

AmericanAirFilter® Type K Exhausters

Engineering Data

Supplement to Bulletin APC-1-531

Performance Data

Size 7 Nominal Inlet O.D.

Inlet Diameter	6 3/4"
Inlet Area	0.249 sq. ft.
Outlet Dimensions	51 3/32" x 7 7/32"
Outlet Area	0.271 sq. ft.
Wheel Diameter	12"
Maximum R.P.M.	4770
Approx. Weight	80 lbs.

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	1		2		3		4		5	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
400	1476	0.136	1218	0.096	1661	0.191	2017	0.294				
500	1845	0.212	1270	0.126	1694	0.239	2037	0.359	2335	0.48	2602	0.62
600	2213	0.306	1329	0.162	1739	0.292	2070	0.429	2359	0.57	2619	0.72
700	2582	0.416			1792	0.352	2113	0.507	2394	0.67	2646	0.83
800	2951	0.543			1850	0.421	2163	0.593	2436	0.77	2683	0.96
900	3320	0.688			1913	0.501	2219	0.689	2485	0.88	2726	1.09
1000	3689	0.849			1980	0.593	2278	0.796	2539	1.01	2776	1.23
1100	4058	1.03					2342	0.917	2598	1.15	2829	1.38
1200	4427	1.22					2408	1.05	2659	1.30	2887	1.55
1300	4796	1.43					2476	1.21	2724	1.46	2947	1.73

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	6		7		8		9		10	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
500	1845	0.212	2848	0.752								
600	2213	0.306	2858	0.874	3080	1.03	3289	1.19	3488	1.36	3676	1.53
700	2582	0.416	2879	1.00	3096	1.18	3301	1.36	3495	1.54	3680	1.73
800	2951	0.543	2910	1.14	3123	1.34	3323	1.53	3512	1.73	3694	1.94
900	3320	0.688	2949	1.29	3157	1.50	3352	1.72	3539	1.93	3716	2.15
1000	3689	0.849	2993	1.45	3197	1.68	3389	1.91	3572	2.14	3746	2.38
1100	4058	1.03	3043	1.62	3243	1.87	3431	2.12	3611	2.37	3782	2.62
1200	4427	1.22	3096	1.81	3293	2.07	3478	2.33	3655	2.60	3823	2.88
1300	4796	1.43	3154	2.00	3347	2.28	3529	2.57	3703	2.86	3869	3.15
1400	5165	1.66	3214	2.22	3404	2.52	3584	2.82	3755	3.12	3918	3.43
1500	5534	1.91	3276	2.45	3464	2.77	3641	3.08	3809	3.40	3971	3.73
1600	5903	2.17	3341	2.71	3526	3.03	3701	3.37	3867	3.71	4026	4.05

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	11		12		13		14		15	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
800	2951	0.543	3867	2.14	4034	2.35	4196	2.57	4352	2.78	4503	3.00
900	3320	0.688	3887	2.38	4051	2.60	4209	2.83	4363	3.07	4511	3.30
1000	3689	0.849	3914	2.62	4075	2.87	4231	3.12	4381	3.37	4528	3.62
1100	4058	1.03	3947	2.88	4105	3.14	4258	3.41	4407	3.68	4551	3.95
1200	4427	1.22	3985	3.15	4141	3.43	4292	3.72	4438	4.00	4580	4.29
1300	4796	1.43	4028	3.44	4182	3.74	4331	4.04	4475	4.34	4614	4.65
1400	5165	1.66	4075	3.74	4227	4.06	4373	4.37	4515	4.70	4653	5.02
1500	5534	1.91	4126	4.06	4275	4.39	4420	4.73	4560	5.07	4696	5.41
1600	5903	2.17	4179	4.40	4327	4.75	4469	5.10	4608	5.45	4742	5.81

Note: Shaded area indicates range of optimum performance.

Type K Exhausters

Size 9 Nominal Inlet O.D.

Inlet Diameter	8 3/4"
Inlet Area	0.418 sq. ft.
Outlet Dimensions	6 7/8" x 9"
Outlet Area	0.424 sq. ft.
Wheel Diameter	14 7/8"
Maximum R.P.M.	3860
Approx. Weight	135 lbs.

Performance Data

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	1		2		3		4		5	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
800	1888	0.222	1029	0.203	1371	0.382	1646	0.573	1885	0.77	2100	0.98
900	2124	0.281	1060	0.239	1393	0.435	1663	0.643	1897	0.86	2108	1.09
1000	2360	0.347	1093	0.279	1419	0.492	1683	0.718	1913	0.95	2120	1.20
1100	2596	0.420	1127	0.325	1447	0.554	1706	0.797	1932	1.05	2136	1.31
1200	2832	0.500			1477	0.622	1731	0.882	1954	1.15	2154	1.43
1300	3068	0.587			1508	0.695	1759	0.973	1977	1.26	2175	1.56
1400	3304	0.681			1541	0.777	1788	1.07	2003	1.38	2198	1.69
1500	3540	0.781			1575	0.866	1818	1.17	2030	1.50	2222	1.83
1600	3776	0.889			1610	0.965	1850	1.29	2059	1.63	2249	1.97
1700	4012	1.00					1882	1.41	2089	1.76	2277	2.13
1800	4248	1.13					1916	1.54	2121	1.91	2306	2.29
1900	4484	1.25					1951	1.68	2153	2.06	2336	2.46
2000	4720	1.39					1986	1.84	2186	2.23	2367	2.64
			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	6		7		8		9		10	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
800	1888	0.222	2298	1.20								
900	2124	0.281	2302	1.32	2483	1.56	2653	1.81				
1000	2360	0.347	2311	1.45	2489	1.70	2656	1.97	2815	2.24		
1100	2596	0.420	2323	1.58	2498	1.85	2663	2.13	2820	2.42	2969	2.71
1200	2832	0.500	2339	1.72	2511	2.01	2674	2.31	2828	2.61	2975	2.92
1300	3068	0.587	2357	1.86	2527	2.17	2687	2.48	2839	2.80	2985	3.13
1400	3304	0.681	2377	2.01	2545	2.34	2703	2.67	2853	3.01	2997	3.35
1500	3540	0.781	2400	2.17	2565	2.51	2721	2.86	2870	3.22	3012	3.58
1600	3776	0.889	2424	2.33	2587	2.69	2742	3.06	2888	3.43	3028	3.81
1700	4012	1.00	2449	2.50	2611	2.88	2764	3.27	2909	3.66	3047	4.05
1800	4248	1.13	2476	2.68	2636	3.08	2787	3.48	2931	3.89	3068	4.30
1900	4484	1.25	2505	2.87	2663	3.28	2812	3.70	2954	4.13	3090	4.56
2000	4720	1.39	2534	3.07	2691	3.50	2838	3.94	2979	4.38	3113	4.83
			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	11		12		13		14		15	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1100	2596	0.420	3112	3.01								
1200	2832	0.500	3116	3.23	3252	3.55	3383	3.88				
1300	3068	0.587	3124	3.46	3258	3.80	3387	4.14	3513	4.49	3634	4.84
1400	3304	0.681	3135	3.70	3267	4.05	3395	4.41	3519	4.78	3639	5.14
1500	3540	0.781	3148	3.94	3279	4.32	3405	4.69	3528	5.07	3646	5.46
1600	3776	0.889	3163	4.20	3292	4.58	3418	4.98	3539	5.38	3656	5.78
1700	4012	1.00	3180	4.45	3308	4.86	3432	5.27	3552	5.69	3669	6.11
1800	4248	1.13	3199	4.72	3326	5.15	3449	5.57	3567	6.01	3683	6.44
1900	4484	1.25	3220	5.00	3346	5.44	3467	5.89	3585	6.34	3699	6.79
2000	4720	1.39	3242	5.28	3366	5.74	3487	6.21	3603	6.67	3716	7.15

Note: Shaded area indicates range of optimum performance.

Type K Exhausters

Size 11 Nominal Inlet O.D.

Inlet Diameter	10 $\frac{3}{4}$ "
Inlet Area	0.630 sq. ft.
Outlet Dimensions	8 $\frac{1}{4}$ " x 11"
Outlet Area	0.631 sq. ft.
Wheel Diameter	18 $\frac{1}{8}$ "
Maximum R.P.M.	3160
Approx. Weight	195 lbs.

Performance Data

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	1		2		3		4		5	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1600	2538	0.402	918	0.466	1182	0.801	1395	1.16	1582	1.53	1749	1.91
1700	2697	0.454	937	0.517	1198	0.866	1409	1.24	1593	1.63	1759	2.02
1800	2856	0.509			1214	0.935	1423	1.33	1605	1.73	1769	2.15
1900	3014	0.567			1232	1.01	1438	1.42	1618	1.84	1781	2.27
2000	3173	0.628			1250	1.09	1454	1.51	1632	1.95	1793	2.40
2100	3332	0.692			1268	1.17	1470	1.61	1646	2.07	1806	2.54
2200	3491	0.760			1287	1.26	1487	1.71	1661	2.19	1820	2.67
2300	3649	0.830			1306	1.35	1504	1.82	1677	2.31	1834	2.82
2400	3808	0.904			1325	1.46	1522	1.94	1693	2.44	1849	2.97
2500	3967	0.981					1540	2.06	1710	2.58	1864	3.12
2600	4125	1.06					1558	2.19	1727	2.72	1880	3.28
2700	4284	1.14					1577	2.32	1744	2.87	1896	3.44
2800	4443	1.23					1596	2.46	1762	3.03	1913	3.62

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	6		7		8		9		10	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1600	2538	0.402	1904	2.30	2048	2.70	2184	3.11	2313	3.53	2435	3.96
1700	2697	0.454	1912	2.43	2055	2.85	2189	3.28	2317	3.72	2438	4.16
1800	2856	0.509	1921	2.57	2062	3.01	2195	3.46	2322	3.91	2442	4.37
1900	3014	0.567	1931	2.72	2071	3.17	2203	3.63	2328	4.11	2447	4.58
2000	3173	0.628	1941	2.86	2080	3.33	2211	3.82	2335	4.30	2454	4.80
2100	3332	0.692	1953	3.01	2090	3.50	2220	4.00	2343	4.51	2461	5.02
2200	3491	0.760	1965	3.17	2102	3.68	2230	4.19	2352	4.72	2469	5.25
2300	3649	0.830	1978	3.33	2113	3.86	2241	4.39	2362	4.93	2478	5.48
2400	3808	0.904	1992	3.50	2126	4.04	2252	4.59	2372	5.15	2487	5.72
2500	3967	0.981	2006	3.67	2139	4.23	2264	4.80	2384	5.37	2498	5.96
2600	4125	1.06	2021	3.85	2153	4.42	2277	5.01	2395	5.60	2509	6.21
2700	4284	1.14	2036	4.03	2167	4.62	2290	5.23	2408	5.84	2520	6.46
2800	4443	1.23	2051	4.22	2181	4.83	2304	5.45	2421	6.08	2532	6.72

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	11		12		13		14		15	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1600	2538	0.402	2553	4.40								
1700	2697	0.454	2555	4.62	2667	5.08	2775	5.55				
1800	2856	0.509	2558	4.84	2669	5.32	2776	5.81				
1900	3014	0.567	2562	5.07	2672	5.57	2779	6.07	2882	6.58		
2000	3173	0.628	2567	5.31	2677	5.82	2782	6.34	2885	6.87	2984	7.40
2100	3332	0.692	2574	5.55	2682	6.08	2787	6.61	2889	7.16	2987	7.71
2200	3491	0.760	2581	5.79	2689	6.34	2793	6.89	2893	7.45	2991	8.02
2300	3649	0.830	2589	6.04	2696	6.60	2799	7.17	2899	7.75	2996	8.34
2400	3808	0.904	2598	6.29	2704	6.87	2806	7.46	2906	8.06	3002	8.66
2500	3967	0.981	2607	6.55	2712	7.15	2814	7.76	2913	8.37	3009	8.99
2600	4125	1.06	2617	6.82	2722	7.43	2823	8.06	2921	8.69	3016	9.32
2700	4284	1.14	2628	7.09	2732	7.72	2832	8.36	2930	9.01	3024	9.66
2800	4443	1.23	2639	7.36	2743	8.01	2843	8.67	2939	9.34	3033	10.0

Note: Shaded area indicates range of optimum performance.

Type K Exhausters

Size 13 Nominal Inlet O.D.

Inlet Diameter	12¾"
Inlet Area	0.889 sq. ft.
Outlet Dimensions	9½" x 13"
Outlet Area	0.892 sq. ft.
Wheel Diameter	21½"
Maximum R.P.M.	2685
Approx. Weight	345 lbs.

Performance Data

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	1		2		3		4		5	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1500	1682	0.176	699	0.370	942	0.715	1137	1.08	1307	1.47	1459	1.88
1750	1963	0.240	723	0.450	958	0.839	1149	1.25	1314	1.68	1463	2.13
2000	2243	0.314	749	0.543	978	0.975	1164	1.43	1325	1.91	1471	2.40
2250	2523	0.397	777	0.653	1001	1.12	1182	1.63	1340	2.15	1483	2.68
2500	2804	0.490			1025	1.29	1203	1.83	1358	2.40	1497	2.98
2750	3084	0.593			1051	1.47	1225	2.06	1377	2.67	1514	3.29
3000	3365	0.706			1078	1.68	1249	2.31	1399	2.96	1534	3.63
3250	3645	0.829			1107	1.91	1275	2.57	1422	3.27	1555	3.98
3500	3926	0.961			1136	2.18	1301	2.87	1446	3.60	1577	4.36
3750	4206	1.10					1329	3.19	1472	3.96	1601	4.76
4000	4486	1.26					1358	3.54	1498	4.35	1626	5.18
4250	4767	1.42					1387	3.94	1526	4.77	1652	5.64
4500	5047	1.59							1554	5.22	1678	6.13
4750	5382	1.77							1583	5.72	1706	6.66
5000	5608	1.96									1734	7.23
5250	5889	2.16									1763	7.84
			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	6		7		8		9		10	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1750	1963	0.240	1599	2.60								
2000	2243	0.314	1605	2.91	1729	3.43	1847	3.97				
2250	2523	0.397	1614	3.23	1736	3.80	1851	4.38	1961	4.97		
2500	2804	0.490	1626	3.57	1746	4.18	1860	4.81	1967	5.44	2070	6.09
2750	3084	0.593	1641	3.93	1759	4.59	1871	5.25	1976	5.93	2077	6.62
3000	3365	0.706	1658	4.31	1774	5.01	1884	5.72	1988	6.44	2088	7.17
3250	3645	0.829	1677	4.71	1792	5.45	1900	6.20	2003	6.97	2101	7.74
3500	3926	0.961	1698	5.13	1811	5.91	1917	6.71	2019	7.52	2116	8.34
3750	4206	1.10	1720	5.57	1831	6.40	1936	7.24	2036	8.10	2132	8.96
4000	4486	1.26	1743	6.04	1853	6.91	1957	7.80	2056	8.70	2150	9.61
4250	4767	1.42	1768	6.54	1876	7.45	1979	8.38	2076	9.33	2170	10.3
4500	5047	1.59	1793	7.07	1900	8.03	2002	9.00	2098	9.98	2190	11.0
4750	5328	1.77	1819	7.63	1925	8.63	2026	9.64	2121	10.7	2212	11.7
5000	5608	1.96	1846	8.23	1951	9.27	2050	10.3	2145	11.4	2235	12.5
5250	5889	2.16	1874	8.88	1978	9.95	2076	11.0	2169	12.2	2259	13.3
5500	6169	2.37	1902	9.56	2005	10.7	2102	11.8	2195	12.9	2283	14.1
			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	11		12		13		14		15	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2500	2804	0.490	2168	6.75	2262	7.42	2354	8.10				
2750	3084	0.593	2174	7.32	2268	8.03	2357	8.75	2445	9.49	2529	10.2
3000	3365	0.706	2183	7.92	2275	8.67	2364	9.43	2450	10.2	2533	11.0
3250	3645	0.829	2195	8.53	2286	9.33	2373	10.1	2458	11.0	2540	11.8
3500	3926	0.961	2208	9.17	2298	10.0	2385	10.9	2468	11.7	2550	12.6
3750	4206	1.10	2224	9.84	2312	10.7	2398	11.6	2481	12.5	2561	13.4
4000	4486	1.26	2241	10.5	2328	11.5	2413	12.4	2495	13.3	2574	14.3
4250	4767	1.42	2259	11.2	2346	12.2	2429	13.2	2510	14.2	2589	15.2
4500	5047	1.59	2279	12.0	2364	13.0	2447	14.0	2527	15.1	2605	16.1
4750	5328	1.77	2300	12.8	2384	13.8	2466	14.9	2545	16.0	2622	17.1
5000	5608	1.96	2322	13.6	2406	14.7	2486	15.8	2565	16.9	2641	18.0
5250	5889	2.16	2345	14.4	2428	15.6	2508	16.7	2585	17.9	2661	19.1
5500	6169	2.37	2369	15.3	2451	16.5	2530	17.7	2607	18.9	2682	20.1

Note: Shaded area indicates range of optimum performance.

Type K Exhausters

Size 15 Nominal Inlet O.D.

Inlet Diameter	14¾"
Inlet Area	1.187 sq. ft.
Outlet Dimensions	11⅝" x 15"
Outlet Area	1.185 sq. ft.
Wheel Diameter	24¾"
Maximum R.P.M.	2315
Approx. Weight	465 lbs.

Performance Data

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	1		2		3		4		5	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2000	1688	0.178	604	0.493	814	0.953	982	1.44	1129	1.96	1260	2.15
2500	2109	0.278	636	0.661	836	1.21	999	1.79	1140	2.39	1267	3.02
2750	2320	0.336	653	0.760	850	1.35	1009	1.97	1148	2.62	1273	3.29
3000	2531	0.400	672	0.872	865	1.50	1021	2.17	1158	2.86	1281	3.58
3250	2742	0.469	691	1.00	880	1.66	1034	2.38	1169	3.11	1290	3.87
3500	2953	0.544			897	1.84	1049	2.60	1181	3.38	1301	4.18
3750	3164	0.624			914	2.03	1064	2.83	1194	3.65	1312	4.50
4000	3375	0.710			932	2.24	1080	3.08	1209	3.95	1325	4.84
4250	3586	0.802			950	2.47	1096	3.34	1224	4.25	1339	5.19
4500	3797	0.899			969	2.73	1113	3.63	1239	4.58	1353	5.56
4750	4008	1.00					1131	3.93	1255	4.92	1368	5.94
5000	4219	1.11					1149	4.26	1272	5.29	1383	6.35
5250	4430	1.22					1168	4.61	1289	5.67	1400	6.77
5500	4641	1.34					1186	4.99	1307	6.08	1416	7.22
5750	4852	1.47					1206	5.40	1325	6.51	1433	7.69
6000	5063	1.60							1344	6.98	1451	8.19
6500	5485	1.88							1381	8.01	1487	9.27
7000	5907	2.18									1524	10.5

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	6		7		8		9		10	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2500	2109	0.278	1383	3.67	1492	4.34						
2750	2320	0.336	1388	3.98	1495	4.70	1596	5.43	1691	6.17		
3000	2531	0.400	1394	4.31	1500	5.07	1599	5.84	1693	6.63	1783	7.43
3250	2742	0.469	1402	4.65	1506	5.45	1604	6.26	1697	7.09	1786	7.94
3500	2953	0.544	1411	5.00	1514	5.84	1611	6.70	1703	7.58	1791	8.47
3750	3164	0.624	1421	5.37	1523	6.25	1619	7.15	1710	8.07	1797	9.01
4000	3375	0.710	1433	5.75	1533	6.68	1628	7.62	1718	8.58	1804	9.56
4250	3586	0.802	1445	6.14	1544	7.12	1638	8.11	1727	9.11	1812	10.1
4500	3797	0.899	1458	6.56	1556	7.57	1649	8.61	1737	9.66	1821	10.7
4750	4008	1.00	1472	6.99	1569	8.05	1661	9.12	1748	10.2	1831	11.3
5000	4219	1.11	1486	7.43	1582	8.54	1673	9.66	1759	10.8	1842	11.9
5250	4430	1.22	1501	7.90	1597	9.05	1686	10.2	1772	11.4	1854	12.6
5500	4641	1.34	1517	8.39	1611	9.58	1700	10.8	1785	12.0	1866	13.3
5750	4852	1.47	1533	8.90	1627	10.1	1715	11.4	1799	12.7	1879	13.9
6000	5063	1.60	1550	9.44	1642	10.7	1730	12.0	1813	13.3	1893	14.6
6500	5485	1.88	1584	10.6	1675	11.9	1761	13.3	1843	14.7	1922	16.1
7000	5907	2.18	1620	11.9	1710	13.3	1794	14.7	1875	16.2	1952	17.7
7500	6329	2.50	1657	13.3	1745	14.8	1829	16.3	1908	17.8	1984	19.4

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	11		12		13		14		15	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3250	2742	0.469	1871	8.80	1953	9.68						
3500	2953	0.544	1875	9.37	1956	10.3	2034	11.2	2110	12.2	2183	13.1
3750	3164	0.624	1880	9.95	1960	10.9	2037	11.9	2112	12.9	2185	13.9
4000	3375	0.710	1886	10.6	1965	11.6	2042	12.6	2116	13.6	2188	14.7
4250	3586	0.802	1893	11.2	1972	12.2	2048	13.3	2121	14.3	2192	15.4
4500	3797	0.899	1902	11.8	1979	12.9	2055	14.0	2127	15.1	2198	16.2
4750	4008	1.00	1911	12.4	1988	13.6	2063	14.7	2135	15.9	2205	17.1
5000	4219	1.11	1921	13.1	1998	14.3	2071	15.5	2143	16.7	2212	17.9
5250	4430	1.22	1932	13.8	2008	15.0	2081	16.3	2152	17.5	2221	18.8
5500	4641	1.34	1944	14.5	2019	15.8	2091	17.1	2162	18.3	2230	19.7
5750	4852	1.47	1956	15.2	2031	16.5	2102	17.9	2172	19.2	2240	20.6
6000	5063	1.60	1969	16.0	2043	17.3	2114	18.7	2183	20.1	2251	21.5
6500	5485	1.88	1997	17.6	2069	19.0	2140	20.5	2208	21.9	2274	23.4
7000	5907	2.18	2026	19.2	2098	20.8	2167	22.3	2234	23.9	2299	25.4
7500	6329	2.50	2058	21.0	2128	22.6	2196	24.3	2262	25.9	2327	27.6

Note: Shaded area indicates range of optimum performance.

Type K Exhausters

Size 17 Nominal Inlet O.D.

Inlet Diameter	16¾"
Inlet Area	1.534 sq. ft.
Outlet Dimensions	13" x 17"
Outlet Area	1.535 sq. ft.
Wheel Diameter	28"
Maximum R.P.M.	2045
Approx. Weight	650 lbs.

Performance Data

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	1		2		3		4		5	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2500	1629	0.165	509	0.583	695	1.15	844	1.77	971	2.43		
3000	1954	0.238	525	0.726	706	1.38	851	2.08	975	2.82	1087	3.60
3500	2280	0.324	545	0.896	719	1.63	860	2.41	983	3.23	1093	4.09
4000	2606	0.424	566	1.10	735	1.91	873	2.77	993	3.68	1100	4.61
4500	2932	0.536			753	2.22	887	3.17	1005	4.15	1110	5.17
5000	3258	0.662			772	2.57	903	3.59	1018	4.66	1122	5.76
5500	3583	0.801			794	2.97	921	4.07	1034	5.21	1136	6.40
6000	3909	0.953			817	3.43	941	4.59	1051	5.81	1151	7.07
6500	4235	1.12					962	5.16	1070	6.46	1168	7.80
7000	4561	1.30					984	5.81	1090	7.17	1186	8.59
7500	4886	1.49							1111	7.94	1205	9.43
8000	5212	1.69							1133	8.79	1226	10.3
8500	5538	1.91							1156	9.73	1247	11.3
9000	5864	2.14									1269	12.4
9500	6190	2.39									1293	13.6
10000	6515	2.6										
			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	6		7		8		9		10	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3000	1954	0.238	1189	4.40	1283	5.24						
3500	2280	0.324	1193	4.97	1286	5.89	1373	6.83	1455	7.80		
4000	2606	0.424	1199	5.58	1291	6.57	1377	7.59	1458	8.64	1535	9.71
4500	2932	0.536	1208	6.22	1298	7.29	1383	8.39	1463	9.52	1540	10.7
5000	3258	0.662	1218	6.89	1307	8.05	1391	9.23	1470	10.4	1546	11.7
5500	3583	0.801	1230	7.61	1318	8.85	1401	10.1	1479	11.4	1554	12.7
6000	3909	0.953	1244	8.37	1330	9.69	1412	11.0	1489	12.4	1563	13.8
6500	4235	1.12	1259	9.18	1344	10.6	1424	12.0	1501	13.5	1574	14.9
7000	4561	1.30	1275	10.0	1359	11.5	1438	13.0	1514	14.6	1586	16.1
7500	4886	1.49	1293	11.0	1376	12.5	1454	14.1	1528	15.7	1599	17.4
8000	5212	1.69	1312	11.9	1393	13.6	1470	15.3	1543	17.0	1613	18.7
8500	5538	1.91	1332	13.0	1412	14.7	1487	16.5	1560	18.3	1629	20.1
9000	5864	2.14	1353	14.1	1431	15.9	1506	17.8	1577	19.6	1645	21.5
9500	6190	2.39	1374	15.4	1452	17.2	1525	19.1	1595	21.1	1663	23.0
10000	6515	2.65	1397	16.7	1473	18.6	1545	20.6	1615	22.6	1681	24.6
			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	11		12		13		14		15	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4000	2606	0.424	1609	10.8	1680	11.9						
4500	2932	0.536	1613	11.8	1683	13.0	1750	14.2	1815	15.5	1878	16.7
5000	3258	0.662	1618	12.9	1688	14.2	1754	15.5	1819	16.8	1881	18.1
5500	3583	0.801	1625	14.0	1694	15.4	1760	16.8	1824	18.2	1886	19.6
6000	3909	0.953	1634	15.2	1702	16.6	1767	18.1	1830	19.6	1892	21.1
6500	4235	1.12	1644	16.4	1711	17.9	1776	19.5	1838	21.0	1899	22.6
7000	4561	1.30	1655	17.7	1721	19.3	1785	20.9	1847	22.5	1908	24.2
7500	4886	1.49	1667	19.0	1733	20.7	1796	22.4	1858	24.1	1917	25.9
8000	5212	1.69	1681	20.4	1746	22.2	1808	24.0	1869	25.8	1928	27.6
8500	5538	1.91	1695	21.9	1760	23.7	1822	25.6	1882	27.5	1940	29.4
9000	5864	2.14	1711	23.4	1775	25.3	1836	27.3	1895	29.2	1953	31.2
9500	6190	2.39	1728	25.0	1790	27.0	1851	29.0	1910	31.1	1967	33.1
10000	6515	2.65	1745	26.7	1807	28.8	1867	30.9	1925	33.0	1982	35.1

Note: Shaded area indicates range of optimum performance.

Type K Exhausters

Size19 Nominal Inlet O.D.

Inlet Diameter	18¾"
Inlet Area	1.918 sq. ft.
Outlet Dimensions	14½" x 19"
Outlet Area	1.913 sq. ft.
Wheel Diameter	31¼"
Maximum R.P.M.	1830
Approx. Weight	670 lbs.

Performance Data

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	1		2		3		4		5	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3000	1568	0.153	454	0.696	622	1.39	755	2.14	869	2.95		
3500	1829	0.209	465	0.833	628	1.61	759	2.44	872	3.33	973	4.26
4000	2090	0.273	478	0.989	637	1.85	765	2.76	876	3.73	976	4.73
4500	2352	0.345	492	1.17	647	2.10	773	3.10	882	4.15	980	5.24
5000	2613	0.426	508	1.38	659	2.39	782	3.47	890	4.59	986	5.76
5500	2874	0.515			671	2.70	792	3.86	898	5.07	993	6.32
6000	3136	0.613			685	3.04	804	4.28	908	5.57	1001	6.90
6500	3397	0.720			700	3.41	816	4.73	918	6.10	1011	7.52
7000	3658	0.835			716	3.83	830	5.21	930	6.67	1021	8.16
7500	3920	0.958			733	4.30	844	5.74	942	7.27	1032	8.85
8000	4181	1.09					859	6.31	956	7.92	1044	9.57
8500	4442	1.23					875	6.94	970	8.61	1057	10.3
9000	4704	1.38					891	7.62	985	9.35	1070	11.2
9500	4965	1.54							1000	10.1	1084	12.0
10000	5226	1.70							1016	11.0	1099	12.9
11000	5749	2.06									1130	15.0

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	6		7		8		9		10	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3500	1829	0.209	1064	5.22								
4000	2090	0.273	1066	5.78	1150	6.86	1229	7.98				
4500	2352	0.345	1070	6.36	1153	7.53	1231	8.72	1304	9.95	1374	11.2
5000	2613	0.426	1075	6.97	1157	8.21	1234	9.49	1307	10.8	1376	12.1
5500	2874	0.515	1081	7.61	1162	8.93	1238	10.3	1310	11.7	1379	13.1
6000	3136	0.613	1088	8.27	1168	9.68	1243	11.1	1315	12.6	1383	14.1
6500	3397	0.720	1096	8.97	1175	10.5	1250	12.0	1321	13.5	1388	15.1
7000	3658	0.835	1105	9.70	1183	11.3	1257	12.9	1327	14.5	1394	16.2
7500	3920	0.958	1115	10.5	1192	12.1	1265	13.8	1335	15.5	1401	17.2
8000	4181	1.09	1126	11.3	1202	13.0	1274	14.8	1343	16.6	1408	18.4
8500	4442	1.23	1137	12.1	1213	13.9	1284	15.8	1352	17.7	1417	19.6
9000	4704	1.38	1149	13.0	1224	14.9	1295	16.8	1362	18.8	1426	20.8
9500	4965	1.54	1162	14.0	1236	15.9	1306	17.9	1372	20.0	1436	22.0
10000	5226	1.70	1176	15.0	1249	17.0	1318	19.1	1383	21.2	1446	23.4
11000	5749	2.06	1205	17.1	1276	19.3	1343	21.6	1407	23.8	1469	26.2
12000	6272	2.45	1236	19.6	1305	21.9	1371	24.3	1434	26.7	1494	29.2

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	11		12		13		14		15	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5000	2613	0.426	1442	13.5	1505	14.9						
5500	2874	0.515	1444	14.5	1507	16.0	1568	17.5	1626	19.0		
6000	3136	0.613	1448	15.6	1510	17.1	1570	18.7	1628	20.3	1685	21.9
6500	3397	0.720	1452	16.7	1514	18.3	1574	20.0	1632	21.7	1687	23.4
7000	3658	0.835	1458	17.8	1519	19.5	1578	21.3	1635	23.0	1691	24.8
7500	3920	0.958	1464	19.0	1525	20.8	1584	22.6	1640	24.5	1695	26.3
8000	4181	1.09	1471	20.2	1531	22.1	1590	24.0	1646	25.9	1700	27.9
8500	4442	1.23	1479	21.5	1539	23.4	1596	25.4	1652	27.4	1706	29.4
9000	4704	1.38	1487	22.8	1547	24.8	1604	26.9	1659	29.0	1713	31.1
9500	4965	1.54	1497	24.1	1555	26.3	1612	28.4	1667	30.6	1720	32.7
10000	5226	1.70	1506	25.5	1565	27.7	1621	30.0	1675	32.2	1728	34.5
11000	5749	2.06	1528	28.5	1585	30.9	1640	33.2	1694	35.7	1746	38.1
12000	6272	2.45	1552	31.7	1608	34.2	1662	36.8	1715	39.3	1766	41.9

Note: Shaded area indicates range of optimum performance.

Type K Exhausters

Size 21 Nominal Inlet O.D.

Inlet Diameter	20¾"
Inlet Area	2.35 sq. ft.
Outlet Dimensions	16" x 21"
Outlet Area	2.333 sq. ft.
Wheel Diameter	34½"
Maximum R.P.M.	1660
Approx. Weight	1075 lbs.

Performance Data

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	1		2		3		4		5	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3500	1500	0.140	409	0.809	562	1.63	683	2.52	787	3.48		
4000	1714	0.183	416	0.940	566	1.84	686	2.82	789	3.85	880	4.94
4500	1928	0.232	425	1.09	572	2.07	690	3.12	791	4.24	882	5.41
5000	2142	0.286	435	1.25	579	2.31	695	3.45	795	4.65	884	5.89
5500	2357	0.346	446	1.43	586	2.57	700	3.79	799	5.07	888	6.40
6000	2571	0.412	458	1.64	595	2.85	707	4.15	805	5.51	892	6.92
6500	2783	0.484	470	1.87	604	3.15	714	4.54	811	5.98	897	7.47
7000	3000	0.561			614	3.48	723	4.94	817	6.47	903	8.04
7500	3214	0.644			625	3.83	731	5.37	825	6.98	909	8.64
8000	3428	0.733			636	4.22	741	5.83	833	7.52	916	9.26
8500	3642	0.827			648	4.64	751	6.32	842	8.09	924	9.91
9000	3857	0.928			660	5.10	761	6.84	851	8.68	932	10.6
9500	4071	1.03					772	7.40	860	9.32	941	11.3
10000	4285	1.15					784	8.00	871	9.98	950	12.0
11000	4714	1.39					808	9.33	892	11.4	970	13.6
12000	5142	1.65							916	13.1	991	15.4
			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	6		7		8		9		10	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4500	1928	0.232	964	6.63	1041	7.89						
5000	2142	0.286	966	7.19	1042	8.53	1113	9.91				
5500	2357	0.346	969	7.78	1044	9.19	1115	10.7	1181	12.2	1244	13.7
6000	2571	0.412	973	8.38	1047	9.88	1117	11.4	1183	13.0	1246	14.6
6500	2785	0.484	977	9.01	1051	10.6	1120	12.2	1186	13.9	1248	15.6
7000	3000	0.561	982	9.66	1055	11.3	1124	13.0	1189	14.8	1251	16.5
7500	3214	0.644	987	10.3	1060	12.1	1128	13.9	1192	15.7	1254	17.5
8000	3428	0.733	993	11.0	1065	12.9	1133	14.7	1197	16.6	1258	18.6
8500	3642	0.827	1000	11.8	1071	13.7	1138	15.6	1202	17.6	1262	19.6
9000	3857	0.928	1008	12.5	1078	14.5	1144	16.5	1207	18.6	1267	20.7
9500	4071	1.03	1015	13.3	1085	15.4	1151	17.5	1213	19.7	1273	21.8
10000	4285	1.15	1024	14.2	1093	16.3	1158	18.5	1219	20.7	1279	23.0
11000	4714	1.39	1042	15.9	1109	18.2	1173	20.6	1234	23.0	1292	25.4
12000	5142	1.65	1061	17.8	1127	20.3	1190	22.8	1250	25.4	1307	28.0
13000	5571	1.94	1082	19.9	1147	22.6	1209	25.2	1267	28.0	1323	30.7
14000	6000	2.24	1105	22.3	1168	25.0	1228	27.8	1286	30.7	1341	33.6
			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	11		12		13		14		15	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6000	2571	0.412	1306	16.3								
6500	2783	0.484	1307	17.3	1365	19.0	1419	20.8				
7000	3000	0.561	1310	18.3	1366	20.2	1421	22.0	1474	23.9	1525	25.9
7500	3214	0.644	1313	19.4	1369	21.3	1423	23.3	1476	25.3	1526	27.3
8000	3428	0.733	1316	20.5	1372	22.5	1426	24.6	1478	26.6	1529	28.7
8500	3642	0.827	1320	21.7	1376	23.7	1429	25.8	1481	28.0	1531	30.2
9000	3857	0.928	1325	22.8	1380	25.0	1433	27.2	1485	29.4	1534	31.6
9500	4071	1.03	1330	24.0	1384	26.3	1437	28.5	1489	30.8	1538	33.2
10000	4285	1.15	1335	25.3	1390	27.6	1442	29.9	1493	32.3	1542	34.7
11000	4714	1.39	1348	27.9	1401	30.3	1453	32.9	1503	35.4	1552	38.0
12000	5142	1.65	1362	30.6	1414	33.2	1465	35.9	1515	38.6	1563	41.4
13000	5571	1.94	1377	33.5	1429	36.3	1480	39.1	1528	42.0	1576	44.9
14000	6000	2.24	1394	36.6	1445	39.6	1495	42.6	1543	45.6	1590	48.7
15000	6428	2.58	1413	39.9	1463	43.0	1512	46.2	1559	49.4	1605	52.6

Note: Shaded area indicates range of optimum performance.

Type K Exhausters

Size 23 Nominal Inlet O.D.

Inlet Diameter	22 ³ / ₄ "
Inlet Area	2.824 sq. ft.
Outlet Dimensions	17 ¹ / ₂ " x 23"
Outlet Area	2.795 sq. ft.
Wheel Diameter	37 ¹ / ₈ "
Maximum R.P.M.	1510
Approx. Weight	1210 lbs.

Performance Data

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	1		2		3		4		5	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3500	1252	0.098	365	0.830	507	1.71	617	2.66				
4000	1431	0.128	370	0.953	510	1.92	619	2.96	712	4.07		
4500	1610	0.162	375	1.09	513	2.14	622	3.27	715	4.46	797	5.71
5000	1788	0.199	381	1.23	517	2.37	625	3.59	717	4.87	799	6.21
6000	2146	0.287	396	1.56	527	2.87	633	4.27	723	5.72	804	7.23
7000	2504	0.391	414	1.94	539	3.44	642	5.01	731	6.64	811	8.32
8000	2862	0.511			553	4.06	653	5.81	740	7.62	819	9.49
9000	3219	0.646			569	4.78	666	6.70	751	8.69	828	10.7
10000	3577	0.798			588	5.58	680	7.67	763	9.84	839	12.1
11000	3935	0.966			609	6.52	697	8.75	777	11.1	851	13.5
12000	4293	1.15					715	9.94	793	12.4	865	15.0
13000	4651	1.35					736	11.3	810	13.9	880	16.7
14000	5008	1.56							829	15.6	896	18.4
15000	5366	1.80							850	17.3	914	20.4
16000	5724	2.04									934	22.5
17000	6082	2.31									955	24.8
			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	6		7		8		9		10	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5000	1788	0.199	873	7.59	941	9.03						
6000	2146	0.287	878	8.79	946	10.4	1009	12.0	1069	13.7		
7000	2504	0.391	884	10.1	951	11.8	1014	13.7	1073	15.5	1130	17.4
8000	2862	0.511	891	11.4	958	13.3	1020	15.3	1079	17.4	1135	19.4
9000	3219	0.646	899	12.8	965	14.9	1027	17.1	1085	19.3	1141	21.6
10000	3577	0.798	909	14.3	974	16.6	1035	19.0	1093	21.4	1148	23.8
11000	3935	0.966	920	15.9	984	18.4	1044	20.9	1101	23.5	1156	26.1
12000	4293	1.15	932	17.6	995	20.3	1054	23.0	1111	25.7	1165	28.5
13000	4651	1.35	945	19.5	1007	22.3	1065	25.2	1121	28.1	1174	31.0
14000	5008	1.56	960	21.4	1020	24.4	1078	27.5	1133	30.6	1185	33.7
15000	5366	1.80	976	23.5	1035	26.7	1091	29.9	1145	33.2	1197	36.5
16000	5724	2.04	993	25.8	1051	29.1	1106	32.5	1159	36.0	1210	39.4
17000	6082	2.31	1012	28.2	1068	31.7	1122	35.3	1173	38.9	1223	42.5
			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	11		12		13		14		15	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7000	2504	0.391	1183	19.3	1234	21.3	1284	23.3				
8000	2862	0.511	1188	21.5	1239	23.7	1288	25.9	1335	28.1	1381	30.3
9000	3219	0.646	1194	23.8	1244	26.1	1293	28.5	1340	30.9	1386	33.3
10000	3577	0.798	1200	26.2	1251	28.7	1299	31.2	1346	33.8	1391	36.3
11000	3935	0.966	1208	28.7	1258	31.4	1306	34.1	1352	36.8	1397	39.5
12000	4293	1.15	1216	31.3	1266	34.1	1313	37.0	1359	39.9	1404	42.8
13000	4651	1.35	1225	34.0	1274	37.0	1322	40.1	1367	43.2	1412	46.3
14000	5008	1.56	1235	36.9	1284	40.1	1331	43.3	1376	46.5	1420	49.8
15000	5366	1.80	1247	39.8	1294	43.2	1341	46.6	1386	50.0	1429	53.5
16000	5724	2.04	1259	43.0	1306	46.5	1352	50.1	1396	53.7	1439	57.3
17000	6082	2.31	1272	46.2	1318	50.0	1363	53.7	1407	57.5	1450	61.3

Note: Shaded area indicates range of optimum performance.

Type K Exhausters

Size 26 Nominal Inlet O.D.

Inlet Diameter	25 1/4"
Inlet Area	3.62 sq. ft.
Outlet Dimensions	19 1/4" x 26"
Outlet Area	3.57 sq. ft.
Wheel Diameter	42 1/4"
Maximum R.P.M.	1340
Approx. Weight	1740 lbs.

Performance Data

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	1		2		3		4		5	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4000	1121	0.078	321	0.951	447	1.99						
4500	1262	0.099	324	1.07	449	2.19	547	3.42				
5000	1402	0.123	327	1.19	451	2.40	548	3.71	631	5.11		
6000	1682	0.176	335	1.46	456	2.85	552	4.33	634	5.90	706	7.54
7000	1963	0.240	344	1.76	462	3.33	557	4.99	638	6.73	710	8.54
8000	2243	0.314	355	2.11	469	3.85	562	5.69	643	7.61	714	9.59
9000	2523	0.397	368	2.51	478	4.42	569	6.44	648	8.54	719	10.7
10000	2804	0.490			487	5.05	577	7.25	654	9.52	724	11.9
11000	3084	0.593			498	5.74	585	8.11	662	10.6	731	13.1
12000	3365	0.706			511	6.50	595	9.04	670	11.7	737	14.4
13000	3645	0.829			542	7.34	605	10.0	678	12.8	745	15.7
14000	3926	0.961			539	8.28	617	11.1	688	14.1	754	17.1
15000	4206	1.10					630	12.3	699	15.4	763	18.7
16000	4486	1.26					643	13.6	710	16.9	773	20.3
17000	4767	1.42					658	15.0	723	18.4	784	22.0
18000	5047	1.59							736	20.1	796	23.8
19000	5328	1.77							751	21.9	808	25.7
			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	6		7		8		9		10	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7000	1963	0.240	775	10.4	836	12.4						
8000	2243	0.314	779	11.6	839	13.8	895	15.9	948	18.1		
9000	2523	0.397	783	12.9	843	15.2	899	17.5	951	19.9	1001	22.3
10000	2804	0.490	788	14.3	847	16.7	903	19.2	955	21.8	1004	24.4
11000	3084	0.593	794	15.6	852	18.3	907	21.0	959	23.7	1009	26.5
12000	3365	0.706	800	17.1	858	19.9	913	22.8	964	25.7	1013	28.6
13000	3645	0.829	807	18.6	864	21.6	918	24.7	969	27.7	1018	30.9
14000	3926	0.961	814	20.3	871	23.4	926	26.6	975	29.9	1024	33.2
15000	4206	1.10	823	22.0	879	25.3	932	28.7	982	32.1	1030	35.6
16000	4486	1.26	832	23.7	887	27.3	939	30.8	989	34.4	1036	38.1
17000	4767	1.42	841	25.6	896	29.3	947	33.1	996	36.9	1043	40.7
18000	5047	1.59	852	27.6	905	31.5	956	35.4	1005	39.4	1051	43.4
19000	5328	1.77	863	29.7	915	33.7	965	37.8	1013	42.0	1059	46.2
20000	5608	1.96	875	31.9	926	36.1	975	40.4	1023	44.7	1068	49.1
21000	5889	2.16	888	34.3	938	38.6	986	43.1	1032	47.6	1077	52.1
22000	6169	2.37	901	36.8	950	41.3	997	45.9	1043	50.6	1087	55.3
			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	11		12		13		14		15	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9000	2523	0.397	1048	24.8	1094	27.4						
10000	2804	0.490	1052	27.0	1097	29.7	1140	32.5	1182	35.2	1223	38.0
11000	3084	0.593	1056	29.3	1101	32.2	1144	35.1	1186	38.0	1226	41.0
12000	3365	0.706	1060	31.6	1105	34.7	1148	37.7	1189	40.9	1229	44.0
13000	3645	0.829	1065	34.0	1109	37.3	1152	40.5	1193	43.8	1233	47.1
14000	3926	0.961	1070	36.5	1114	39.9	1157	43.4	1198	46.8	1238	50.3
15000	4206	1.10	1075	39.1	1119	42.7	1162	46.3	1203	49.9	1242	53.6
16000	4486	1.26	1082	41.8	1125	45.5	1167	49.3	1208	53.1	1247	57.0
17000	4767	1.42	1088	44.6	1132	48.5	1173	52.4	1214	56.4	1253	60.5
18000	5047	1.59	1096	47.4	1138	51.5	1180	55.7	1220	59.8	1259	64.0
19000	5328	1.77	1103	50.4	1146	54.7	1187	59.0	1227	63.4	1265	67.7
20000	5608	1.96	1111	53.5	1154	58.0	1194	62.5	1234	67.0	1272	71.5
21000	5889	2.16	1120	56.7	1162	61.3	1202	66.0	1241	70.7	1279	75.5
22000	6169	2.37	1129	60.0	1171	64.9	1211	69.7	1249	74.6	1287	79.5

Type K Exhausters

Size 30 Nominal Inlet O.D.

Inlet Diameter	29 3/4"
Inlet Area	4.825 sq. ft.
Outlet Dimensions	23 1/2" x 30"
Outlet Area	4.896 sq. ft.
Wheel Diameter	49 1/2"
Maximum R.P.M.	1160
Approx. Weight	2510 lbs.

Performance Data

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	1		2		3		4		5	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6000	1225	0.094	279	1.42	387	2.94	472	4.59				
7000	1429	0.127	283	1.67	390	3.36	474	5.18	545	7.12		
8000	1634	0.166	288	1.93	393	3.80	476	5.80	547	7.91	610	10.1
9000	1838	0.211	293	2.23	397	4.27	479	6.44	549	8.73	612	11.1
10000	2042	0.260	299	2.55	401	4.77	482	7.12	552	9.58	614	12.1
11500	2349	0.344	311	3.09	408	5.58	488	8.19	557	10.9	618	13.7
13000	2655	0.440	323	3.73	416	6.47	494	9.35	562	12.3	623	15.4
14500	2961	0.547			426	7.45	502	10.6	569	13.9	628	17.2
16000	3268	0.666			437	8.54	511	12.0	576	15.5	635	19.1
17500	3574	0.797			450	9.77	520	13.4	584	17.2	642	21.1
19000	3880	0.939			463	11.1	531	15.0	593	19.1	650	23.2
20500	4187	1.09					543	16.8	603	21.1	658	25.5
22000	4493	1.26					556	18.7	614	23.2	668	27.9
23500	4800	1.44					570	20.8	625	25.5	678	30.5
25000	5106	1.63							638	28.1	689	33.2
26500	5412	1.83							652	30.8	701	36.2
28000	5719	2.04									714	39.3

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	6		7		8		9		10	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9000	1838	0.211	668	13.6								
10000	2042	0.260	670	14.8	722	17.5						
11500	2349	0.344	674	16.6	726	19.6	774	22.7	820	25.8	863	29.0
13000	2655	0.440	678	18.6	730	21.8	778	25.1	823	28.5	866	32.0
14500	2961	0.547	683	20.6	734	24.1	782	27.7	827	31.4	869	35.1
16000	3268	0.666	689	22.8	739	26.6	786	30.4	831	34.3	873	38.3
17500	3574	0.797	695	25.1	745	29.1	792	33.2	836	37.4	878	41.6
19000	3880	0.939	702	27.4	751	31.8	798	36.1	841	40.6	883	45.1
20500	4187	1.09	710	30.0	758	34.5	804	39.2	848	43.9	889	48.6
22000	4493	1.26	718	32.6	766	37.5	811	42.4	854	47.4	895	52.4
23500	4800	1.44	728	35.5	774	40.6	819	45.8	861	51.0	902	56.3
25000	5106	1.63	738	38.5	784	43.8	827	49.3	869	54.8	909	60.4
26500	5412	1.83	748	41.7	793	47.3	836	53.0	877	58.8	917	64.6
28000	5719	2.04	760	45.1	804	50.9	846	56.9	886	62.9	925	69.0
29500	6025	2.26	772	48.7	815	54.8	856	61.0	896	67.3	934	73.6

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	11		12		13		14		15	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
13000	2655	0.440	907	35.5	946	39.1	983	42.7				
14500	2961	0.547	910	38.8	949	42.7	986	46.6	1023	50.5	1057	54.5
16000	3268	0.666	914	42.3	953	46.4	990	50.5	1026	54.7	1061	59.0
17500	3574	0.797	918	45.9	957	50.2	994	54.6	1030	59.1	1064	63.6
19000	3880	0.939	923	49.6	961	54.2	998	58.9	1034	63.6	1068	68.4
20500	4187	1.09	928	53.5	966	58.3	1003	63.3	1038	68.3	1073	73.3
22000	4493	1.26	934	57.5	972	62.6	1008	67.8	1043	73.1	1077	78.4
23500	4800	1.44	941	61.6	978	67.1	1014	72.5	1049	78.0	1083	83.6
25000	5106	1.63	947	66.0	984	71.7	1020	77.4	1055	83.2	1088	89.0
26500	5412	1.83	955	70.5	991	76.4	1027	82.4	1061	88.5	1094	94.6
28000	5719	2.04	963	75.2	999	81.4	1034	87.7	1068	94.0	1101	100
29500	6025	2.26	971	80.1	1007	86.6	1042	93.1	1075	99.7	1108	106

Note: Shaded area indicates range of optimum performance.

Type K Exhausters

Size 34 Nominal Inlet O.D.

Inlet Diameter	33¾"
Inlet Area	6.22 sq. ft.
Outlet Dimensions	26½" x 34"
Outlet Area	6.257 sq. ft.
Wheel Diameter	56"
Maximum R.P.M.	1020
Approx. Weight	3200 lbs.

Performance Data

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	1		2		3		4		5	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
8500	1358	0.115	249	2.02	344	4.10	418	6.35				
10000	1598	0.159	253	2.41	347	4.75	420	7.27	483	9.93	539	12.7
11500	1838	0.211	259	2.85	351	5.46	423	8.23	485	11.2	541	14.2
13000	2077	0.269	266	3.33	355	6.21	427	9.25	488	12.4	543	15.7
14500	2317	0.335	273	3.88	360	7.02	431	10.3	492	13.8	546	17.3
16000	2557	0.408	282	4.49	366	7.89	435	11.5	495	15.2	549	19.0
17500	2796	0.488	292	5.20	372	8.83	440	12.7	499	16.7	553	20.7
19000	3036	0.575			379	9.85	445	14.0	504	18.2	557	22.6
20500	3276	0.669			387	11.0	451	15.3	509	19.8	561	24.5
22000	3516	0.771			395	12.2	458	16.8	515	21.6	566	26.5
23500	3755	0.879			404	13.5	465	18.3	521	23.4	571	28.5
25000	3995	0.995					473	20.0	527	25.3	577	30.7
26500	4235	1.12					482	21.8	534	27.3	583	33.0
28000	4475	1.25					491	23.7	542	29.5	590	35.4
29500	4714	1.39					500	25.8	550	31.8	597	38.0
31000	4954	1.53							558	34.2	604	40.7
32500	5194	1.68							568	36.8	612	43.5
			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	6		7		8		9		10	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11500	1838	0.211	591	17.4								
13000	2077	0.269	593	19.2	639	22.7	682	26.3				
14500	2317	0.335	595	21.0	641	24.8	684	28.7	724	32.6	762	36.7
16000	2557	0.408	598	22.9	644	27.0	686	31.1	726	35.3	764	39.6
17500	2796	0.488	601	24.9	647	29.2	689	33.6	729	38.1	767	42.7
19000	3036	0.575	605	27.0	650	31.6	692	36.2	732	41.0	769	45.8
20500	3276	0.669	609	29.2	654	34.0	695	38.9	735	43.9	772	49.0
22000	3516	0.771	613	31.5	657	36.6	699	41.7	738	47.0	775	52.3
23500	3755	0.879	618	33.8	662	39.2	703	44.6	742	50.1	779	55.8
25000	3995	0.995	623	36.3	666	41.9	707	47.6	746	53.4	782	59.3
26500	4235	1.12	629	38.8	671	44.7	712	50.7	750	56.8	786	62.9
28000	4475	1.25	635	41.5	677	47.7	717	53.9	755	60.3	791	66.7
29500	4714	1.39	641	44.3	682	50.7	722	57.3	759	63.9	795	70.5
31000	4954	1.53	647	47.2	689	53.9	727	60.7	765	67.6	800	74.5
32500	5194	1.68	655	50.3	695	57.3	733	64.3	770	71.5	805	78.7
34000	5434	1.84	662	53.5	702	60.7	740	68.1	776	75.5	811	82.9
35500	5673	2.01	670	56.9	709	64.4	746	71.9	782	79.6	817	87.4
37000	5913	2.18	678	60.5	717	68.2	753	76.0	789	83.9	823	91.9
			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	11		12		13		14		15	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
16000	2557	0.408	800	44.0								
17500	2796	0.488	803	47.3	837	52.0	870	56.8				
19000	3036	0.575	805	50.7	840	55.7	873	60.7	904	65.8	935	71.0
20500	3276	0.669	808	54.2	842	59.4	875	64.7	907	70.1	938	75.5
22000	3516	0.771	811	57.8	845	63.2	878	68.8	909	74.4	940	80.1
23500	3755	0.879	814	61.4	848	67.2	881	73.0	912	78.9	943	84.9
25000	3995	0.995	818	65.2	851	71.2	884	77.3	915	83.5	946	89.7
26500	4235	1.12	821	69.1	855	75.4	887	81.8	918	88.2	949	94.7
28000	4475	1.25	825	73.1	859	79.7	891	86.3	922	93.0	952	99.7
29500	4714	1.39	830	77.3	863	84.1	895	91.0	926	97.9	956	104
31000	4954	1.53	834	81.5	867	88.6	899	95.8	930	102	959	110
32500	5194	1.68	839	85.9	872	93.3	903	100	934	108	963	115
34000	5434	1.84	844	90.5	877	98.1	908	105	938	113	968	121
35500	5673	2.01	850	95.2	882	103	913	111	943	119	972	127
37000	5913	2.18	856	100	887	108	918	116	948	124	977	133

Note: Shaded area indicates range of optimum performance.

Type K Exhausters

Size 38 Nominal Inlet O.D.

Inlet Diameter	37 ³ / ₄ "
Inlet Area	7.81 sq. ft.
Outlet Dimensions	29 ⁷ / ₈ " x 38"
Outlet Area	7.752 sq. ft.
Wheel Diameter	62 ¹ / ₈ "
Maximum R.P.M.	920
Approx. Weight	3950 lbs.

Performance Data

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	1		2		3		4		5	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
10000	1290	0.104	222	2.37	308	4.85	374	7.56				
12000	1548	0.149	226	2.88	310	5.71	377	8.76	433	12.0		
14000	1806	0.203	232	3.45	314	6.64	379	10.0	435	13.6	485	17.3
16000	2064	0.266	238	4.09	318	7.64	382	11.4	438	15.3	487	19.4
18000	2322	0.336	245	4.82	323	8.71	386	12.8	441	17.1	490	21.5
20000	2580	0.415	254	5.65	328	9.88	390	14.3	444	19.0	493	23.7
22000	2838	0.502			335	11.1	395	16.0	449	21.0	496	26.1
24000	3096	0.598			341	12.5	401	17.7	453	23.0	500	28.5
26000	3354	0.701			349	14.1	407	19.6	458	25.3	505	31.1
28000	3612	0.813			358	15.7	413	21.5	464	27.6	509	33.8
30000	3870	0.934			367	17.6	421	23.7	470	30.1	515	36.6
32000	4128	1.06					428	26.0	476	32.7	520	39.6
34000	4386	1.20					437	28.5	483	35.5	527	42.8
36000	4644	1.34					446	31.2	491	38.5	533	46.1
38000	4902	1.50							499	41.7	540	49.6
40000	5160	1.66							508	45.2	548	53.4
42000	5418	1.83							517	48.9	556	57.3
			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	6		7		8		9		10	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
16000	2064	0.266	532	23.6								
18000	2322	0.336	534	26.1	575	30.8	613	35.6	649	40.5	684	45.5
20000	2580	0.415	537	28.7	578	33.7	616	38.8	652	44.1	686	49.5
22000	2838	0.502	540	31.3	580	36.7	618	42.2	654	47.8	688	53.5
24000	3096	0.598	543	34.1	584	39.9	621	45.7	657	51.7	691	57.7
26000	3354	0.701	547	37.1	587	43.2	625	49.4	660	55.7	693	62.1
28000	3612	0.813	552	40.1	591	46.6	628	53.1	663	59.8	697	66.5
30000	3870	0.934	556	43.3	595	50.1	632	57.0	667	64.0	700	71.1
32000	4128	1.06	562	46.7	600	53.8	636	61.1	671	68.5	704	75.9
34000	4386	1.20	567	50.2	605	57.7	641	65.3	675	73.0	708	80.8
36000	4644	1.34	573	53.9	610	61.7	646	69.7	680	77.8	712	86.0
38000	4902	1.50	579	57.7	616	65.9	651	74.3	685	82.7	717	91.2
40000	5160	1.66	586	61.8	622	70.4	657	79.0	690	87.8	722	96.7
42000	5418	1.83	593	66.1	629	75.0	663	84.0	696	93.1	727	102
44000	5676	2.01	601	70.6	636	79.8	669	89.2	702	98.7	732	108
46000	5934	2.20	609	75.3	643	84.9	676	94.6	708	104	738	114
48000	6192	2.39	618	80.4	651	90.2	683	100	715	110	745	120
			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	11		12		13		14		15	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
20000	2580	0.415	718	54.9	749	60.5						
22000	2838	0.502	720	59.3	751	65.2	781	71.2	810	77.3		
24000	3096	0.598	723	63.9	754	70.1	783	76.4	812	82.9	839	89.4
26000	3354	0.701	725	68.5	756	75.1	786	81.8	814	88.6	842	95.4
28000	3612	0.813	728	73.4	759	80.3	788	87.3	817	94.4	844	101
30000	3870	0.934	732	78.3	762	85.6	791	93.0	819	100	847	107
32000	4128	1.06	735	83.5	765	91.1	794	98.8	822	106	850	114
34000	4386	1.20	739	88.8	769	96.7	798	104	826	112	853	121
36000	4644	1.34	743	94.2	773	102	801	110	829	119	856	128
38000	4902	1.50	747	99.9	777	108	805	117	833	126	860	135
40000	5160	1.66	752	105	781	114	810	123	837	133	864	142
42000	5418	1.83	757	111	786	121	814	130	841	140	868	149
44000	5676	2.01	762	118	791	127	819	137	846	147	872	157
46000	5934	2.20	768	124	796	134	824	144	851	155	877	165
48000	6192	2.39	774	131	802	141	829	152	856	162	881	173

Note: Shaded area indicates range of optimum performance.

Type K Exhausters

Size 42 Nominal Inlet O.D.

Inlet Diameter	41 1/4"
Inlet Area	9.50 sq. ft.
Outlet Dimensions	32 3/8" x 42"
Outlet Area	9.443 sq. ft.
Wheel Diameter	69 1/16"
Maximum R.P.M.	830
Approx. Weight	4450 lbs.

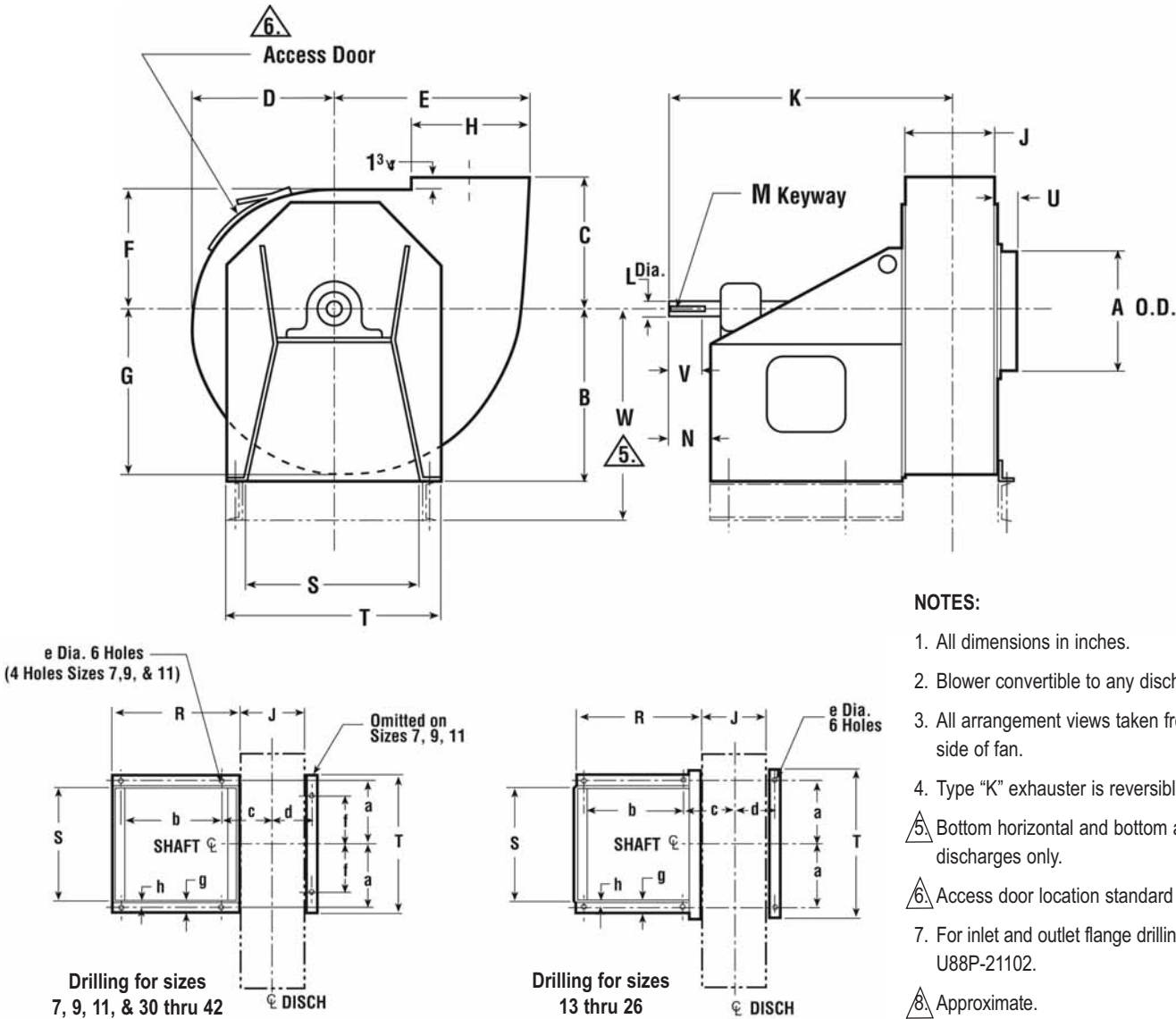
Performance Data

			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	1		2		3		4		5	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
12000	1270	0.101	200	2.85	278	5.84	338	9.10				
14000	1482	0.137	204	3.35	280	6.69	340	10.3	391	14.1		
16000	1694	0.179	207	3.89	282	7.59	342	11.5	392	15.7	437	20.1
18000	1906	0.227	211	4.49	285	8.55	344	12.9	394	17.4	439	22.1
20000	2118	0.280	216	5.16	288	9.57	346	14.2	396	19.1	441	24.1
22000	2329	0.338	222	5.90	292	10.7	349	15.7	399	20.9	443	26.3
24000	2541	0.403	228	6.72	296	11.8	352	17.2	401	22.8	445	28.5
26000	2753	0.473	235	7.64	300	13.1	356	18.8	404	24.7	448	30.8
28000	2965	0.548			305	14.4	360	20.5	407	26.8	450	33.2
30000	3177	0.629			311	15.8	364	22.3	411	28.9	453	35.7
32000	3388	0.716			317	17.4	368	24.1	415	31.1	457	38.3
34000	3600	0.808			323	19.1	373	26.1	419	33.5	460	41.0
36000	3812	0.906			330	20.9	379	28.3	423	36.0	464	43.8
38000	4024	1.01					384	30.5	428	38.5	468	46.8
40000	4236	1.12					390	32.9	433	41.3	473	49.9
42000	4447	1.23					397	35.5	438	44.1	477	53.1
44000	4659	1.35					404	38.2	444	47.2	482	56.4
			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	6		7		8		9		10	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
18000	1906	0.227	479	27.0	517	32.0						
20000	2118	0.280	481	29.4	518	34.7	553	40.3	586	45.9		
22000	2329	0.338	483	31.9	520	37.6	555	43.4	587	49.4	618	55.6
24000	2541	0.403	485	34.4	522	40.5	556	46.7	589	53.0	620	59.5
26000	2753	0.473	487	37.1	524	43.5	558	50.1	590	56.7	621	63.6
28000	2965	0.548	490	39.8	526	46.6	560	53.5	592	60.5	623	67.7
30000	3177	0.629	492	42.7	529	49.8	563	57.1	595	64.4	625	71.9
32000	3388	0.716	495	45.6	531	53.1	565	60.7	597	68.5	627	76.3
34000	3600	0.808	499	48.7	534	56.5	568	64.5	599	72.6	630	80.8
36000	3812	0.906	502	51.9	537	60.1	571	68.4	602	76.8	632	85.4
38000	4024	1.01	506	55.2	541	63.7	574	72.4	605	81.2	635	90.1
40000	4236	1.12	510	58.6	544	67.5	577	76.5	608	85.7	638	95.0
42000	4447	1.23	514	62.2	548	71.4	581	80.8	611	90.3	641	100.0
44000	4659	1.35	518	65.9	552	75.5	584	85.2	615	95.1	644	105
46000	4871	1.48	523	69.7	556	79.7	588	89.8	618	100	647	110
48000	5083	1.61	528	73.8	561	84.1	592	94.5	622	105	651	115
50000	5295	1.75	533	78.0	566	88.6	597	99.4	626	110	655	121
52000	5506	1.89	539	82.3	571	93.3	601	104	631	115	659	127
			Total Pressure—Inches of Water									
CFM	Outlet Velocity	Outlet V.P.	11		12		13		14		15	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
24000	2541	0.403	649	66.1	677	72.8	704	79.6				
26000	2753	0.473	650	70.5	678	77.5	705	84.7	731	92.0	756	99.4
28000	2965	0.548	652	75.0	680	82.4	707	89.9	733	97.5	758	105
30000	3177	0.629	654	79.6	682	87.3	709	95.2	734	103	759	111
32000	3388	0.716	656	84.3	684	92.4	710	100	736	108	761	117
34000	3600	0.808	658	89.1	686	97.5	712	106	738	114	763	123
36000	3812	0.906	661	94.1	688	102	715	111	740	120	765	129
38000	4024	1.01	663	99.1	691	108	717	117	742	126	767	136
40000	4236	1.12	666	104	693	113	719	123	745	133	769	142
42000	4447	1.23	669	109	696	119	722	129	747	139	772	149
44000	4659	1.35	672	115	699	125	725	135	750	146	774	156
46000	4871	1.48	675	120	702	131	728	142	753	152	777	163
48000	5083	1.61	679	126	705	137	731	148	756	159	780	170
50000	5295	1.75	682	132	709	143	734	155	759	166	783	178
52000	5506	1.89	686	138	712	150	737	162	762	173	786	185

Note: Shaded area indicates range of optimum performance.

Type K Exhausters

Exhauster Dimensions



NOTES:

1. All dimensions in inches.
2. Blower convertible to any discharge.
3. All arrangement views taken from shaft side of fan.
4. Type "K" exhauster is reversible.
5. Bottom horizontal and bottom angular up discharges only.
6. Access door location standard as shown.
7. For inlet and outlet flange drilling see U88P-21102.
8. Approximate.

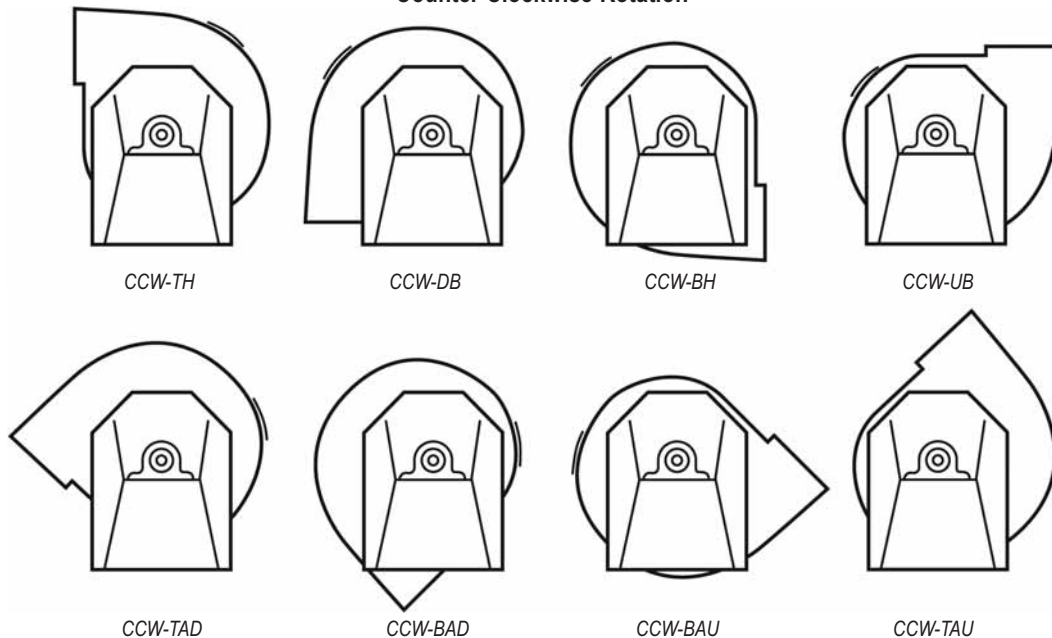
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7	7	10 1/2	9 5/8	9	12 1/8	7 5/8	10 3/8	7 1/2	5 3/4	17 1/8	1 5/16	1/4	3	11 1/4	9	12 1/2	1 7/8	2 3/8	13 1/2	5	9	4		9/16		1 3/4	1/2
9	9	13 1/4	10 13/16	11 1/16	15	9 5/16	12 13/16	9 1/4	7 1/8	17 13/16	1 5/16	1/4	3	11 1/4	9	12 1/2	1 7/8	2 3/8	16 1/4	5	9	4 11/16		9/16		1 3/4	1/2
11	11	17	12 13/16	13 7/16	18 1/8	11 5/16	15 5/16	11 1/4	8 3/8	26 5/8	1 3/16	1/4	3 3/16	18 3/4	17	20 1/2	2 1/8	3 1/2	20	9 1/2	16 1/2	5 7/16		9/16		1 3/4	1
13	13	20	14 7/8	15 7/8	21 5/8	13 3/8	18 3/8	13 3/4	10 5/8	28 7/16	1 15/16	1/2	4 1/2	18 7/8	18 9/16	23 3/8	2 3/8	3 1/2	24	10 11/16	10	12 1/4	6 1/2	1 1/16		2 1/2	1 3/8
15	15	22	16 15/16	18 3/16	25	15 7/16	21 3/16	15 1/4	11 5/8	35 15/16	1 15/16	1/2	5 1/4	24 7/8	22 1/2	27 1/2	2 3/8	4 1/4	27	12 3/8	15	13	7 1/4	1 1/16		2 1/2	1 3/8
17	17	25 1/2	19	20 3/4	28 3/8	17 1/2	24	17 1/4	13 3/4	37 1/4	1 15/16	1/2	5 1/4	25 3/8	24	30 1/2	2 3/8	4 1/4	30 1/2	13 3/8	15	13 13/16	8 1/16	1 1/16		2 1/2	1 3/8
19	19	28	20 15/16	23 1/16	31 3/8	19 7/16	26 11/16	19 1/4	14 3/4	42	1 15/16	1/2	5 1/4	29 3/8	25 13/16	33 3/4	2 3/8	4 1/4	34	14 3/4	19	14 9/16	8 13/16	1 1/16		2 1/2	1 3/8
21	21	30 1/2	23	25 3/8	34 15/16	21 5/8	29 3/8	21 3/8	16 3/8	42 13/16	2 3/16	1/2	5 1/4	29 3/8	30 1/16	37	2 3/8	4 1/4	37 1/2	16 3/8	19	15 3/8	9 5/8	1 1/16		2 1/2	1 3/8
23	23	34	25 1/16	28 1/16	38 1/8	23 11/16	32 7/16	23 3/8	17 7/8	45 13/16	2 3/16	1/2	6 1/4	30 5/8	31 1/4	40 1/2	2 3/8	5 1/4	41	17 1/4	21	16 7/8	10 3/8	1 1/16		2 1/2	1 3/8
26	26	38	28	31 3/8	43 3/16	26 3/8	36 3/8	26 3/8	20 5/8	51 11/16	2 7/16	5/8	6 1/4	35 3/8	33 1/2	45 1/4	2 3/8	5 1/8	45	18 3/8	25	17 1/4	11 1/2	1 3/16		2 1/2	1 3/8
30	30	44	32 1/8	36 3/8	50 5/8	30 7/8	42 3/8	30 1/2	23 1/2	60 1/2	2 15/16	3/4	8 1/4	40 1/2	33	32 7/8	3 3/4	7 1/8	52	18 1/4	28 7/8	20 5/8	13 13/16	1 13/16	14 1/2	3	1 3/4
34	34	50	36 1/4	41 1/2	56 3/8	35	48	34 1/2	26 1/2	65 1/2	3 3/16	3/4	9 1/4	43	37 1/2	37 3/8	3 3/4	8 1/8	59	20 1/2	31 1/16	21 5/16	15 3/16	1 13/16	16 3/4	3	1 3/4
38	38	54 1/2	40 5/8	46 3/8	63 3/8	38 7/8	53 1/2	38 1/2	29 3/8	74 1/16	3 1/16	7/8	11 1/4	48 1/2	42 1/2	42 3/8	3 3/4	9 7/8	66 1/2	23	35 3/4	24 1/16	16 3/4	1 3/16	19 1/4	3	1 3/4
42	42	60 1/2	44 5/8	51	69 3/4	42 7/8	59	42 1/2	32 3/8	78 15/16	3 15/16	1	12 1/4	50 1/2	47	46 7/8	3 3/4	10 3/4	72 1/2	26	38 1/4	25 1/16	19	1 3/16	21 1/2	4	2 1/2

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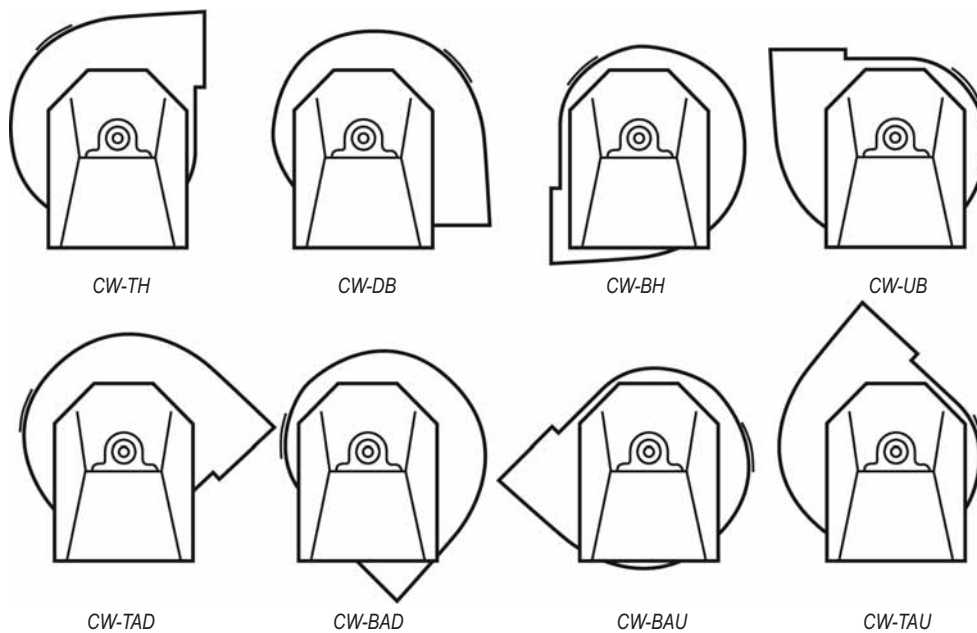
Type K Exhausters

Exhauster Discharge Arrangement

Counter Clockwise Rotation



Clockwise Rotation



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