

8/10105

Wheel Diameter: 10.625"

Outlet Area: .730 sq. Ft.

Maximum RPM: 3700

Tip Speed in FPM: 2.78 x RPM

Series CMB 8: .75 hp

Series CMB 10: 1 hp

Other horsepower available through 1.5 hp

CFM	Outlet Velocity	1/4" SP		3/8" SP		1/2" SP		5/8" SP		3/4" SP		1" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
365	500	943	0.026	1078	0.039	1201	0.053	1314	0.067	1418	0.083	1606	0.114
438	600	1018	0.034	1146	0.047	1259	0.062	1365	0.078	1464	0.095	1647	0.131
511	700	1100	0.043	1219	0.058	1328	0.073	1427	0.090	1520	0.108	1695	0.147
584	800	1189	0.054	1299	0.071	1402	0.088	1497	0.105	1586	0.124	1751	0.165
657	900	1284	0.068	1384	0.086	1480	0.105	1571	0.124	1657	0.144	1815	0.185
730	1000	1383	0.084	1475	0.104	1564	0.124	1650	0.145	1732	0.167	1885	0.210
803	1100	1482	0.104	1570	0.125	1653	0.146	1733	0.169	1811	0.192	1959	0.238
876	1200	1584	0.126	1669	0.149	1745	0.172	1821	0.196	1895	0.221	2035	0.272
949	1300	1688	0.152	1768	0.176	1842	0.201	1912	0.227	1981	0.253	2116	0.307
1022	1400	1794	0.183	1868	0.208	1941	0.234	2007	0.261	2072	0.289	2200	0.346
1095	1500	1902	0.218	1972	0.243	2041	0.271	2106	0.299	2166	0.329	2287	0.389
1168	1600	2008	0.258	2076	0.283	2140	0.313	2205	0.342	2264	0.373	2378	0.436
1241	1700	2118	0.302	2182	0.329	2243	0.359	2304	0.391	2363	0.422	2471	0.488
1314	1800	2230	0.352	2290	0.381	2347	0.410	2404	0.444	2462	0.477	2568	0.545
1387	1900			2396	0.437	2452	0.467	2507	0.501	2562	0.537	2667	0.607
1460	2000			2504	0.499	2559	0.531	2611	0.565	2663	0.602	2765	0.676
1606	2200			2726	0.643	2773	0.678	2823	0.713	2870	0.749	2964	0.832
1752	2400					2991	0.851	3037	0.890	3081	0.927	3168	1.01
1898	2600					3215	1.05	3252	1.09	3297	1.13	3376	1.22
2044	2800							3474	1.33	3510	1.37	3589	1.46

PERFORMANCE TABLES														CFM	Outlet Velocity						
1/4" SP		1 1/2" SP		1 1/4" SP		2" SP		2 1/2" SP		3" SP		3 1/2 " SP		4 " SP		4 1/2" SP		5" SP			
RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP		
1775	0.147	1930	0.182	2074	0.218															365	500
1812	0.168	1963	0.205	2103	0.245	2236	0.287	2479	0.374											438	600
1854	0.189	2002	0.233	2140	0.276	2269	0.319	2509	0.412	2728	0.512	2931	0.614							511	700
1904	0.209	2047	0.257	2181	0.306	2308	0.355	2543	0.454	2759	0.557	2959	0.668	3147	0.782	3325	0.900			584	800
1961	0.231	2098	0.281	2229	0.334	2352	0.388	2583	0.499	2795	0.609	2992	0.722	3178	0.843	3354	0.969	3521	1.09	657	900
2025	0.257	2157	0.308	2281	0.362	2402	0.420	2627	0.540	2836	0.663	3030	0.786	3212	0.909	3385	1.03	3551	1.17	730	1000
2095	0.288	2222	0.339	2342	0.395	2457	0.454	2676	0.580	2880	0.712	3071	0.847	3252	0.983	3422	1.11	3585	1.25	803	1100
2167	0.323	2291	0.376	2408	0.432	2519	0.492	2730	0.621	2929	0.760	3116	0.904	3294	1.05	3462	1.19			876	1200
2243	0.362	2364	0.418	2477	0.476	2586	0.536	2790	0.667	2982	0.808	3166	0.960	3340	1.11	3506	1.27			949	1300
2322	0.405	2439	0.464	2550	0.525	2656	0.587	2854	0.719	3041	0.863	3218	1.01	3389	1.17	3553	1.34			1022	1400
2404	0.451	2517	0.515	2625	0.578	2728	0.643	2923	0.778	3105	0.923	3277	1.08	3443	1.24					1095	1500
2489	0.501	2598	0.568	2702	0.636	2803	0.704	2994	0.843	3172	0.991	3340	1.14	3501	1.31					1168	1600
2577	0.556	2682	0.626	2783	0.698	2881	0.771	3067	0.916	3242	1.06	3407	1.22	3564	1.39					1241	1700
2669	0.616	2768	0.689	2866	0.764	2961	0.840	3143	0.993	3315	1.14	3476	1.31							1314	1800
2762	0.682	2858	0.757	2951	0.835	3044	0.915	3220	1.07	3388	1.23	3548	1.40							1387	1900
2859	0.752	2950	0.832	3039	0.912	3128	0.994	3300	1.16	3465	1.33									1460	2000
3056	0.912	3140	0.997	3223	1.08	3305	1.17	3467	1.35											1606	2200
3255	1.10	3338	1.18	3415	1.28															1752	2400
3456	1.31	3537	1.41																	1898	2600
3663	1.56																			2044	2800

Wheel Diameter: **10.625"**  
Outlet Area: **.730 sq. Ft.**  
Maximum RPM: **3700**  
Tip Speed in FPM: **2.78 x RPM**

Series **CMB 8:** .75 hp  
Series **CMB 10:** 1 hp

Other horsepowerws available through 1.5 hp

1¼" SP		1½" SP		1¾" SP		2" SP		2½" SP		3" SP		3½ " SP		4 " SP		4 ½" SP		5" SP		CFM	Outlet Velocity		
RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP				
1775	0.147	1930	0.182	2074	0.218	2236	0.287	2479	0.374	2728	0.512	2931	0.614	3147	0.782	3325	0.900	3521	1.09	365	500		
1812	0.168	1963	0.205	2103	0.245															438	600		
1854	0.189	2002	0.233	2140	0.276															511	700		
1904	0.209	2047	0.257	2181	0.306															584	800		
1961	0.231	2098	0.281	2229	0.334															657	900		
2025	0.257	2157	0.308	2281	0.362	2402	0.420	2627	0.540	2836	0.663	3030	0.786	3212	0.909	3385	1.03	3551	1.17	730	1000		
2095	0.288	2222	0.339	2342	0.395	2457	0.454	2676	0.580	2880	0.712	3071	0.847	3252	0.983	3422	1.11	3585	1.25	803	1100		
2167	0.323	2291	0.376	2408	0.432	2519	0.492	2730	0.621	2929	0.760	3116	0.904	3294	1.05	3462	1.19			876	1200		
2243	0.362	2364	0.418	2477	0.476	2586	0.536	2790	0.667	2982	0.808	3166	0.960	3340	1.11	3506	1.27			949	1300		
2322	0.405	2439	0.464	2550	0.525	2656	0.587	2854	0.719	3041	0.863	3218	1.01	3389	1.17	3553	1.34			1022	1400		
2404	0.451	2517	0.515	2625	0.578	2728	0.643	2923	0.778	3105	0.923	3277	1.08	3443	1.24	3564	1.39			1095	1500		
2489	0.501	2598	0.568	2702	0.636	2803	0.704	2994	0.843	3172	0.991	3340	1.14	3501	1.31			1168	1600				
2577	0.556	2682	0.626	2783	0.698	2881	0.771	3067	0.916	3242	1.06	3407	1.22	3501	1.31			1241	1700				
2669	0.616	2768	0.689	2866	0.764	2961	0.840	3143	0.993	3315	1.14	3476	1.31					1314	1800				
2762	0.682	2858	0.757	2951	0.835	3044	0.915	3220	1.07	3388	1.23	3548	1.40					1387	1900				
2859	0.752	2950	0.832	3039	0.912	3128	0.994	3300	1.16	3465	1.33									1460	2000		
3056	0.912	3140	0.997	3223	1.08	3305	1.17	3467	1.35			3305	1.17									1606	2200
3255	1.10	3338	1.18	3415	1.28	3490	1.37															1752	2400
3456	1.31	3537	1.41																			1898	2600
3663	1.56																					2044	2800

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	
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
1105	1300	1319	0.162	1452	0.216	1536	0.259	1631	0.324	1697	0.367	1817	0.432
1190	1400	1434	0.194	1525	0.259	1608	0.281	1697	0.356	1767	0.410	1897	0.486
1275	1500	1492	0.226	1595	0.292	1689	0.345	1773	0.421	1842	0.464	1959	0.540
1360	1600	1559	0.248	1682	0.335	1768	0.389	1837	0.453	1918	0.518	2017	0.625
1445	1700	1622	0.291	1755	0.378	1847	0.443	1924	0.518	1998	0.572	2084	0.646
1530	1800	1701	0.335	1846	0.432	1963	0.497	2014	0.574	2062	0.625	2153	0.721
1615	1900	1787	0.378	1949	0.486	2050	0.562	2096	0.636	2149	0.699	2220	0.784
1700	2000			2037	0.551	2144	0.625	2196	0.710	2238	0.774	2291	0.858
1870	2200			2118	0.689	2293	0.763	2349	0.869	2392	0.933	2434	1.039
2040	2400			2195	0.859	2453	0.954	2496	1.018	2538	1.092	2580	1.206
2210	2600			2440	1.060	2607	1.144	2661	1.206	2700	1.300	2744	1.425
2380	2800					2770	1.362	2839	1.487	2862	1.539	2913	1.945
2550	3000					2833	1.622	3014	1.747	3041	1.830	3043	1.977
2720	3200					2996	1.893	3191	2.049	3214	2.091	3273	2.264
2890	3400					3156	2.142	3368	2.325	3388	2.427	3447	2.621

1 1/4" SP RPM    BHP	2" SP RPM    BHP	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	CFM	Outlet Velocity
										680 765 850 935 1020	800 900 1000 1100 1200
1830   0.443											
1887   0.486 1957   0.541 2022   0.604 2084   0.657 2152   0.731	1975   0.551 2027   0.593 2090   0.668 2154   0.731 2215   0.795									1105 1190 1275 1360 1445	1300 1400 1500 1600 1700
2228   0.795 2302   0.890 2378   0.975 2507   1.123 2647   1.321	2290   0.880 2370   0.946 2451   1.094 2587   1.237 2735   1.466	2420   1.028 2475   1.092 2537   1.185 2682   1.393 2824   1.612	2492   1.134 2538   1.217 2593   1.269 2717   1.497 2874   1.737	2617   1.279 2651   1.373 2733   1.477 2852   1.685 2976   1.945	2725   1.435 2783   1.529 2847   1.653 2978   1.893 3111   2.152	2877   1.685 2945   1.830 3065   2.071 3215   2.387	2985   1.851 3028   1.965 3131   2.173 3275   2.468			1530 1615 1700 1870 2040	1800 1900 2000 2200 2400
2782   1.539 2935   1.976 3090   2.070 3242   2.346 3458   2.713	2892   1.695 3043   1.997 3197   2.203 3355   2.509 3516   2.846	2963   1.861 3114   2.101 3265   2.376 3401   2.703 3556   3.029	3038   2.017 3191   2.285 3331   2.591 3484   2.917 3598   3.244	3110   2.172 3259   2.468 3419   2.805 3558   3.152	3239   2.438 3371   2.754 3523   3.091	3371   2.917 3514   3.050 3596   3.407	3431   2.795 3554   3.131	3557   3.203	3599   3.417	2210 2380 2550 2720 2890	2600 2800 3000 3200 3400

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	
840	800	756	0.056	919	0.093	1055	0.135						
945	900	815	0.069	951	0.109	1097	0.155	1209	0.203				
1050	1000	876	0.084	996	0.128	1132	0.176	1249	0.228	1350	0.281		
1155	1100	938	0.101	1051	0.150	1164	0.199	1290	0.256	1388	0.313	1480	0.371
1260	1200	1002	0.122	1109	0.175	1207	0.227	1320	0.284	1432	0.347	1519	0.409
1365	1300	1066	0.146	1169	0.202	1260	0.259	1356	0.317	1464	0.382	1564	0.451
1470	1400	1132	0.173	1230	0.233	1317	0.294	1401	0.355	1496	0.420	1596	0.492
1575	1500	1198	0.204	1293	0.266	1377	0.333	1454	0.398	1535	0.464	1627	0.536
1680	1600	1265	0.238	1355	0.304	1436	0.375	1511	0.445	1584	0.514	1663	0.586
1785	1700	1332	0.276	1419	0.346	1498	0.420	1570	0.496	1639	0.569	1709	0.643
1890	1800	1401	0.318	1483	0.393	1560	0.470	1630	0.550	1696	0.629	1760	0.706
1995	1900	1471	0.365	1548	0.444	1622	0.524	1690	0.608	1755	0.692	1817	0.775
2100	2000			1614	0.501	1685	0.583	1753	0.671	1815	0.760	1875	0.847
2310	2200			1747	0.629	1814	0.719	1877	0.811	1937	0.909	1993	1.00
2520	2400			1881	0.776	1944	0.877	2004	0.976	2062	1.07	2116	1.18
2730	2600					2077	1.06	2132	1.16	2187	1.27	2241	1.38
2940	2800					2209	1.26	2263	1.38	2316	1.49	2365	1.61
3150	3000					2345	1.50	2397	1.62	2444	1.75	2494	1.87

25

150

Wheel Diameter: 15"

Outlet Area: 1.290 sq. Ft.

Maximum RPM: 2920

Tip Speed in FPM: 3.93 x RPM

Series CMB 25: 3 hp

Other horsepower available through 7.5 hp

30

182

Wheel Diameter: 18.25"

Outlet Area: 1.920 sq. Ft.

Maximum RPM: 2400

Tip Speed in FPM: 4.78 x RPM

Series CMB 30: 5 hp

Other horsepower available through 10 hp

32

200

Wheel Diameter: 20"

Outlet Area: 2.300 sq. Ft.

Maximum RPM: 2200

Tip Speed in FPM: 5.24 x RPM

Series CMB 32: 5 hp

Other horsepower available through 10 hp

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.

CFM	Outlet Velocity	¼" SP		½" SP		¾" SP		1" SP		1¼" SP		1½" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1048	800	696	0.07	843	0.12								
1179	900	742	0.08	888	0.14	997	0.19						
1310	1000	798	0.10	935	0.17	1041	0.22	1136	0.29				
1440	1100	856	0.13	973	0.19	1087	0.26	1178	0.32	1264	0.39		
1572	1200	915	0.15	1009	0.22	1134	0.29	1223	0.36	1304	0.44	1383	0.51
1702	1300	976	0.18	1064	0.25	1174	0.33	1269	0.41	1348	0.49	1421	0.57
1834	1400	1038	0.22	1121	0.29	1210	0.37	1316	0.46	1394	0.54	1466	0.63
1964	1500	1101	0.26	1178	0.33	1252	0.41	1355	0.51	1441	0.60	1512	0.69
2096	1600	1164	0.30	1236	0.33	1308	0.46	1391	0.56	1488	0.67	1558	0.76
2226	1700	1228	0.35	1295	0.44	1364	0.52	1428	0.61	1524	0.73	1605	0.84
2358	1800			1357	0.49	1422	0.59	1483	0.68	1560	0.79	1647	0.91
2488	1900			1419	0.56	1479	0.66	1540	0.75	1596	0.85	1683	0.98
2620	2000			1481	0.63	1538	0.73	1596	0.83	1652	0.94	1719	1.06
2881	2200			1607	0.80	1659	0.90	1712	1.02	1764	1.13	1814	1.24
3144	2400			1734	0.99	1783	1.11	1829	1.23	1879	1.35	1927	1.47
3405	2600					1909	1.34	1952	1.47	1996	1.60	2042	1.73
3668	2800					2035	1.61	2077	1.75	2117	1.88	2158	2.03
3929	3000					2163	1.91	2202	2.06	2441	2.21	2278	2.36
4192	3200							2329	2.41	2365	2.57	2401	2.73
4453	3400							2456	2.81	2491	2.97	2525	3.14

CFM	Outlet Velocity	¼" SP		½" SP		¾" SP		1" SP		1¼" SP		1½" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1552	800	542	0.102	658	0.173	762	0.251						
1746	900	582	0.124	685	0.203	784	0.286	876	0.378				
1940	1000	625	0.151	719	0.237	811	0.327	895	0.420	979	0.525		
2134	1100	670	0.183	755	0.275	738	0.373	922	0.473	996	0.575	1073	0.693
2328	1200	715	0.220	792	0.317	872	0.422	949	0.530	1023	0.640	1090	0.753
2522	1300	762	0.262	834	0.366	908	0.477	977	0.593	1049	0.710	1116	0.830
2716	1400	812	0.312	878	0.420	944	0.537	1012	0.660	1077	0.786	1143	0.913
2910	1500	861	0.368	922	0.481	982	0.603	1048	0.733	1109	0.866	1170	1.002
3104	1600	911	0.431	967	0.549	1025	0.678	1084	0.813	1144	0.953	1199	1.096
3298	1700	962	0.501	1013	0.624	1069	0.759	1121	0.899	1180	1.046	1234	1.197
3492	1800	1012	0.580	1059	0.707	1113	0.849	1163	0.995	1216	1.147	1270	1.304
3686	1900	1063	0.667	1108	0.801	1158	0.946	1207	1.099	1253	1.256	1306	1.420
3880	2000			1158	0.903	1203	1.053	1251	1.212	1295	1.375	1343	1.544
4268	2200			1257	1.136	1295	1.293	1340	1.465	1382	1.642	1423	1.821
4656	2400			1358	1.411	1393	1.581	1431	1.758	1471	1.948	1510	2.141
5044	2600			1459	1.731	1493	1.913	1525	2.099	1561	2.298	1598	2.504
5432	2800			1561	2.100	1593	2.295	1623	2.493	1653	2.695	1689	2.915
5820	3000					1694	2.730	1722	2.941	1750	3.154	1780	3.376
6208	3200					1795	3.221	1823	3.445	1849	3.671	1875	3.899
6596	3400					1897	3.772	1923	4.009	1949	4.248	1973	4.489

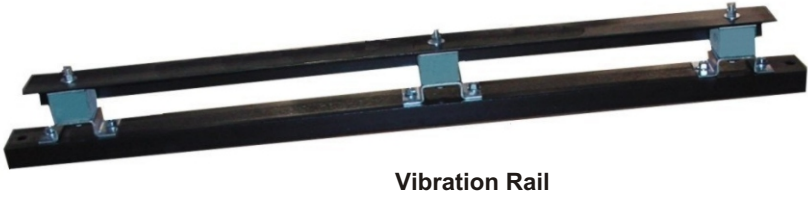
CFM	Outlet Velocity	¼" SP		½" SP		¾" SP		1" SP		1¼" SP		1½" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2070	900	535	0.138	644	0.231	726	0.320						
2300	1000	574	0.169	675	0.270	756	0.369	826	0.468				
2530	1100	615	0.204	700	0.307	788	0.424	857	0.532	919	0.640		
2760	1200	658	0.244	731	0.353	819	0.482	887	0.600	949	0.719	1005	0.837
2900	1300	702	0.292	767	0.407	845	0.537	919	0.675	979	0.802	1035	0.931
3220	1400	747	0.346	806	0.468	872	0.599	950	0.754	1011	0.893	1065	1.03
3450	1500	792	0.406	847	0.535	905	0.672	976	0.826	1042	0.989	1097	1.13
3680	1600	837	0.473	889	0.610	942	0.754	1003	0.907	1072	1.08	1158	1.25
3910	1700	882	0.549	932	0.693	981	0.845	1034	1.00	1096	1.17	1159	1.36
4140	1800			976	0.786	1022	0.944	1070	1.10	1124	1.28	1186	1.47
4370	1900			1021	0.889	1064	1.05	1108	1.22	1156	1.39	1211	1.58
4600	2000			1065	1.00	1106	1.16	1148	1.34	1191	1.53	1240	1.72
5060	2200			1155	1.25	1194	1.43	1231	1.62	1269	1.82	1308	2.02
5520	2400			1245	1.54	1282	1.75	1316	1.95	1351	2.16	1386	2.38
5980	2600					1372	2.11	1405	2.33	1436	2.55	1468	2.78
6440	2800					1462	2.52	1493	2.76	1523	2.99	1552	3.23
6900	3000					1553	2.98	1583	3.24	1612	3.50	1639	3.75
7360	3200							1673	3.78	1701	4.06	1727	4.33
7820	3400							1764	4.39	1791	4.68	1816	4.98

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

## Vibration Pads, Rails and Platforms

Car-Mon's exclusive vibration isolation pads are constructed of 12-gauge plated steel and a coated fiberglass isolation medium, with a rated capacity of 80 lbs. per pad. They can be supplied separately or on a vibration rail set of structural steel. Complete platforms for wall or ceiling mounting of fans and vibration rails are also available.

Other style isolators are available for fans exceeding the rated capacity of these pads.



Vibration Rail



Wall Platform  
Complete with Rails & Pads



Vibration Pad

### Optional Equipment

Vibration Pads\*   Vibration Rails\*   Mounting Platforms\*   Weather Covers\*   Backdraft Dampers\*  
Housing Drain Connections   Access Panels   Inlet and Discharge Screens   Inlet and Discharge Flanges  
Inlet and Discharge Transition Ducts   Canvas Connections   Disconnect Switches   Aluminum Wheels  
High Temperature Grease Bearings   Shaft Coolers and Guards   Explosion-Resistant Motors  
Explosion-Resistant Disconnect Switches

\*See specification below

### Optional Equipment Specification

A. Furnish vibration isolation pads of quantity and type to suit the fan(s). The pads will have 12 gauge frame and load plate and coated fiberglass medium.

B. Furnish vibration isolation rails of size and type to match the fan(s). The rails will be fabricated of structural steel angle supported by vibration pads mounted on channel.

C. The fan platform shall be of heavy duty, all welded construction. Both wall mount and ceiling suspension platforms shall use 1½" x 1½" x ⅝" angle iron. The 3" x 4.1 lb. base channel of the vibration rails shall be an integral part of platform assembly. The wall mount platform shall have 8 mounting holes and the suspension platform is to have 4 holes for locating suspension rods.

D. Furnish a hinged weather cover fabricated of 16 gauge cold rolled steel, painted inside and out with air dry phenolic synthetic resinous coating. The cover is to completely enclose the motor compartment and afford complete protection from the elements for the motor, fan shaft, bearings and V-belt drive.

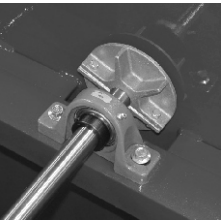
E. Furnish an automatic self-closing backdraft damper of all-aluminum construction. The blades are to be linked together so as to provide simultaneous movement. Each blade will have nylon bearings and a felt blade edge seal.

The fan(s) and accessories are to be manufactured by Car-Mon Products, Inc., of Elgin, Illinois

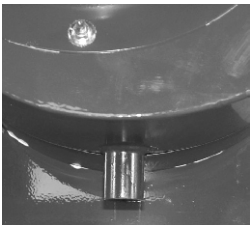
For fan requirements refer to fan schedule.



Backdraft Damper



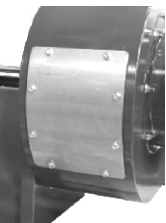
Shaft Cooler



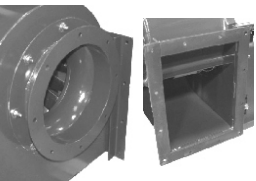
Housing Drain  
Connection



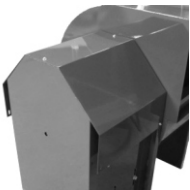
Inlet or Outlet  
Screen



Access Panel



Inlet or Outlet Flanges



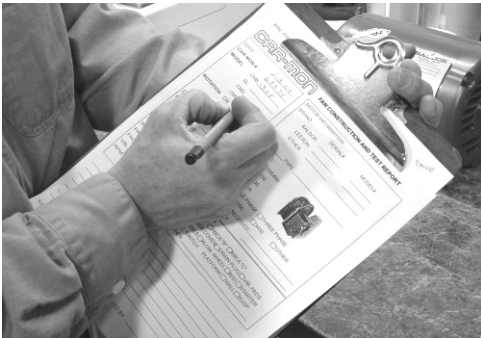
Weather Cover



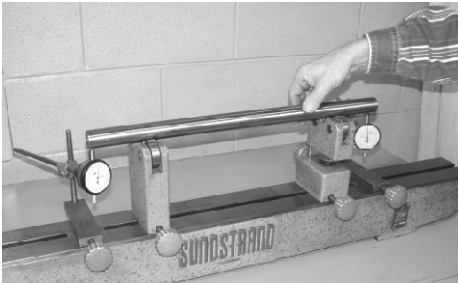
Explosion Resistant  
Starters, Disconnects,  
and Motors



Car-Mon builds fans with an extra measure of durability and an uncompromising emphasis on quality.



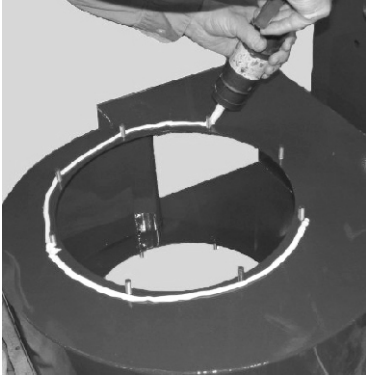
Each fan is individually registered with a fan report. All tests, as well as the type of drives, belts, motor, and special components are carefully recorded. This report becomes a permanent part of the record of each fan shipped.



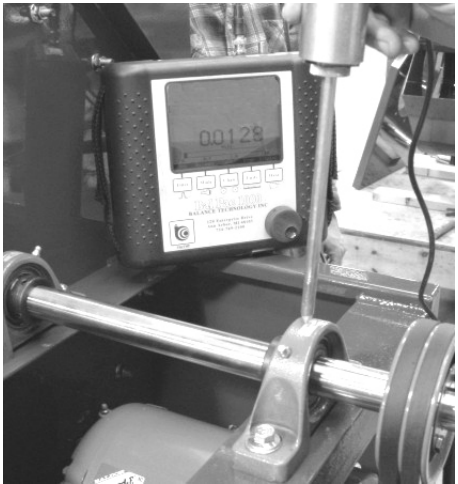
We inspect each shaft for straightness and proper diameter, maintaining tolerances of .001/ft on runout, checked at both ends, and .001" on the diameter. The hub bore is tested to the same .001" tolerance. Uniformity and standardization is strictly upheld.



In setting the fan and motor drives care is taken that they not only align vertically but are also parallel, assuring even tracking of the belts. On fans with double-groove pulleys, matched belts are used to guarantee uniform size and operating characteristics.



To make the housing airtight, fans are caulked between housing and fan frame, between inlet spinning and housing, and on fans with front housing supports, between the inlet spinning and the housing support. A non-hardening high elasticity vinyl caulk is used, making it possible to remount or reposition the housing in the field and still maintain an airtight seal.



Vibration and RPM readings are taken on every Car-Mon fan.\* Vibration is electronically measured at each bearing in both the horizontal and vertical planes. Any fan having an average reading of over 3 mils deflection is rejected. RPM is measured directly from the shaft's machined center to assure that the correct drive settings have been made.

CAR-MON DOES NOT TRIM BALANCE. Trim balancing is not an appropriate procedure for fans ventilating dirty air: balance weights on fan blades create turbulence that causes uneven loading of soot on the wheel, throwing the fan out of balance again in a matter of months. Any Car-Mon fan rejected in the final run tests is torn down, the faulty part replaced and the fan rebuilt to meet specifications.

\*The electronic probe used for the vibration analysis is equipped with a filter that sorts out secondary vibrations and reads only the primary frequency. When our fans are tested this filter is disengaged, so all vibration is measured.



After a fan passes all tests, the shaft is given an asphaltic coating to protect against corrosion. Should the shaft ever need to be removed, the coating cleans off easily with naphtha or mineral spirits, revealing a smooth, rust-free shaft that slides out easily.

PERFORMANCE TABLES

1¾" SP RPM    BHP	2" SP RPM    BHP	2½" SP RPM    BHP	3" SP RPM    BHP	3½ " SP RPM    BHP	4 " SP RPM    BHP	4 ¼" SP RPM    BHP	5" SP RPM    BHP	5 ½" SP RPM    BHP	6" SP RPM    BHP	CFM	Outlet Velocity
										1048 1179 1310 1440 1572	800 900 1000 1100 1200
1496 0.65 1534 0.71 1578 0.78 1624 0.85 1670 0.93	1602 0.80 1641 0.87 1686 0.95 1731 1.03	1769 1.06 1803 1.15 1845 1.24	1957 1.45							1702 1834 1964 2096 2226	1300 1400 1500 1600 1700
1717 1.02 1763 1.11 1799 1.19 1871 1.37 1973 1.60	1777 1.13 1824 1.22 1871 1.33 1945 1.52 2018 1.73	1890 1.34 1935 1.45 1981 1.56 2075 1.81 2153 2.05	1993 1.56 2038 1.67 2083 1.80 2174 2.06 2268 2.36	2102 1.79 2136 1.91 2178 2.04 2268 2.32 2359 2.64	2239 2.16 2273 2.29 2356 2.59 2446 2.92	2370 2.55 2439 2.86 2528 3.21	2462 2.81 2529 3.14 2607 3.50	2550 3.08 2616 3.43 2684 3.80	2700 3.72 2767 4.11	2358 2488 2620 2881 3144	1800 1900 2000 2200 2400
2086 1.87 2201 2.17 2317 2.51 2436 2.89 2558 3.31	2128 2.00 2242 2.31 2356 2.66 2473 3.05 2591 3.48	2226 2.30 2320 2.61 2432 2.97 2546 3.38 2661 3.83	2348 2.65 2420 2.95 2504 3.29 2615 3.71 2729 4.18	2453 2.98 2533 3.33 2606 3.67 2682 4.05 2793 4.53	2538 3.29 2632 3.66 2711 4.08 2783 4.47 2856 4.89	2619 3.59 2712 4.01 2806 4.47 2882 4.90	2697 3.90 2788 4.34 2881 4.82	2771 4.21 2862 4.67	2843 4.53	3405 3668 3929 4192 4453	2600 2800 3000 3200 3400

1¾" SP RPM    BHP	2" SP RPM    BHP	2½" SP RPM    BHP	3" SP RPM    BHP	3½ " SP RPM    BHP	4 " SP RPM    BHP	4 ¼" SP RPM    BHP	5" SP RPM    BHP	5 ½" SP RPM    BHP	6" SP RPM    BHP	CFM	Outlet Velocity
1161 0.881										1552 1746 1940 2134 2328	800 900 1000 1100 1200
1178 0.952 1205 1.042 1231 1.138 1258 1.241 1286 1.350	1244 1.089 1262 1.173 1289 1.276 1315 1.386 1342 1.503	1382 1.471 1398 1.567 1420 1.683 1447 1.815	1508 1.896 1524 2.010 1542 2.133	1642 2.495						2522 2716 2910 3104 3298	1300 1400 1500 1600 1700
1321 1.464 1356 1.587 1392 1.718 1465 2.006 1547 2.337	1370 1.627 1403 1.757 1439 1.894 1511 2.196 1584 2.537	1474 1.953 1501 2.100 1528 2.254 1596 2.584 1667 2.952	1568 2.286 1595 2.447 1622 2.616 1676 2.980 1744 3.376	1658 2.630 1683 2.801 1709 2.894 1762 3.378 1817 3.809	1753 3.022 1769 3.176 1791 3.358 1843 3.781 1897 4.242	1857 3.590 1873 3.763 1920 4.189 1973 4.679	1957 4.199 1992 4.602 2045 5.122	2069 5.541 2114 6.020	2146 5.541 2180 6.020	3492 3686 3880 4268 4656	1800 1900 2000 2200 2400
1634 2.713 1723 3.137 1813 3.611 1904 4.140 1998 4.732	1669 2.925 1756 3.362 1845 3.850 1935 4.392 2026 4.992	1740 3.681 1819 3.820 1906 4.334 1994 4.902 2083 5.529	1816 3.813 1889 4.295 1964 4.827 2050 5.422 2138 6.075	1887 4.273 1958 4.782 2031 5.341 2105 5.952 2190 6.630	1954 4.741 2024 5.277 2096 5.863 2169 6.502 2242 7.196	2027 5.210 2087 5.780 2158 6.393 2229 7.058 2302 7.780	2099 5.682 2153 6.286 2217 6.930 2288 7.622 2360 8.371	2167 6.639 2221 7.302 2276 8.013 2344 8.770	2233 6.639 2286 7.302 2340 8.013 2399 8.770	5044 5432 5820 6208 6596	2600 2800 3000 3200 3400

1¾" SP RPM    BHP	2" SP RPM    BHP	2½" SP RPM    BHP	3" SP RPM    BHP	3½ " SP RPM    BHP	4 " SP RPM    BHP	4 ¼" SP RPM    BHP	5" SP RPM    BHP	5 ½" SP RPM    BHP	6" SP RPM    BHP	CFM	Outlet Velocity
1087 1.05										2070 2300 2530 2760 2900	900 1000 1100 1200 1300
1117 1.16 1147 1.28 1178 1.40 1210 1.53 1241 1.67	1165 1.30 1195 1.43 1225 1.56 1256 1.70 1288 1.85	1285 1.73 1312 1.87 1342 2.03 1373 2.20	1422 2.37 1452 2.55	1527 2.91						3220 3450 3680 3910 4140	1400 1500 1600 1700 1800
1270 1.80 1294 1.93 1352 2.23 1422 2.59 1500 3.01	1319 2.00 1349 2.16 1400 2.45 1461 2.82 1533 3.25	1404 2.37 1436 2.56 1498 2.95 1549 3.31 1606 3.74	1482 2.75 1513 2.95 1576 3.38 1638 3.85 1690 4.29	1555 3.12 1585 3.34 1646 3.82 1709 4.33 1771 4.88	1626 3.51 1653 3.74 1713 4.25 1775 4.80 1838 5.40	1699 3.98 1721 4.15 1777 4.68 1837 5.27 1900 5.90	1789 4.65 1838 5.12 1897 5.74 1958 6.41	1859 5.15 1900 5.58 1954 6.21 2015 6.93	1926 5.63 1963 6.14 2010 6.69 2070 7.44	4370 4600 5060 5520 5980	1900 2000 2200 2400 2600
1582 3.48 1666 4.01 1752 4.60 1841 5.26	1612 3.74 169*4 4.28 1778 4.87 1864 5.54	1674 4.24 1750 4.82 1831 5.45 1931 6.14	1745 4.78 1810 5.37 1884 6.03 1963 6.76	1824 5.39 1878 5.95 1941 6.62 2031 7.37	1900 6.03 1951 6.60 2005 7.25 2068 8.01	1963 6.59 2024 7.30 2074 7.94 2128 8.67	2021 7.14 2084 7.91 2144 8.69 2193 9.39	2077 7.68 2140 8.50	2130 8.23 2193 9.08	6440 6900 7360 7820	2800 3000 3200 3400



35222

Wheel Diameter: **22.25"**  
Outlet Area: **2.840 sq. Ft.**  
Maximum RPM: **1980**  
Tip Speed in FPM: **5.83 x RPM**  
Series **CMB 35:** 7.5 hp

Other horsepower available through 15 hp

CFM	Outlet Velocity	1/4" SP		1/2" SP		3/4" SP		1" SP		1 1/4" SP		1 1/2" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2565	900	481	0.171	579	0.287	653	0.396						
2850	1000	516	0.209	606	0.335	680	0.458	743	0.579				
3135	1100	553	0.252	629	0.381	708	0.525	770	0.659	826	0.793		
3420	1200	592	0.303	657	0.437	736	0.598	798	0.744	853	0.890	903	1.03
3705	1300	631	0.361	689	0.504	760	0.666	826	0.837	880	0.994	930	1.15
3990	1400	671	0.428	725	0.580	784	0.742	854	0.934	908	1.10	957	1.27
4275	1500	712	0.503	761	0.663	814	0.832	877	1.02	937	1.22	986	1.40
4560	1600	752	0.586	799	0.756	847	0.934	901	1.12	964	1.34	1014	1.54
4845	1700	793	0.680	838	0.859	882	1.04	930	1.24	985	1.45	1042	1.69
5130	1800			877	0.975	919	1.17	961	1.37	1010	1.58	1066	1.83
5415	1900			918	1.10	956	1.30	996	1.51	1039	1.73	1088	1.96
5700	2000			957	1.24	994	1.44	1032	1.67	1071	1.89	1115	2.13
6270	2200			1038	1.55	1073	1.78	1106	2.01	1141	2.26	1176	2.51
6840	2400			1119	1.91	1153	2.17	1183	2.42	1214	2.68	1246	2.95
7410	2600					1233	2.61	1263	2.89	1290	3.16	1319	3.45
7980	2800					1314	3.12	1342	3.42	1369	3.71	1395	4.01
8550	3000					1396	3.70	1423	4.02	1449	4.34	1473	4.65
9120	3200							1504	4.69	1529	5.03	1553	5.37
9690	3400							1585	5.44	1610	5.80	1633	6.17

40270

Wheel Diameter: **27"**  
Outlet Area: **4.190 sq. Ft.**  
Maximum RPM: **1400**  
Tip Speed in FPM: **7.07 x RPM**  
Series **CMB 40:** 7.5 hp

Other horsepower available through 15 hp

CFM	Outlet Velocity	1/4" SP		3/8" SP		1/2" SP		5/8" SP		3/4" SP		1" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3780	900	397	0.254	431	0.327	464	0.404	498	0.485	531	0.570	595	0.754
4200	1000	426	0.310	458	0.392	488	0.473	518	0.559	548	0.649	608	0.840
4620	1100	454	0.377	486	0.465	514	0.554	541	0.645	569	0.739	623	0.939
5040	1200	485	0.456	515	0.547	541	0.646	566	0.743	591	0.842	641	1.052
5460	1300	518	0.542	543	0.643	570	0.748	593	0.853	616	0.959	663	1.177
5880	1400	549	0.644	571	0.752	598	0.860	622	0.976	643	1.089	686	1.318
6300	1500	582	0.763	605	0.875	626	0.988	650	1.108	672	1.232	712	1.474
6720	1600	616	0.898	636	1.008	655	1.133	679	1.255	700	1.386	738	1.646
7140	1700	650	1.045	668	1.159	687	1.293	707	1.321	729	1.553	766	1.833
7560	1800	684	1.211	701	1.333	720	1.465	735	1.604	757	1.741	795	2.034
7980	1900			734	1.525	751	1.656	768	1.806	785	1.948	823	2.248
8400	2000			768	1.740	783	1.866	801	2.019	814	2.175	852	2.481
9240	2200			836	2.213	849	2.364	864	2.508	880	2.679	908	3.017
10080	2400					917	2.944	930	3.108	943	3.265	970	3.644
10920	2600							997	3.807	1099	3.972	1035	4.340
11760	2800							1065	4.585	1076	4.797	1098	5.150
12600	3000									1144	5.696	1164	6.104
13440	3200											1231	7.186
14280	3400											1299	8.363

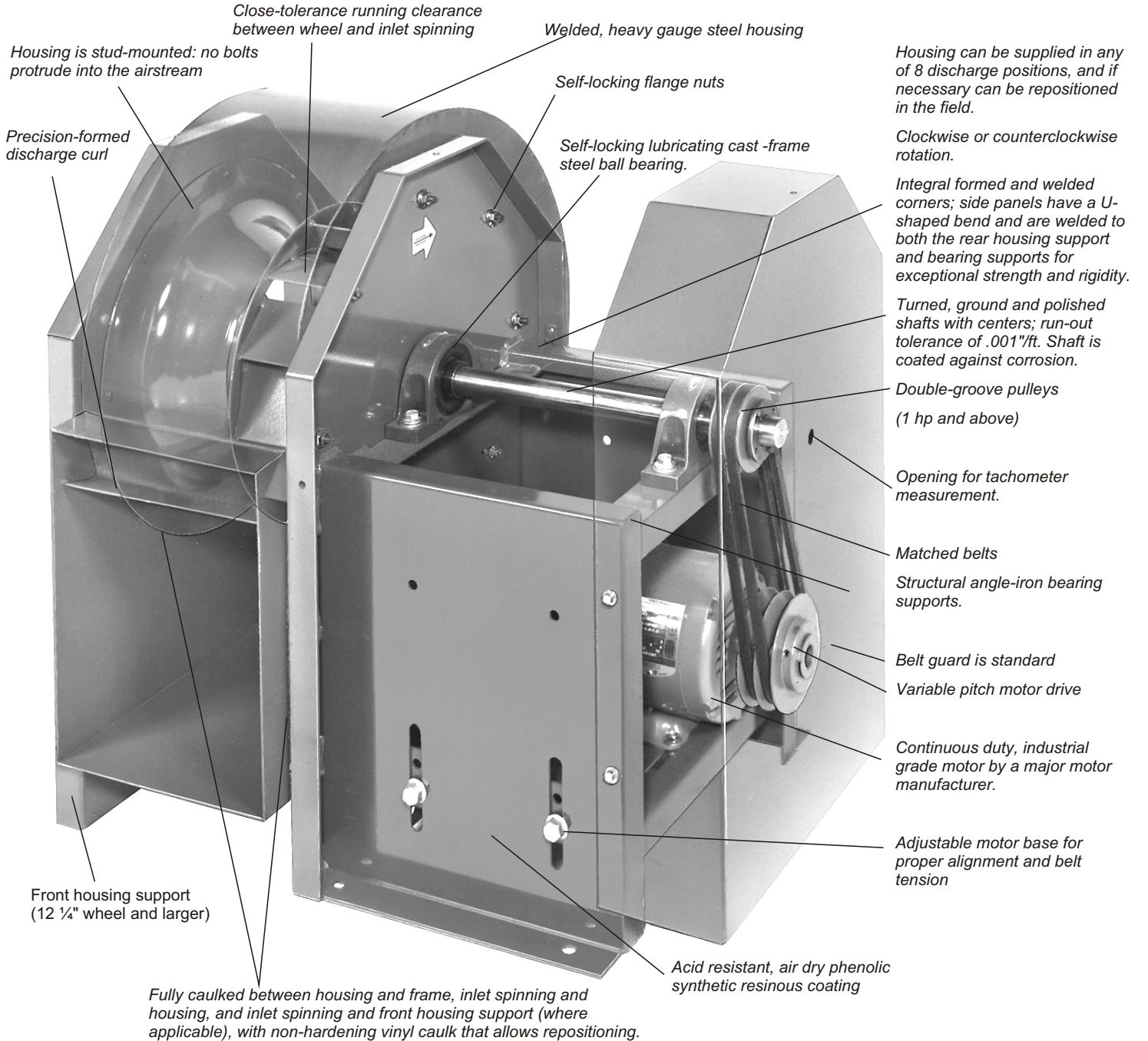
50300

Wheel Diameter: **30"**  
Outlet Area: **5.170 sq. Ft.**  
Maximum RPM: **1250**  
Tip Speed in FPM: **7.85 x RPM**  
Series **CMB 50:** 10 hp

Other horsepower available through 15 hp

CFM	Outlet Velocity	1/4" SP		3/8" SP		1/2" SP		5/8" SP		3/4" SP		1" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4635	900	358	0.312	388	0.401	418	0.495	448	0.594	479	0.699	535	0.925
5150	1000	384	0.380	412	0.480	439	0.581	466	0.686	493	0.796	547	1.030
5665	1100	409	0.462	438	0.571	463	0.680	487	0.791	512	0.907	561	1.152
6180	1200	437	0.559	463	0.671	487	0.792	510	0.911	533	1.033	578	1.290
6695	1300	466	0.665	489	0.788	513	0.917	534	1.047	555	1.175	597	1.444
7210	1400	494	0.789	515	0.922	539	1.054	560	1.196	579	1.335	618	1.616
7725	1500	524	0.936	545	1.073	564	1.212	586	1.359	605	1.510	641	1.807
8240	1600	554	1.101	573	1.236	590	1.389	611	1.539	631	1.700	665	2.018
8755	1700	585	1.282	601	1.421	619	1.586	636	1.742	656	1.904	690	2.248
9270	1800	615	1.485	631	1.634	648	1.796	662	1.967	681	2.135	716	2.494
9785	1900			660	1.870	676	2.030	692	2.215	707	2.389	742	2.757
10300	2000			691	2.134	705	2.288	721	2.476	733	2.667	767	3.042
11330	2200			752	2.713	765	2.899	777	3.075	792	3.285	818	3.699
12360	2400					825	3.610	837	3.811	849	4.004	874	4.469
13390	2600							898	4.668	908	4.871	932	5.321
14420	2800							959	5.622	969	5.881	988	6.315
15450	3000									1030	6.984	1048	7.485
16480	3200											1108	8.811
17510	3400											1169	10.255

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.



 Car-Mon products are American made, using American components.

**Where continuous ventilation is imperative, Car-Mon fans perform.**

In a critical safety application, a fan must provide absolute performance through years of continuous use. These fans, often inaccessibly placed, must do so with minimum maintenance. When a fan breaks down, workers' health can be seriously threatened and production curtailed.

This is why we build fans the way we do. Every measure possible is taken to assure definite, high-level performance. Heavy gauge, welded steel construction is used for the frame, motor base and housing. Our wheels produce the highest efficiency in their operating range - not only through

engineering design, but by attention to detail in manufacturing: accurate blade alignment, preparation of metal surfaces to prevent spatter accumulation, smooth welds, and dynamic balancing in two planes with weights welded on outside the airstream. Fans are coated inside and out with an acid resistant epoxy grade powder coating for exceptional resistance to corrosives. Each fan undergoes extensive quality control procedures, from initial components inspection to the final run tests. Every fan is individually built and tested.

The result is an exhaust fan you can rely on for the most dependable service possible.

### Belt Drive Centrifugal Fan Sample Specification

**Supplying all the fans on a job is not important to us, but supplying the important ones is.**

Carbon monoxide exhaust fan shall be the standard product of a United States exhaust system manufacturer and be licensed to bear AMCA seal for air performance.

The fan(s) shall be single inlet, single width, Arrangement 10 and shall have a backward inclined fan wheel with single thickness flat blades. The fan blades shall be continuously welded to both the shroud and the backplate. The fan blades shall be free of weld spatter. The hub shall be bolted to the fan wheel with Grade 5 bolts. The fan wheel shall be statically and dynamically balanced before assembly. Any required balance weights shall be welded to the outside of the shroud or backplate; no weights are to be installed in the blade airstream.

The bearings shall be of the pillow block type with cast steel frame and shall be bolted to the structural angle bearing supports. The fan shaft shall be fabricated of ground and polished cold drawn steel with machined centers and key slots for both the fan wheel and the drive sheave. It shall be given a rust inhibitive asphaltic coating after assembly. The V-belt drive shall be adjustable. The variable pitch sheave shall be factory set at the appropriate position to provide the specified capacity in the approximate midpoint of the adjustment range. All fans shall be provided with a belt guard enclosing both sheaves and V-belts. The belt guard shall have a tachometer hole. The drive shall have two V-belts and be rated for no less than 150% of motor load.

The scroll and side sheets of the fan housing shall be fabricated of cold rolled steel of 12-gauge minimum thickness. The scroll and side sheets shall be joined through continuous welding. Spot welded or standing seam construction is not acceptable. The fan housing shall have a minimum of 8 attachment studs welded to each side sheet, one to which the inlet cone and inlet support shall bolt, and the other to join the housing to the fan base. Any bolts, self tapping screws or fasteners that protrude into the housing interior are not acceptable.

The fan base and the inlet support shall be fabricated of cold rolled steel of 12-gauge minimum thickness. The bearing supports within the base shall be fabricated of cold rolled steel angles having a minimum 3/16" thickness and they shall be welded to the sides of the fan base. All seams in the individual components shall be continuous welded. The motor base shall be fabricated of cold rolled steel of 10-gauge minimum thickness. Its position shall be adjustable through the use of bolts that travel in slots in the sides of the fan base. A non-hardening, high elasticity caulking shall be applied during assembly between the mating surfaces of the fan housing and the fan base between the inlet cone and the fan housing, and, the inlet support and the inlet cone. All surfaces of the centrifugal fan shall be painted completely with an acid resistant, air-dry phenolic synthetic resinous coating.

## Testing:

The assembled fan shall be test run before shipment with "total frequency" vibration measured at each bearing in both the vertical and horizontal planes. Any fan having an average reading of over 3 mils deflection is not acceptable. **Balance report to be provided with installation and maintenance instructions.**

## Optional Fan Platform

Furnish wall mount or ceiling suspension fan platform of heavy duty, all welded construction. The platform shall use 1½" x 1½" x 3/16" angle iron. The 3" x 4.1 lb base channel of the vibration rails shall be an integral part of the platform assembly. The wall mount platform shall have 8 mounting holes and the suspension platform is to have 4 holes for locating suspension rods.

The fan(s) and accessories are to be manufactured by Car-Mon Products, Inc. of Elgin, Illinois.

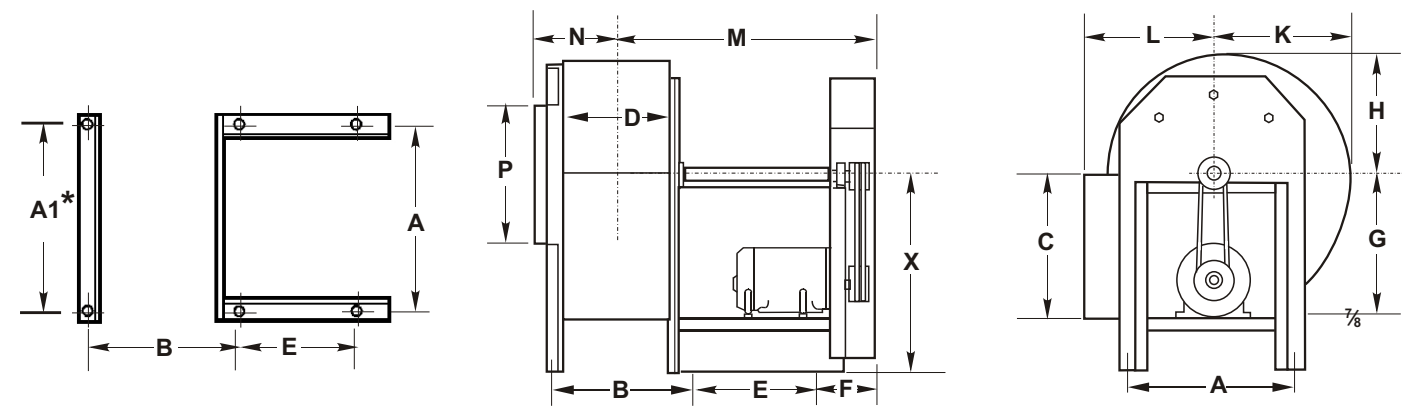
For fan requirements refer to fan schedule.

												PERFORMANCE TABLES																							
1¾" SP RPM    BHP		2" SP RPM    BHP		2½" SP RPM    BHP		3" SP RPM    BHP		3½ " SP RPM    BHP		4 " SP RPM    BHP		4 ½" SP RPM    BHP		5" SP RPM    BHP		5 ½" SP RPM    BHP		6" SP RPM    BHP		CFM	Outlet Velocity														
977    1.31																				2565	900														
																				2850	1000														
																				3135	1100														
																				3420	1200														
																				3705	1300														
1004    1.44 1031    1.59 1059    1.74 1087    1.90 1115    2.07	1047    1.61 1074    1.77 1101    1.93 1129    2.10 1157    2.29	1155    2.14 1179    2.32 1207    2.52 1234    2.73		1278    2.94 1305    3.17		1372    3.61														3990	1400														
4275	1500																																		
4560	1600																																		
4845	1700																																		
5130	1800																																		
1142    2.24 1164    2.39 1215    2.76 1278    3.22 1348    3.74	1186    2.48 1213    2.68 1258    3.04 1313    3.49 1378    4.03	1262    2.94 1291    3.17 1346    3.66 1393    4.10 1444    4.64		1332    3.41 1360    3.66 1416    4.19 1472    4.78 1519    5.32		1397    3.87 1425    4.15 1480    4.73 1536    5.37 1592    6.05		1461    4.35 1486    4.63 1540    5.27 1595    5.95 1652    6.69		1529    4.93 1547    5.14 1597    5.80 1651    6.53 1708    7.32		1610    5.77 1652    6.34 1705    7.12 1760    7.95		1673    6.38 1707    6.91 1757    7.70 1811    8.58		1733    6.97 1767    7.61 1807    8.30 1860    9.22		5415    1900 5700    2000 6270    2200 6840    2400 7410    2600																	
1422    4.32 1498    4.97 1575    5.70 1655    6.52	1449    4.63 1523    5.30 1598    6.04 1675    6.87																			1505    5.26 1573    5.97 1645    6.75 1719    7.61		1569    5.93 1627    6.65 1693    7.47 1764    8.37		1639    6.68 1688    7.38 1745    8.21 1810    9.13		1708    7.47 1754    8.18 1802    8.98 1859    9.92		1764    8.17 1819    9.05 1864    9.84 1913    10.75		1817    8.84 1874    9.80 1927    10.77 1971    11.64		1867    9.52 1924    10.53		1915    10.20 1971    11.26	
7980    2800 8550    3000 9120    3200 9690    3400																																			

[illegible][illegible]



Dimensions



\* Dimension A1 for size 40 and 50 size fans is 29 7/8"

Series CMB																	
Model	Wheel Dia.	Std. HP	Wt.	A	B	C	D	E	F	G	H	K	L	M	N	P	X
8	10 <sup>5</sup> / <sub>8</sub>	<sup>3</sup> / <sub>4</sub>	120	12 <sup>1</sup> / <sub>4</sub>		11 <sup>3</sup> / <sub>4</sub>	9	10 <sup>3</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	10 <sup>5</sup> / <sub>8</sub>	8	9 <sup>3</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>2</sub>	18 <sup>7</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	9	14
10	10 <sup>5</sup> / <sub>8</sub>	1	130	12 <sup>1</sup> / <sub>4</sub>		11 <sup>3</sup> / <sub>4</sub>	9	10 <sup>3</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	10 <sup>5</sup> / <sub>8</sub>	8	9 <sup>3</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>2</sub>	18 <sup>7</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	9	14
14	12 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>	200	18	12 <sup>3</sup> / <sub>8</sub>	13	9 <sup>5</sup> / <sub>8</sub>	11	6 <sup>1</sup> / <sub>4</sub>	13	10 <sup>1</sup> / <sub>2</sub>	12 <sup>1</sup> / <sub>8</sub>	11 <sup>1</sup> / <sub>2</sub>	24	7	12 <sup>3</sup> / <sub>4</sub>	18
20	13 <sup>3</sup> / <sub>4</sub>	2	215	18	13 <sup>3</sup> / <sub>8</sub>	14 <sup>3</sup> / <sub>8</sub>	10 <sup>7</sup> / <sub>8</sub>	11	6 <sup>1</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>2</sub>	13 <sup>3</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>8</sub>	18
25	15	3	235	18	14 <sup>5</sup> / <sub>8</sub>	15 <sup>5</sup> / <sub>8</sub>	12	11	6 <sup>1</sup> / <sub>4</sub>	15	12	14 <sup>7</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>4</sub>	25	8 <sup>1</sup> / <sub>8</sub>	15 <sup>3</sup> / <sub>4</sub>	18
30	18 <sup>1</sup> / <sub>4</sub>	5	365	22 <sup>1</sup> / <sub>4</sub>	17 <sup>3</sup> / <sub>4</sub>	19 <sup>3</sup> / <sub>8</sub>	14 <sup>5</sup> / <sub>8</sub>	11	6 <sup>1</sup> / <sub>4</sub>	19 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>2</sub>	18	15 <sup>5</sup> / <sub>8</sub>	26 <sup>3</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>2</sub>	18 <sup>1</sup> / <sub>2</sub>	23
32	20	5	450	22 <sup>1</sup> / <sub>4</sub>	19 <sup>5</sup> / <sub>8</sub>	21 <sup>5</sup> / <sub>8</sub>	16	11	6 <sup>1</sup> / <sub>4</sub>	21 <sup>7</sup> / <sub>8</sub>	17	19 <sup>3</sup> / <sub>4</sub>	16 <sup>5</sup> / <sub>8</sub>	27	11 <sup>1</sup> / <sub>4</sub>	21	23
35	22 <sup>1</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>2</sub>	500	28 <sup>1</sup> / <sub>4</sub>	21 <sup>5</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>2</sub>	17 <sup>3</sup> / <sub>4</sub>	18	7 <sup>1</sup> / <sub>4</sub>	23 <sup>1</sup> / <sub>2</sub>	19	22	18 <sup>1</sup> / <sub>2</sub>	36 <sup>5</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>8</sub>	24	31
40	27	7 <sup>1</sup> / <sub>2</sub>	775	28 <sup>1</sup> / <sub>4</sub>	25 <sup>3</sup> / <sub>8</sub>	28	21 <sup>1</sup> / <sub>2</sub>	18 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>4</sub>	28 <sup>1</sup> / <sub>2</sub>	22	26 <sup>5</sup> / <sub>8</sub>	22	38 <sup>3</sup> / <sub>4</sub>	14	29	33 <sup>5</sup> / <sub>8</sub>
50	30	10	985	28 <sup>1</sup> / <sub>4</sub>	28 <sup>3</sup> / <sub>4</sub>	31 <sup>1</sup> / <sub>4</sub>	23 <sup>3</sup> / <sub>8</sub>	18 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>4</sub>	31 <sup>5</sup> / <sub>8</sub>	25 <sup>1</sup> / <sub>2</sub>	29 <sup>5</sup> / <sub>8</sub>	24 <sup>5</sup> / <sub>8</sub>	40	14 <sup>1</sup> / <sub>4</sub>	32 <sup>3</sup> / <sub>8</sub>	33 <sup>5</sup> / <sub>8</sub>



AMCA Licensed

Car-Mon Products, Inc. certifies that the centrifugal fans shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.

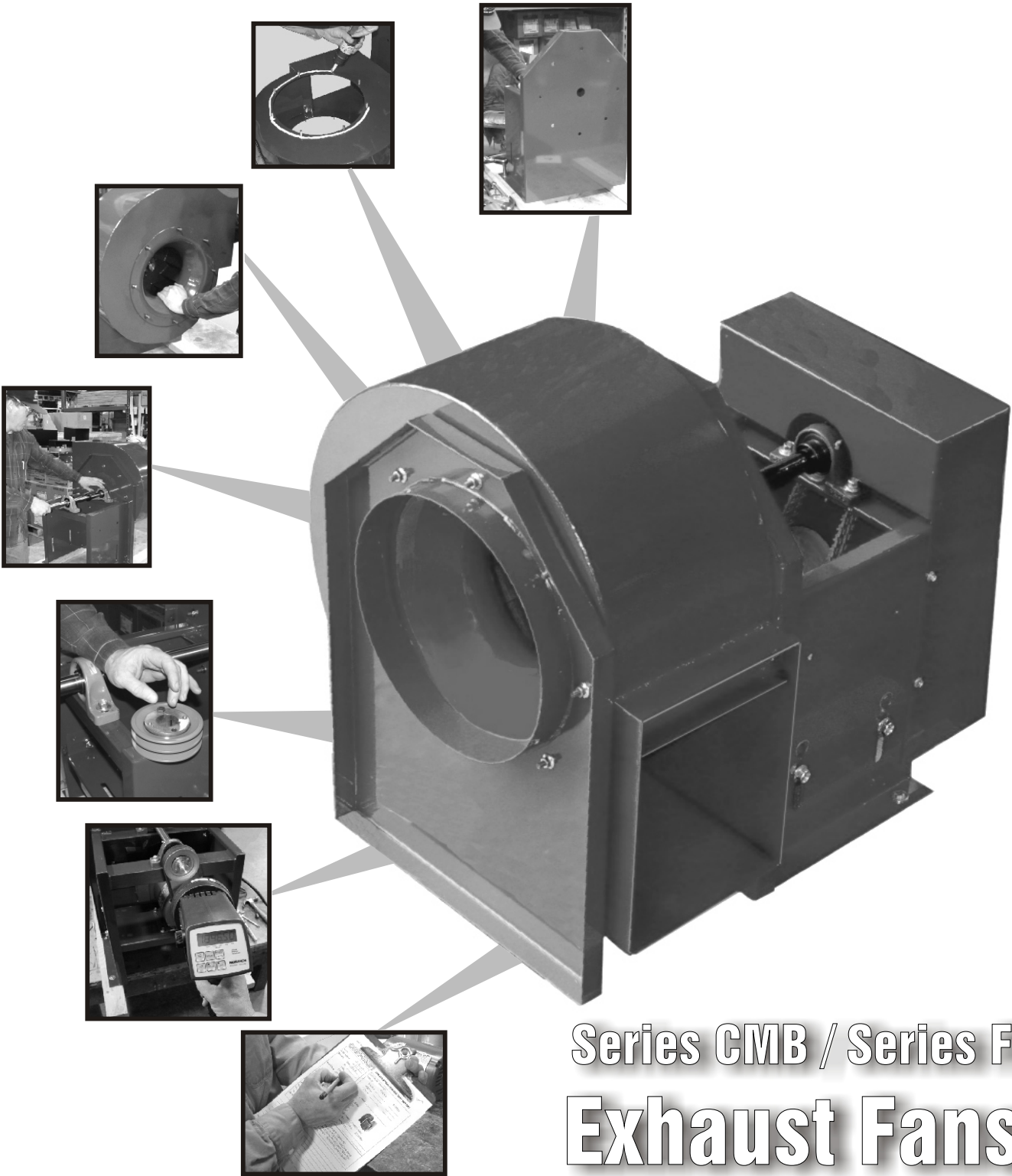
All Car-Mon equipment is performance guaranteed. Our rugged quality construction is the result of thorough component system engineering, based on over five decades of pollution control experience. In addition to our extensive line of standard products, Car-Mon designs and builds custom equipment for special or unusual applications. Our nationwide network of representatives is on hand to provide engineering services including system design, equipment selection and pricing.

Consult our general catalog for additional information, detailed drawings and specification data on our entire line of quality exhaust system components.

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Represented by:



Series CMB / Series F  
Exhaust Fans

**CAR-MON**