164	2200	599	11.63	650	14.01	699	16.45	744	18.93	788	21.41								
11088	2400	605	12.70	655	15.22	703	17.80	747	20.45	790	23.14	831	25.84	870	28.54				
12012	2600	613	13.84	662	16.49	708	19.21	752	22.01	793	24.85	833	27.75	872					

SIZE 575

TYPE RTA FAN

SHADED AREA SHOWN INDICATE HEAVY DUTY CONSTRUCTION.

WHEEL 57.5 in. dia. INLET 33.375 in. O.D. OUTLET 28 x 31.5 in. O.D.
15.05 ft. circ. 5.94 Sq. ft. area 5.99 Sq. ft. area

		0.5 SP		1 SP		1.5 SP		2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5990	1000	178	0.72	236	1.38	284	2.09												
7188	1200	188	0.92	243	1.67	289	2.47	329	3.33	366	4.21								
8386	1400	199	1.16	251	2.01	294	2.90	333	3.85	369	4.83	402	5.85	433	6.88				
9584	1600	210	1.42	260	2.40	302	3.39	339	4.42	374	5.49	405	6.61	435	7.75	464	8.92	490	10.10
10782	1800	222	1.73	271	2.84	311	3.93	347	5.05	380	6.21	410	7.41	439	8.65	467	9.92	493	11.21
11980	2000	234	2.09	282	3.32	321	4.53	356	5.76	387	7.01	417	8.29	445	9.61	472	10.97	497	12.36
13178	2200	247	2.51	293	3.85	331	5.19	365	6.52	396	7.88	424	9.25	452	10.65	477	12.10	502	13.58
14376	2400	260	2.99	305	4.43	342	5.91	375	7.36	405	8.81	433	10.29	459	11.79	484	13.31	508	14.87
15574	2600	274	3.53	317	5.08	354	6.68	386	8.26	415	9.83	442	11.41	468	13.01	492	14.63	516	16.27
16772	2800	287	4.14	329	5.81	365	7.51	397	9.24	425	10.92	452	12.61	477	14.31	501	16.04	524	17.78
17970	3000	301	4.82	342	6.61	377	8.42	408	10.27	436	12.10	462	13.90	487	15.70	510	17.53	533	19.38
19168	3200	316	5.59	355	7.49	389	9.41	420	11.37	447	13.34	473	15.28	497	17.19	520	19.11	542	21.06
20366	3400	330	6.45	368	8.46	401	10.50	431	12.56	459	14.65	484	16.73	508	18.77	530	20.81	552	22.85
21564	3600	345	7.40	381	9.53	414	11.67	443	13.84	470	16.04	495	18.25	519	20.44	541	22.60	562	24.75
22762	3800	360	8.46	395	10.69	427	12.95	455	15.22	482	17.53	507	19.86	530	22.19	552	24.49	572	26.76
23960	4000	376	9.63	409	11.95	440	14.32	468	16.71	494	19.12	518	21.56	541	24.01	563	26.46	583	28.87
25158	4200	391	10.91	423	13.31	453	15.81	480	18.31	506	20.82	530	23.37	552	25.94	574	28.51	594	31.07
26356	4400	406	12.31	437	14.79	466	17.41	493	20.02	518	22.65	542	25.29	564	27.97	585	30.66	605	33.36
27554	4600	422	13.84	452	16.40	480	19.13	506	21.85	531	24.59	554	27.34	576	30.12	597	32.92	617	35.74
28752	4800	438	15.49	466	18.13	494	20.96	519	23.81	543	26.65	566	29.52	588	32.40	608	35.31	628	38.24
		5 SP		6 SP		7 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
CFM	CV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
10782	1800	518	12.53	566	15.17														
11980	2000	521	13.77	568	16.67	611	19.59												
13178	2200	526	15.08	571	18.16	614	21.33	654	24.54	692	27.76								
14376	2400	532	16.46	576	19.73	617	23.08	656	26.51	694	30.00	730	33.50	764	37.01				
15574	2600	538	17.94	581	21.31	622	24.91	660	28.53	697	32.22	732	35.98	766	39.76	798	43.54		
16772	2800	546	19.53	588	23.12	627	26.83	665	30.63	701	34.51	735	38.45	768	42.46	801	46.52	832	50.58
17																			

SIZE 643

TYPE RTA FAN

SHADED AREA SHOWN INDICATE HEAVY DUTY CONSTRUCTION.

WHEEL64.375 in. dia.
16.85 ft. circ.

INLET37.5 in. O.D.
7.46 Sq. ft. area

OUTLET31.375 x 35.1875 in. O.D.
7.51 Sq. ft. area

		0.5 SP		1 SP		1.5 SP		2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7510	1000	159	0.90	211	1.72	254	2.62												
9012	1200	168	1.15	217	2.09	258	3.10	294	4.17	327	5.20								
10514	1400	177	1.45	224	2.52	263	3.64	298	4.82	329	6.06	359	7.34	386	8.63				
12016	1600	188	1.79	233	3.01	270	4.25	303	5.54	334	6.89	362	8.28	389	9.72	414	11.18	438	12.66
13518	1800	198	2.17	242	3.55	278	4.93	310	6.33	339	7.78	367	9.29	392	10.85	417	12.43	440	14.06
15020	2000	209	2.63	252	4.16	287	5.68	318	7.21	346	8.78	372	10.39	397	12.05	421	13.75	444	15.49
16522	2200	221	3.15	262	4.82	296	6.51	326	8.17	354	9.87	379	11.59	403	13.35	426	15.16	449	17.02
18028	2400	232	3.74	272	5.56	306	7.41	335	9.22	362	11.05	387	12.90	410	14.78	433	16.69	454	18.64
19526	2600	244	4.42	283	6.37	316	8.37	345	10.36	371	12.32	395	14.30	418	16.31	440	18.34	461	20.39
21028	2800	257	5.18	294	7.28	326	9.42	354	11.58	380	13.69	404	15.80	426	17.94	448	20.10	468	22.28
22530	3000	269	6.04	305	8.29	337	10.56	364	12.87	390	15.16	413	17.42	435	19.68	456	21.97	476	24.29
24032	3200	282	7.01	317	9.39	348	11.80	375	14.25	400	16.72	423	19.15	444	21.55	464	23.98	484	26.40
25534	3400	295	8.06	329	10.61	358	13.16	385	15.74	410	18.36	432	20.97	454	23.53	474	26.08	493	28.64
27036	3600	308	9.28	341	11.94	370	14.63	396	17.34	420	20.10	442	22.88	463	25.62	483	28.33	502	31.03
28538	3800	322	10.61	353	13.40	381	16.23	407	19.08	430	21.97	452	24.89	473	27.81	493	30.70	511	33.55
30040	4000	335	12.07	365	14.97	393	17.95	418	20.95	441	23.96	463	27.02	483	30.10	503	33.18	521	36.19
31542	4200	349	13.68	378	16.69	404	19.81	429	22.95	452	26.10	473	29.29	493	32.51	512	35.74	531	38.95
33044	4400	363	15.43	390	18.54	416	21.82	441	25.09	463	28.39	484	31.70	504	35.06	523	38.43	541	41.81
34546	4600	377	17.34	403	20.56	429	23.97	452	27.39	474	30.82	495	34.27	514	37.75	533	41.27	551	44.80
36048	4800	391	19.41	416	22.73	441	26.27	464	29.84	485	33.41	506	37.00	525	40.61	543	44.25	561	47.93
		5 SP		6 SP		7 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
CFM	CV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
13518	1800	463	15.71	505	19.01														
15020	2000	466	17.27	507	20.89	546	24.56												
16522	2200	470	18.90	510	22.77	548	26.73	584	30.76	618	34.79								
18028	2400	475	20.64	514	24.73	551	28.93	586	33.23	620	37.61	652	41.99	682	46.38				
19526	2600	481	22.49	519	26.79	555	31.22	590	35.76	622									

SIZE 711

TYPE RTA FAN

SHADED AREA SHOWN INDICATE HEAVY DUTY CONSTRUCTION.

WHEEL 71.25 in. dia.
18.65 ft. circ.

INLET 41.5 in. O.D.
9.16 Sq. ft. area

OUTLET 34.8125 x 38.9375 in. O.D.
9.20 Sq. ft. area

		0.5 SP		1 SP		1.5 SP		2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9200	1000	144	1.11	191	2.11	230	3.21												
11040	1200	152	1.41	196	2.56	233	3.80	266	5.11	295	6.47								
12880	1400	160	1.78	203	3.09	238	4.46	269	5.91	298	7.42	324	8.99	349	10.57				
14720	1600	169	2.19	210	3.68	244	5.20	274	6.78	301	8.43	327	10.15	351	11.90	374	13.70	396	15.50
16560	1800	179	2.66	219	4.35	251	6.04	280	7.76	306	9.54	331	11.38	355	13.29	377	15.23	398	17.22
18400	2000	189	3.22	227	5.10	259	6.95	287	8.84	313	10.76	336	12.73	359	14.76	381	16.85	401	18.98
20240	2200	199	3.85	237	5.91	267	7.97	295	10.01	319	12.09	343	14.20	364	16.36	385	18.58	405	20.84
22080	2400	210	4.58	246	6.81	276	9.07	303	11.29	327	13.53	349	15.81	371	18.10	391	20.44	410	22.83
23920	2600	221	5.42	256	7.81	285	10.26	311	12.69	335	15.09	357	17.52	378	19.98	397	22.46	416	24.98
25760	2800	232	6.35	266	8.92	295	11.54	320	14.18	343	16.77	365	19.36	385	21.98	404	24.63	423	27.29
27600	3000	243	7.40	276	10.15	304	12.93	329	15.77	352	18.58	373	21.34	393	24.11	412	26.92	430	29.75
29440	3200	255	8.58	286	11.51	314	14.46	339	17.46	361	20.48	382	23.45	401	26.40	420	29.35	437	32.34
31280	3400	267	9.90	297	13.00	324	16.12	348	19.28	370	22.49	391	25.68	410	28.83	428	31.95	445	35.08
33120	3600	279	11.37	308	14.63	334	17.92	358	21.25	379	24.63	400	28.02	419	31.39	436	34.71	453	38.01
34960	3800	291	13.00	319	16.41	344	19.88	368	23.37	389	26.91	409	30.49	427	34.07	445	37.60	462	41.10
36800	4000	303	14.79	330	18.34	355	21.99	378	25.66	399	29.35	418	33.10	437	36.87	454	40.63	471	44.33
38640	4200	315	16.75	341	20.44	365	24.27	388	28.11	408	31.97	428	35.88	446	39.82	463	43.78	480	47.71
40480	4400	328	18.90	353	22.72	376	26.73	398	30.74	418	34.77	437	38.83	455	42.94	472	47.08	488	51.22
42320	4600	341	21.24	364	25.18	387	29.37	408	33.55	428	37.75	447	41.98	465	46.24	482	50.55	498	54.88
44160	4800	353	23.78	376	27.84	398	32.19	419	36.55	439	40.93	457	45.32	474	49.74	491	54.21	507	58.71
		5 SP		6 SP		7 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
CFM	CV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
16560	1800	418	19.24	456	23.29														
18400	2000	421	21.15	458	25.59	493	30.08												
20240	2200	424	23.15	461	27.89	495	32.75	528	37.68	558	42.62								
22080	2400	429	25.28	465	30.29	498	35.44	530	40.71	560	46.07	589	51.44	617	56.82				
23920	2600	434	27.55	469	32.82	502													

SIZE 781

TYPE RTA FAN

SHADED AREA SHOWN INDICATE HEAVY DUTY CONSTRUCTION.

WHEEL 78.25 in. dia. INLET 45.5 in. O.D. OUTLET 38.1875 x 42.75 in. O.D.
20.49 ft. circ. 11.04 Sq. ft. area 11.10 Sq. ft. area

		0.5 SP		1 SP		1.5 SP		2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9990	900	127	1.16	172	2.30	207	3.50												
11100	1000	131	1.33	174	2.55	209	3.87												
12210	1100	134	1.52	176	2.82	210	4.23	240	5.68										
13320	1200	138	1.71	178	3.09	212	4.57	242	6.16	268	7.78								
15540	1400	146	2.15	184	3.71	216	5.38	245	7.12	271	8.95	295	10.85	316	12.64				
17760	1600	154	2.65	191	4.43	222	6.27	250	8.19	275	10.20	298	12.21	320	14.39	341	16.52	359	18.62
19980	1800	163	3.22	199	5.27	229	7.27	255	9.38	279	11.49	302	13.76	323	16.02	343	18.35	362	20.80
22200	2000	172	3.88	207	6.16	236	8.41	261	10.65	285	12.97	306	15.37	327	17.82	347	20.34	365	22.90
24420	2200	181	4.65	216	7.14	243	9.62	268	12.08	291	14.61	312	17.15	332	19.70	351	22.39	369	25.13
26640	2400	191	5.54	224	8.19	251	10.95	276	13.64	298	16.31	318	19.04	338	21.86	356	24.65	374	27.54
28860	2600	201	6.63	233	9.39	260	12.40	284	16.35	306	18.23	326	21.16	344	24.07	362	27.13	379	30.08
31080	2800	211	7.68	242	10.77	268	13.92	292	17.14	313	20.24	332	23.36	351	26.54	368	29.66	385	32.88
33300	3000	222	8.94	251	12.26	277	15.61	300	19.07	320	22.42	340	25.74	358	29.10	375	32.48	391	35.86
35520	3200	232	10.33	261	13.88	286	17.44	308	21.09	329	24.79	348	28.32	365	31.86	382	35.41	398	39.05
37740	3400	243	11.92	271	15.70	296	19.41	317	23.22	337	27.23	366	31.11	373	34.86	389	38.55	405	42.34
39960	3600	254	13.73	280	17.66	304	21.61	326	25.59	346	29.78	364	33.87	381	37.94	397	41.95	413	45.88
42180	3800	265	15.72	290	19.76	313	23.96	335	28.24	364	32.44	372	36.84	389	41.11	405	45.45	421	49.70
44400	4000	276	17.88	300	22.11	323	26.58	344	30.93	363	35.40	381	39.93	397	44.53	413	49.06	429	53.63
46620	4200	287	20.23	311	24.62	333	29.23	353	33.92	372	38.53	389	43.32	406	48.05	422	52.93	437	57.67
48840	4400	299	22.78	321	27.44	343	32.31	362	37.08	381	41.99	398	46.89	415	51.90	430	56.91	445	62.00
51060	4600	310	25.64	332	30.32	353	35.43	372	40.41	390	45.49	407	50.65	423	55.73	438	61.03	453	66.23
53280	4800	322	28.73	342	33.63	363	38.88	382	44.08	399	49.33	416	54.62	432	59.95	447	65.51	461	70.80
		5 SP		6 SP		7 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
CFM	CV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
19980	1800	381	23.19	413	27.80														
22200	2000	383	25.47	417	30.83	447	36.07												
24420	2200	387	27.97	420	33.67	451	39.56	480	45.32	505	50.96								

SIZE 851

TYPE RTA FAN

SHADED AREA SHOWN INDICATE HEAVY DUTY CONSTRUCTION.

WHEEL85.25 in. dia.
22.32 ft. circ.

INLET49.50 in. O.D.
13.09 Sq. ft. area

OUTLET41.5 x 46.625 in. O.D.
13.17 Sq. ft. area

		0.5 SP		1 SP		1.5 SP		2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11850	900	117	1.38	158	2.73	190	4.16												
13170	1000	120	1.58	159	3.02	192	4.59												
14490	1100	123	1.80	161	3.34	193	5.02	220	6.74										
15800	1200	127	2.03	164	3.66	194	5.43	222	7.31	246	9.23								
18440	1400	134	2.55	169	4.41	199	6.38	225	8.45	249	10.63	271	12.87	290	15.00				
21070	1600	142	3.14	176	5.26	204	7.44	229	9.73	252	12.11	273	14.49	294	17.08	313	19.61	330	22.10
23710	1800	150	3.82	183	6.25	210	8.63	234	11.13	256	13.64	277	16.33	296	19.01	315	21.78	333	24.69
26340	2000	158	4.60	190	7.31	217	9.99	240	12.63	261	15.39	281	18.25	300	21.15	318	24.14	335	27.18
28970	2200	167	5.51	198	8.48	223	11.42	246	14.33	267	17.34	286	20.36	304	23.38	322	26.58	339	29.82
31610	2400	176	6.58	206	9.72	231	12.99	253	16.19	273	19.36	292	22.60	310	25.95	327	29.25	343	32.69
34240	2600	185	7.75	214	11.15	238	14.71	260	18.22	280	21.64	298	25.11	316	28.57	332	32.20	348	35.70
36880	2800	194	9.11	222	12.78	246	16.52	268	20.34	287	24.03	305	27.72	322	31.50	338	35.20	353	39.02
39510	3000	203	10.61	231	14.55	254	18.53	275	22.64	294	26.61	312	30.55	328	34.54	344	38.56	359	42.56
42140	3200	213	12.26	239	16.47	262	20.70	283	25.03	302	29.42	319	33.61	335	37.82	351	42.02	366	46.35
44780	3400	223	14.14	248	18.63	271	23.03	291	27.56	310	32.32	327	36.92	343	41.36	358	45.76	372	50.26
47410	3600	233	16.30	257	20.96	279	25.65	299	30.37	317	35.34	334	40.20	350	45.03	365	49.79	379	54.46
50050	3800	243	18.65	266	23.45	288	28.44	307	33.52	325	38.51	342	43.72	357	48.80	372	53.95	386	58.99
52680	4000	253	21.22	276	26.24	297	31.54	316	36.72	333	42.01	349	47.39	365	52.85	379	58.23	393	63.65
55310	4200	264	24.01	285	29.23	305	34.70	324	40.26	341	45.73	358	51.41	372	57.04	387	62.82	401	68.45
57950	4400	274	27.04	295	32.57	315	38.34	333	44.01	350	49.84	366	55.65	381	61.60	395	67.55	408	73.59
60580	4600	285	30.43	304	35.99	324	42.05	341	47.97	358	53.99	374	60.12	388	66.15	402	72.43	416	78.61
63220	4800	295	34.10	314	39.80	333	46.15	350	52.32	366	58.55	382	64.83	396	71.16	411	77.76	423	84.04
		5 SP		6 SP		7 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
CFM	CV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
23710	1800	349	27.52	379	33.00														
26340	2000	352	30.24	383	36.59	411	42.81												
28970	2200	355	33.19	385	39.97	414	46.95	440	53.79	464	60.48								

SIZE 933

TYPE RTA FAN

SHADED AREA SHOWN INDICATE HEAVY DUTY CONSTRUCTION.

WHEEL93.75 in. dia.
24.54 ft. circ.

INLET54.625 in. O.D.
15.89 Sq. ft. area

OUTLET45.5 x 51.125 in. O.D.
15.93 Sq. ft. area

		0.5 SP		1 SP		1.5 SP		2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
14340	900	106	1.67	143	3.30	173	5.03												
15930	1000	109	1.91	145	3.66	174	5.56												
17520	1100	112	2.18	147	4.04	176	6.07	201	8.16										
19120	1200	115	2.46	149	4.43	177	6.56	202	8.83	224	11.16								
22300	1400	122	3.09	154	5.33	181	7.72	204	10.22	226	12.85	246	15.57	264	18.14				
26490	1600	129	3.80	160	6.36	185	9.00	208	11.76	229	14.64	248	17.53	267	20.65	284	23.71	300	26.73
28670	1800	136	4.62	166	7.56	191	10.43	213	13.46	233	16.49	252	19.75	269	22.99	286	26.34	303	29.86
31860	2000	144	5.56	173	8.84	197	12.08	218	15.28	237	18.61	256	22.07	273	25.57	289	29.19	305	32.87
36050	2200	151	6.67	180	10.26	203	13.81	224	17.33	243	20.97	260	24.62	277	28.28	293	32.14	308	36.07
38230	2400	160	7.95	187	11.76	210	15.71	230	19.58	248	23.41	266	27.33	282	31.38	297	35.38	312	39.53
41420	2600	168	9.38	194	13.48	217	17.79	237	22.03	255	26.17	271	30.37	287	34.55	302	38.94	316	43.18
44600	2800	176	11.02	202	15.45	224	19.97	243	24.60	261	29.06	277	33.53	293	38.10	307	42.57	321	47.19
47790	3000	185	12.83	210	17.60	231	22.41	250	27.38	267	32.18	283	36.94	299	41.77	313	46.63	327	51.47
50980	3200	193	14.82	218	19.92	239	25.03	257	30.28	274	35.58	290	40.64	305	45.74	319	50.82	332	56.06
54160	3400	202	17.10	226	22.54	246	27.86	264	33.33	281	39.09	297	44.65	311	50.02	326	55.34	338	60.78
57360	3600	212	19.71	234	25.35	254	31.02	272	38.73	288	42.74	304	48.61	318	54.45	332	60.21	345	65.86
60530	3800	221	22.56	242	28.36	262	34.39	280	40.53	296	46.57	311	52.88	325	59.02	338	65.24	351	71.34
63720	4000	230	25.67	251	31.73	270	38.15	287	44.40	303	50.81	318	57.31	332	63.91	345	70.42	358	76.98
66910	4200	240	29.04	259	35.35	278	41.96	295	48.69	310	55.30	325	62.18	339	68.98	352	75.97	364	82.78
70090	4400	249	32.70	268	39.38	286	46.37	303	53.23	318	60.27	332	67.30	346	74.49	359	81.69	371	88.99
73280	4600	259	36.80	277	43.53	294	50.85	310	68.01	326	65.29	340	72.71	353	80.00	366	87.60	378	96.07
76460	4800	269	41.24	286	48.13	303	55.81	318	63.27	333	70.80	347	78.40	361	86.05	373	94.03	385	101.60
		5 SP		6 SP		7 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
CFM	CV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
28670	1800	318	33.28	345	39.91														
31860	2000	320	36.67	348	44.25	373	51.77												
35050	2200	323	40.14	350	48.33	376	56.78	400	65.06	422	73.14								
38230	2400	326	43.83	353	52.46	378	61.34	403	70.48	426	79.79	446	88.49						
41420	2600	330	47.70	357	56.88	381	66.13	405	75.86	427	85.73	449	95.59	469	105.50	487	114.90		
44600	2800	335	51.94	361	61.52	385	71.29	408	81.33	430	91.74	451	102.10	471	113.00	491	123.60	509	134.20
47790	3000	340	56.43	365	66.38	389	76.68	411	87.21	433	98.13	454	109.00	473	120.10	493	131.50	512	142.90
50980	3200	345	61.21	370	71.72	393	82.34	415	93.37	436	104.80	457	116.10	476	127.70	495	139.60	514	151.40
54160	3400	351	66.32	375	77.40	398	88.55	419	99.84	440	111.70	460	123.50	480	135.80	498	147.70	516	160.40
57350	3600	357	71.59	381	83.20	403	94.86	424	106.90	445	119.00	464	131.20	483	143.80	501	156.60	519	169.20
60630	3800	363	77.24	387	89.40	408	101.60	429	114.10	449	126.60	468	139.30	487	152.30	505	165.40	522	178.80
63720	4000	370	83.32	392	95.77	414	108.70	435	121.70	454	134.70	473	147.80	491	161.20	509	175.00	526	188.80
66910	4200	376	89.58	399	102.90	420	116.00	440	129.50	460	143.20	478	156.70	496	170.60	514	184.70	530	198.80
70090	4400	383	96.01	405	109.90	426	123.90	446	137.80	465	151.90	484	166.20	501	180.40	518	194.90	535	209.70
73280	4600	390	102.60	412	117.40	433	131.90	452	146.30	471	161.20	489	175.80	507	190.80	523	206.70	540	220.80
76460	4800	397	109.60	419	125.10	439	140.50	459	155.70	477	170.60	495	186.00	512	201.40	529	217.00	545	232.40
79360	5000	404	116.80	426	133.30	446	149.30	465	165.00	483	180.70	501	196.50	517	212.10	534	228.50	550	244.70
82840	5200	411	124.30	432	141.30	452	158.30	471	174.90	489	191.10	507	207.10	523	223.50	540	240.20	556	257.20
86020	5400	418	132.40	439	149.90	459	167.50	478	185.00	496	202.10	513	219.00	529	235.70	546	252.70	561	269.90
92390	5800	433	149.60	454	168.30	473	187.20	491	205.90	509	224.80	526	243.00	542	260.80	568	278.90	573	297.00
98770	6200	448	188.40	468	188.00	487	208.00	505	228.50	522	248.30	539	268.40	555	288.10	570	307.20	585	326.40
105140	6600	463	189.00	483	209.70	501	230.70	519	252.20	537	273.90	552	294.70	568	316.30	584	337.30	598	357.60
		14 SP		15 SP		16 SP		17 SP		18 SP		19 SP		20 SP		21 SP		22 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
44600	2800	526	144.30																
47790	3000	529	154.30	546	165.50	562	176.20	577	187.20										
50980	3200	531	163.60	549	175.90	566	188.10	581	199.90	596	211.50	610	222.80						
54160	3400	534	173.00	551	185.70	568	198.60	584	211.20	600	224.40	614	237.10	628	248.90	642			

SIZE 1041

TYPE RTA FAN

SHADED AREA SHOWN INDICATE HEAVY DUTY CONSTRUCTION.

WHEEL104.25 in. dia.
27.29 ft. circ.

INLET60.625 in. O.D.
19.62 Sq. ft. area

OUTLET50.75 x 57 in. O.D.
19.70 Sq. ft. area

		0.5 SP		1 SP		1.5 SP		2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
17730	900	96	2.07	129	4.08	155	6.22												
19700	1000	98	2.36	130	4.52	157	6.87												
21670	1100	101	2.69	132	5.00	158	7.50	180	10.08										
23640	1200	104	3.04	134	5.48	159	8.12	181	10.92	201	13.81								
27580	1400	110	3.82	138	6.59	162	9.55	184	12.64	203	15.89	222	19.25	237	22.43				
31520	1600	116	4.69	144	7.87	167	11.13	187	14.54	206	18.11	223	21.67	240	25.54	256	29.32	270	33.06
35460	1800	123	5.72	150	9.35	172	12.90	192	16.65	209	20.39	227	24.42	242	28.43	257	32.57	272	36.92
39400	2000	129	6.88	155	10.93	177	14.93	196	18.89	214	23.02	230	27.29	245	31.62	260	36.10	274	40.65
43340	2200	136	8.25	162	12.68	183	17.08	201	21.43	218	25.93	234	30.44	249	34.97	263	39.75	277	44.60
47280	2400	144	9.83	168	14.54	189	19.43	207	24.21	223	28.95	239	33.79	263	38.81	267	43.76	280	48.88
51220	2600	151	11.60	175	16.67	195	22.00	213	27.25	229	32.37	244	37.55	258	42.73	272	48.15	284	53.39
55160	2800	159	13.63	182	19.11	201	24.70	219	30.42	235	35.93	249	41.46	263	47.11	276	52.64	289	58.36
59100	3000	166	15.87	189	21.76	208	27.71	225	33.85	241	39.80	255	45.68	269	51.65	281	57.66	294	63.64
63040	3200	174	18.33	196	24.63	215	30.95	231	37.44	247	43.99	261	50.26	274	56.55	287	62.84	299	69.31
66980	3400	182	21.15	203	27.87	221	34.45	238	41.22	253	48.33	267	55.22	280	61.85	292	68.43	304	75.16
70920	3600	190	24.37	210	31.34	228	38.35	244	45.42	259	52.85	273	60.11	286	67.33	298	74.46	310	81.44
74860	3800	199	27.89	218	35.07	235	42.53	251	50.12	266	57.69	279	65.38	292	72.98	304	80.68	316	88.21
78800	4000	207	31.74	225	39.24	243	47.17	258	54.91	272	62.82	286	70.87	298	79.03	310	87.08	322	95.19
82740	4200	216	35.91	233	43.71	250	51.89	265	60.21	279	68.38	292	76.88	305	85.29	317	93.95	328	102.40
86680	4400	224	40.43	241	48.70	257	57.34	272	65.82	286	74.53	299	83.22	311	92.11	323	101.00	334	110.00
90620	4600	233	45.51	249	53.82	265	62.88	279	71.73	293	80.73	306	89.91	318	98.93	329	108.30	340	117.60
94560	4800	242	50.99	257	59.52	272	69.01	286	78.24	300	87.55	312	96.95	324	106.40	336	116.30	346	125.70
		5 SP		6 SP		7 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
CFM	CV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
35460	1800	286	41.16	310	49.35														
39400	2000	287	45.22	313	54.71	336	64.02												
43340	2200	290	49.64	315	59.77	339	70.21	360	80.45	379	90.44								
47280	2400	293	54.20	318	64.87	340	75.85	362	87.15	383	98.66	401	109.40						
51220	2600	297	58.99	321	70.34	343	81.78	364	93.80	384	106.00	404	118.20	422	130.50	438	142.10		
55160	2800	301	64.23	324	76.07	346	88.15	367	100.60	387	113.40	405	126.30	424	139.70	442	152.90	458	165.90
59100	3000	306	69.78	328	82.08	349	94.82	370	107.80	389	121.30	408	134.80	426	148.80	443	162.60	460	176.80
63040	3200	311	75.68	333	88.69	353	101.80	373	115.50	392	129.50	411	143.60	428	157.90	445	172.60	462	187.30
66980	3400	316	82.01	338	95.71	358	109.50	377	123.60	396	138.10	414	152.70	431	167.90	448	182.70	464	198.30
70920	3600	321	88.52	342	102.90	362	117.30	382	132.20	400	147.10	417	162.20	434	177.90	451	193.60	467	209.80
74860	3800	327	95.52	348	110.50	367	125.60	386	141.10	404	156.60	421	172.20	438	188.40	454	204.50	470	221.10
78800	4000	333	103.00	353	118.40	373	134.40	391	150.50	409	166.50	425	182.70	442	199.40	458	216.40	473	233.40
82740	4200	339	110.80	359	127.20	378	143.50	396	160.10	413	177.10	430	193.80	446	210.90	462	228.40	477	245.80
86680	4400	345	118.70	364	135.90	383	153.20	401	170.40	418	187.90	435	205.50	451	223.10	466	241.00	481	259.40
90620	4600	350	126.80	370	145.20	389	163.10	406	180.90	424	199.30	440	217.40	456	235.90	471	254.30	485	273.00
94560	4800	357	135.50	376	154.70	395	173.70	412	192.50	429	211.00	445	230.00	460	249.00	475	268.30	490	287.40
98500	5000	363	144.50	383	164.90	401	184.60	418	204.00	434	223.50	450	243.00	465	262.30	480	282.60	495	302.60
102440	5200	369	153.70	389	174.80	407	195.70	424	216.30	440	236.30	456	256.10	471	276.40	485	297.10	500	318.00
106380	5400	376	163.70	395	185.40	413	207.10	430	228.80	446	249.90	461	278.80	476	291.50	491	312.50	505	333.70
114260	5800	389	185.00	408	208.10	425	231.50	442	254.50	458	278.00	473	300.40	487	322.60	501	344.80	515	367.30
122140	6200	403	208.20	421	232.50	438	257.20	454	282.50	470	307.10	485	331.90	499	356.20	513	379.90	526	403.70
130020	6600	416	233.70	434	259.30	451	285.20	467	311.80	482	338.70	497	364.40	511	391.20	525	417.10	538	442.20
		14 SP		15 SP		16 SP		17 SP		18 SP		19 SP		20 SP		21 SP		22 SP	
CFM	OV	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
55160	2800	473	178.40																
59100	3000	476	190.80	491	204.60	505	217.90	519	231.60										
63040	3200	478	202.20	494	217.50	509	232.60	523	247.20	536	261.50	549	275.50						
66980	3400	480	213.90	495	229.60	510	245.60	525	261.20	539</									