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PERFORMANCE TABLES

Wheel Diameter: **12.25"**
 Outlet Area: **.860 sq. Ft.**
 Maximum RPM: **3590**
 Tip Speed in FPM: **3.21 x RPM**

Series **CMB-14**: 1.5 hp

Other horsepower available through 5 hp

CFM	Outlet Velocity	1/4" SP RPM BHP	1/2" SP RPM BHP	3/4" SP RPM BHP	1" SP RPM BHP	1 1/4" SP RPM BHP	1 1/2" SP RPM BHP	1 3/4" SP RPM BHP	2" SP RPM BHP
680	800	921 0.054	1088 0.097	1223 0.129					
765	900	995 0.065	1154 0.119	1253 0.151	1376 0.184				
850	1000	1067 0.086	1228 0.151	1339 0.173	1430 0.205	1525 0.259			
935	1100	1142 0.108	1305 0.173	1403 0.205	1497 0.248	1579 0.291	1678 0.335		
1020	1200	1231 0.129	1381 0.194	1471 0.238	1567 0.281	1638 0.324	1742 0.378	1830 0.443	
1105	1300	1319 0.162	1452 0.216	1536 0.259	1631 0.324	1697 0.367	1817 0.432	1887 0.486	1975 0.551
1190	1400	1434 0.194	1525 0.259	1608 0.281	1697 0.356	1767 0.410	1897 0.486	1957 0.541	2027 0.593
1275	1500	1492 0.226	1595 0.292	1689 0.345	1773 0.421	1842 0.464	1959 0.540	2022 0.604	2090 0.668
1360	1600	1559 0.248	1682 0.335	1768 0.389	1837 0.453	1918 0.518	2017 0.625	2084 0.657	2154 0.731
1445	1700	1622 0.291	1755 0.378	1847 0.443	1924 0.518	1998 0.572	2084 0.646	2152 0.731	2215 0.795
1530	1800	1701 0.335	1846 0.432	1963 0.497	2014 0.574	2062 0.625	2153 0.721	2228 0.795	2290 0.880
1615	1900	1787 0.378	1949 0.486	2050 0.562	2096 0.636	2149 0.699	2220 0.784	2302 0.890	2370 0.946
1700	2000		2037 0.551	2144 0.625	2196 0.710	2238 0.774	2291 0.858	2378 0.975	2451 1.094
1870	2200		2118 0.689	2293 0.763	2349 0.869	2392 0.933	2434 1.039	2507 1.123	2587 1.237
2040	2400		2195 0.859	2445 0.954	2496 1.018	2538 1.092	2580 1.206	2647 1.321	2735 1.466
2210	2600		2440 1.060	2607 1.144	2661 1.206	2700 1.300	2744 1.425	2782 1.539	2892 1.695
2380	2800			2770 1.362	2839 1.487	2862 1.539	2913 1.945	2935 1.976	3043 1.997
2550	3000			2833 1.622	3014 1.747	3041 1.830	3043 1.977	3090 2.070	3197 2.203
2720	3200			2996 1.893	3191 2.049	3214 2.091	3273 2.264	3242 2.346	3355 2.509
2890	3400			3156 2.142	3368 2.325	3388 2.427	3447 2.621	3458 2.713	3516 2.846

CFM = Cubic Feet/Minute SP = Static Pressure RPM = Revolutions / Minute BHP = Brake Horsepower

CFM	Outlet Velocity	2 1/2" SP RPM BHP	3" SP RPM BHP	3 1/2" SP RPM BHP	4" SP RPM BHP	4 1/2" SP RPM BHP	5" SP RPM BHP	5 1/2" SP RPM BHP	6" SP RPM BHP
680	800								
765	900								
850	1000								
935	1100								
1020	1200								
1105	1300								
1190	1400								
1275	1500	2282 0.848							
1360	1600	2317 0.901	2435 1.028						
1445	1700	2366 0.964	2457 1.071	2574 1.206					
1530	1800	2420 1.028	2492 1.134	2617 1.279	2725 1.435				
1615	1900	2475 1.092	2538 1.217	2651 1.373	2783 1.529	2877 1.685	2985 1.851		
1700	2000	2537 1.185	2593 1.269	2733 1.477	2847 1.653	2945 1.830	3028 1.965		
1870	2200	2682 1.393	2717 1.497	2852 1.685	2978 1.893	3065 2.071	3131 2.173	3245 2.305	3437 2.764
2040	2400	2824 1.612	2874 1.737	2976 1.945	3111 2.152	3215 2.387	3275 2.468	3437 2.866	3527 3.060
2210	2600	2963 1.861	3038 2.017	3110 2.172	3239 2.438	3371 2.917	3431 2.795	3557 3.203	3599 3.417
2380	2800	3114 2.101	3191 2.285	3259 2.468	3371 2.754	3514 3.050	3554 3.131		
2550	3000	3265 2.376	3331 2.591	3419 2.805	3523 3.091	3596 3.407			
2720	3200	3401 2.703	3484 2.917	3558 3.152					
2890	3400	3556 3.029	3598 3.244						

Performances shown are for installation type D (Ducted inlet, Ducted outlet). Power rating (BHP) does not include drive losses. Performance ratings do not include the effects of appurtenances in the airstream.