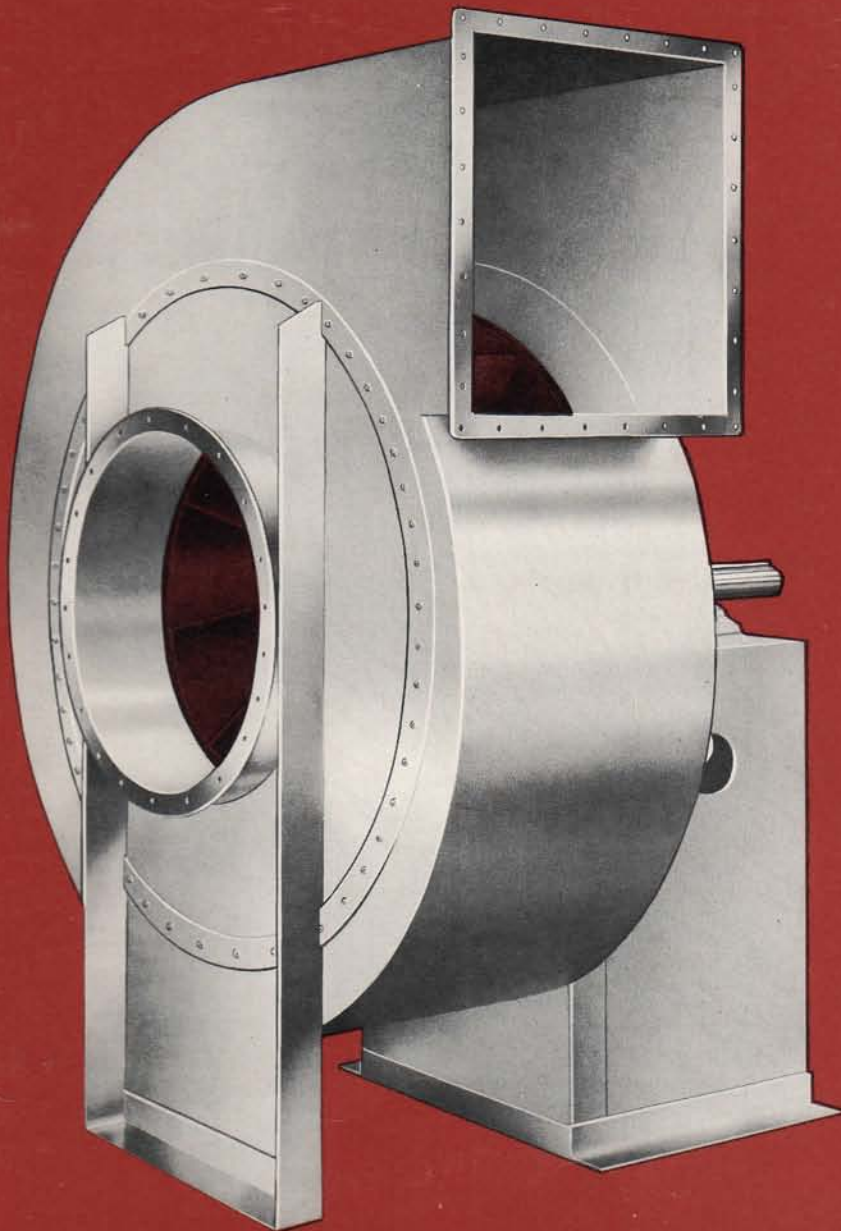


SHELDONS

INDUSTRIAL FAN

CATALOGUE No. 420A



FOUR WHEEL TYPES AVAILABLE

to handle air and other gases, light dust loadings, heavy dust loadings, long fibres, granular material and bulkier materials



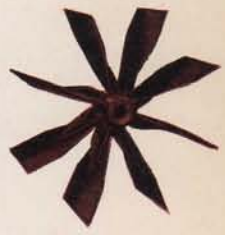
XB



XS



XC



XO

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WHEEL TYPES

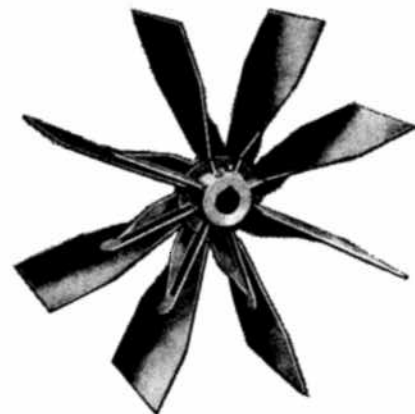
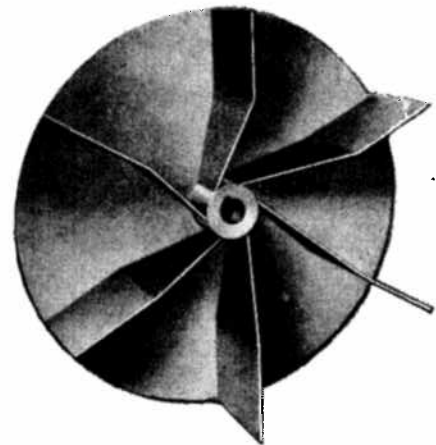
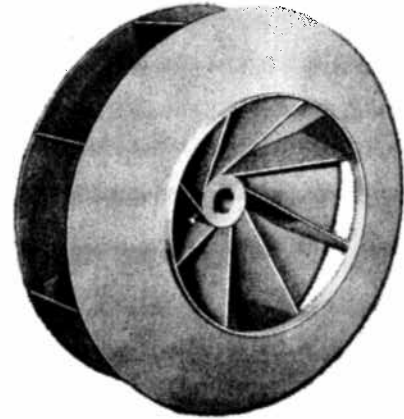
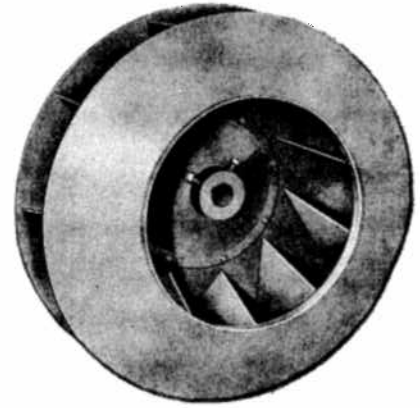
THE "XB" WHEEL has the highest efficiency of the four types shown. It is designed to handle air only, or air containing fumes, or a small quantity of fine dust. It is not recommended for handling coarse materials when they must pass through the fan. This wheel finds applications as a hot gas fan, as a general supply or exhaust fan in many industrial processes, and may also be used as an induced draft fan in smaller power plants.

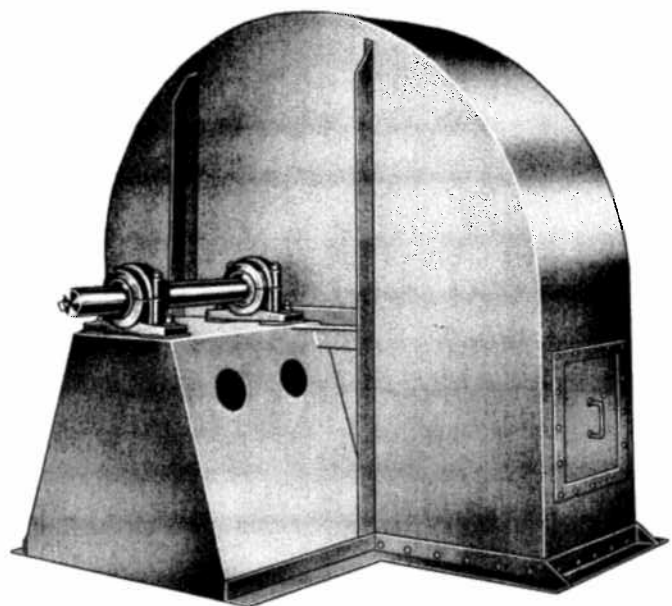
THE "XS" WHEEL is used where the air contains granular material which passes directly through the fan. The radial-type blades are more wear-resistant than those of the XB wheel. It is widely used in conveying systems for sawdust, chips, grain, etc., with static pressures up to 16" in the standard design.

THE "XC" WHEEL is a modification of the XS with the same number of blades but with no shroud. It is used primarily as an exhauster handling stringy materials such as long shavings, rags, etc., which may be fed directly into the fan inlet.

THE "XO" WHEEL is another type of radial-bladed exhauster. The cast steel spider-type construction, which may have additional blade reinforcing, is designed for extremely rugged service, handling air containing knots, blocks, paper trim, silage or other heavy bulky materials. This wheel is sometimes used as a "chopper" for fibrous material such as silage and paper trim as it is fed into the fan, when it is called an XO-CT wheel.

Fan wheels are welded construction throughout, dynamically and statically balanced before assembly on modern electronic balancing equipment.

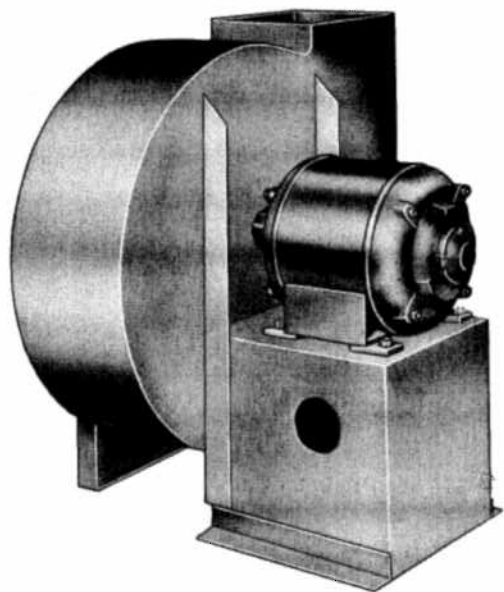




Arr. 1

STANDARD ARRANGEMENTS of INDUSTRIAL EXHAUSTERS

ARRANGEMENT 1 — The wheel is overhung on one end of the shaft, the bearings are mounted on a heavy fabricated steel base. The fan shaft extends beyond the outer bearing base suitably keyed for installation of sheave or coupling.



Arr. 4

ARRANGEMENT 4 — (Housing and Base for Motor) — The wheel is overhung directly on the motor shaft. It is a compact unit, suitable for temperatures up to 200°F. Above 150°F, a cooling disc is recommended. Ball bearing motors should be used with this arrangement.

The casing of Sheldon Industrial Exhausters features scroll sheets continuously welded to the fan sides, ensuring dust-tight construction. The inlet stand and bearing stand extend to the floor and are ruggedly reinforced. The inlet sideplate is bolted to the fan side for easy removal of the wheel. All sizes are fabricated to order to a fixed discharge position.

Extra heavy construction is available for severe service, but for the majority of applications it will be found that Sheldon standard construction is entirely adequate.

Slip fits for duct connections are standard on both inlet and outlet up to size 37. Flanged connections are standard on larger sizes and may be supplied on any size if required.

ARRANGEMENT 8—The wheel is mounted on its own shaft and bearings, with extended base suitable for coupling connection directly to motor or turbine. This arrangement is particularly adapted to handling hot gases as the motor is in a remote position.

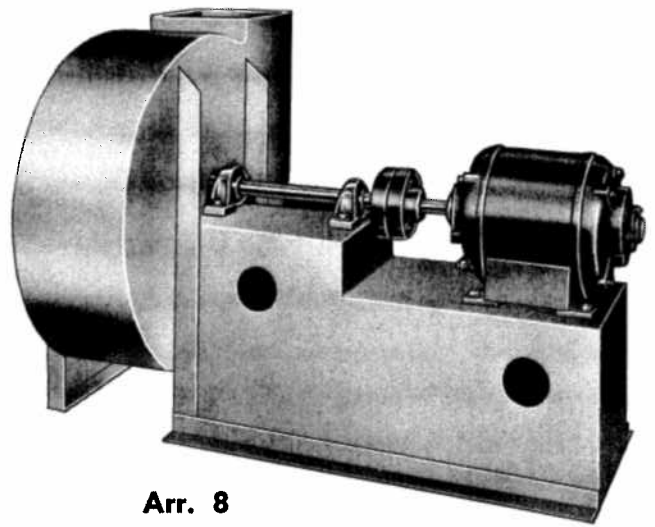
ARRANGEMENT 9 — The wheel has shaft and bearings as in arrangement 1A, with the motor mounted on an adjustable base on the side of the heavy pedestal. No separate motor mount is required. This arrangement permits assembly of the complete compact unit before shipment.

Package Unit — Arr. 10

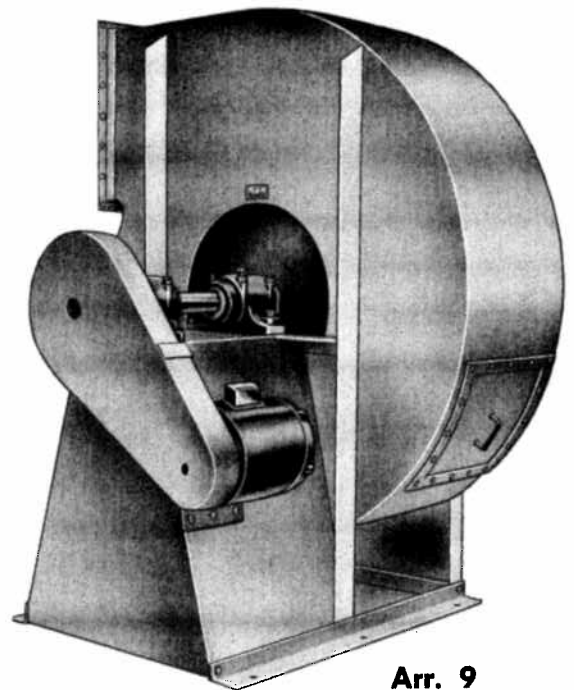
Where an application requires outdoor installation, a compact integral unit with weather hood protects the motor bearings and drive and, at the same time, permits adequate motor cooling. This arrangement of hood on drive is similar to that employed in the well-known Sheldon Utility Sets. Any one of the four wheels used on standard exhausters may be used with this package weatherproof unit. Ratings for this unit may be obtained from the XB, XS, XC or XO tables.

Integral units are available up to size 26 with any of these four standard wheels.

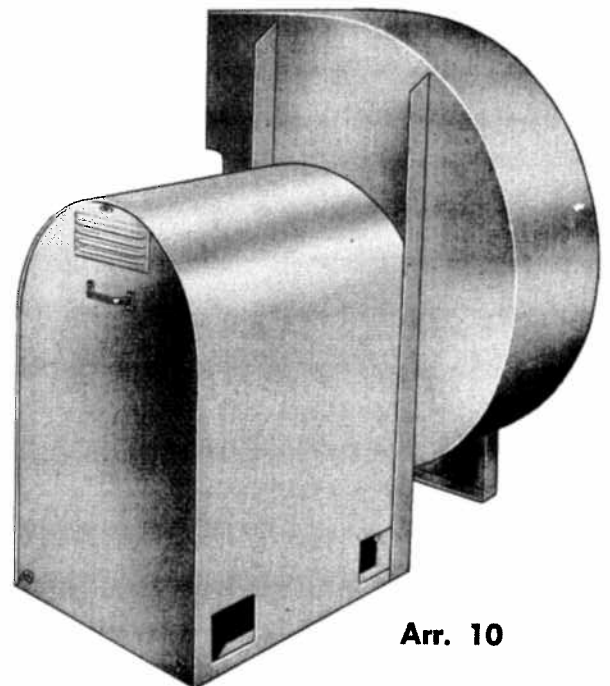
Selections, however, must be made using motor frame sizes not exceeding those given in the dimension table, page 70.



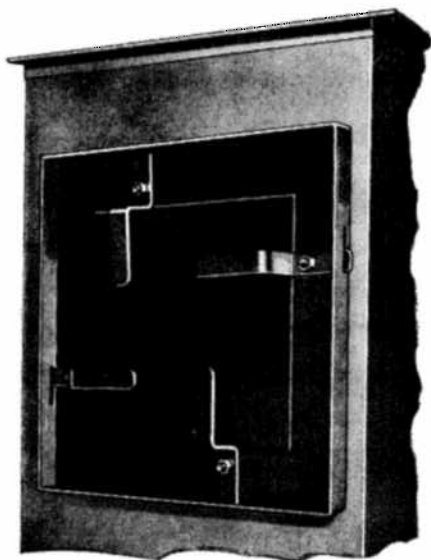
Arr. 8



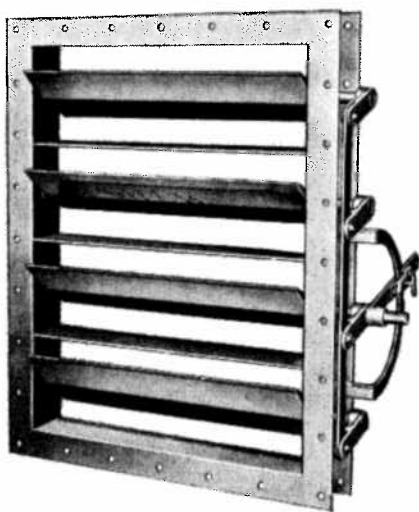
Arr. 9



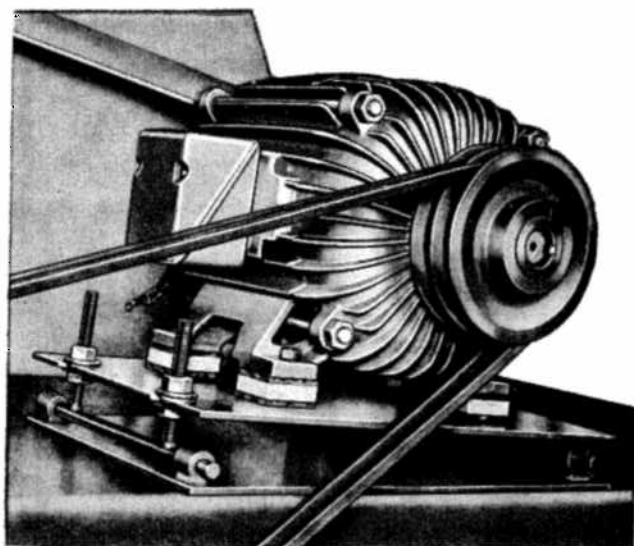
Arr. 10



Quick-Opening Access Door



Standard Outlet Damper



Adjustable Motor Mount

OPTIONAL EQUIPMENT and ACCESSORIES

Access doors can be provided on fans requiring periodic inspection or cleaning. Either a standard bolted access door or a quick-opening door held in position with lever nuts or toggle clamps can be provided. Quick-opening doors are recommended where frequent cleaning is necessary. They are also preferred on high temperature fans where corrosion may make studs difficult to remove.

Outlet Dampers

Two types of outlet damper are available when required.

- (a) Sheldons standard outlet damper is built in a separate frame and bolted to a flanged outlet connection. This damper is low in cost and, in many applications, gives very satisfactory control of air volume.
- (b) The proportioning type damper is a more expensive arrangement and is preferred where very accurate control may be required from closed to wide open damper position.

Shaft Seals

A simple seal consists of a red fibre material mounted between two steel discs and bolted to the back of the fan casing. When inflammable or explosive gases are handled a carbon ring stuffing box will be specially adapted to the exhaust fan.

Drain Connection

A pipe coupling can be welded to the lowest point in the scroll sheet to allow wash water or condensate to drain.

Bearings

Single-row, self-aligning deep groove ball bearings are furnished as standard equipment on arrangements 1A, 8 and 9. These have been selected with a load factor to assure long life and reliable bearing service. For extremely severe service and on larger sizes, heavy duty ball bearings or spherical roller bearings are provided. Dodge Sleeveoil bearings are also available, size 1-7/6" and over.

Ball bearings are usually lubricated with a grease satisfactory up to 200°F. Special greases are available for higher temperatures. Oil-lubricated ball bearings can be supplied on request.



Single-row Ball Bearing.

Special Materials

Sheldon Industrial Fans can be fabricated of aluminum, admiralty brass, Everdur, Monel or stainless steel.

In addition to special metals, it is often desirable to use a special coating where the fan is to handle corrosive gases or fumes. Where conditions are only mildly corrosive, a protective coating sprayed on may be sufficient. For more severe conditions, a baked coating or a layer of rubber or neoprene may be required. The table lists some materials readily available.



Heavy Duty Spherical Roller Bearing.

CORROSION RESISTANT MATERIALS and LININGS

	Acetic Acid	Anodising (Oxalic Acid)	Chromic Acid	Hydrochloric Acid	Nitric Acid	Sulphuric Acid	Phosphoric Acid	Chlorine Dioxide	Sulphur Dioxide
Aluminum	120	G	F	U	G	U	U	—	G
Galv. Steel	U	—	U	U	U	U	U	—	U
Monel	F	F	F	U	U	U	G	—	U
304 Stainless	G	G	G	U	E	U	U	—	G
316 Stainless	E	E	E	U	E	U	G	—	E
Plastisol	140	140	140	140	70	140	140		70
FRP - Polyester	140	220	140	200	160	160	220	220	220
FRP - Epoxy	U	—	U	180	U	—	—	—	—
Baked Phenolic	160	120	70	U	U	U	160	U	70
Eisenheiss	U	150	U	150	150	150	150	—	150
Rubber	U	150	U	200	U	U	U	U	150
Neoprene	U	200	U	U	U	U	U	U	U
Hypalon	U		U	U	U	U	U	U	U

E: Excellent G: Good F: Fair U: Unsatisfactory Numbers indicate maximum temperature at which coating is satisfactory.

The corrosion data above has been compiled from the available data provided by the suppliers of the corrosion resistant materials listed, and is intended to serve only as a guide to the comparative usefulness of the listed materials.

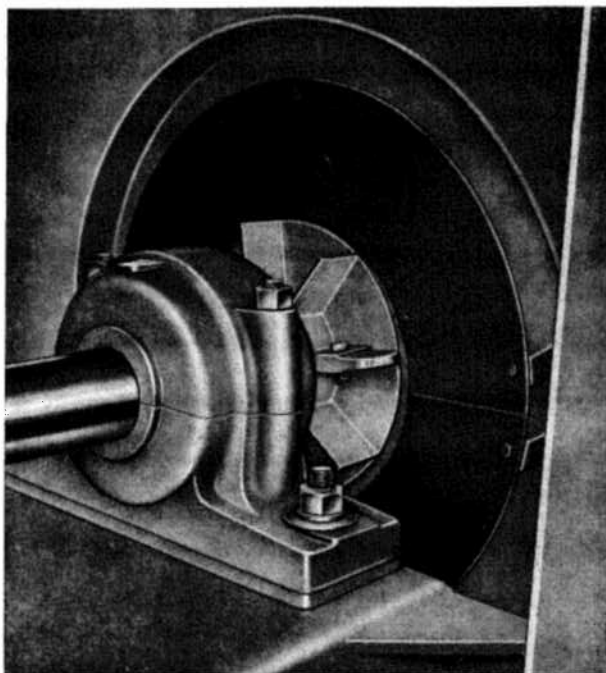
NOTE: Sheldons make no specific guarantee against damage by corrosion, erosion or abrasion in the application of any of these materials in any corrosive environment.

HIGH TEMPERATURE FANS

Standard steel plate construction is entirely satisfactory for fans handling gases up to 600°F. At 700°F. the maximum speed that should be used is 85% of that at normal temperatures. Between 700°F. and 900°F. the maximum is 70% of that at normal temperatures. Above 900°F. both the wheel and casing should be of special alloy steels. Fans of this type will operate up to 1500°F. These are of special construction and

not all four wheel types can be used. Please consult your nearest Sheldon representative for proposals on particular applications involving high temperatures.

Arrangement 4 fans are normally not recommended for high temperature operation. Arrangements 1A and 8 are preferred and arrangement 9 may be used if the motor is protected from excessive heat.

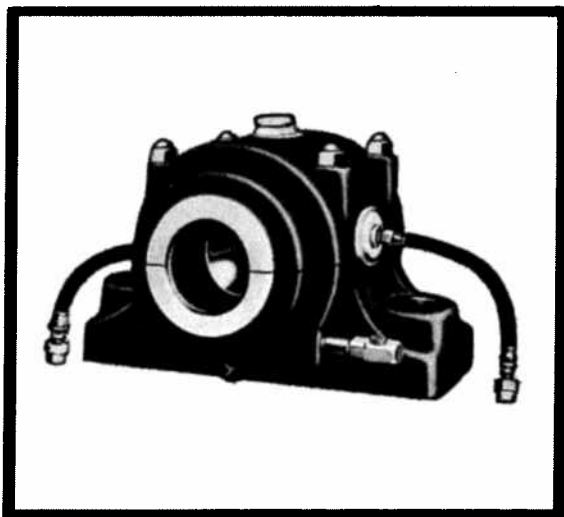


Cooling Disc and Radiation Shield.

COOLING DISCS

Radiation shields and cooling discs are used on fans handling hot gases. The cooling disc is a small fan wheel mounted between the outer case of the fan and the inboard bearing. It circulates room air in the immediate vicinity of the bearing and keeps the shaft and bearing cool.

The radiation shield is aluminum which reflects heat better than other common metals. It protects the bearing from heat radiated from the fan casing. Cooling discs may be used alone up to 350°F. Above this temperature both a radiation shield and a cooling disc should be used.



Sleevoil Bearing with connections for water cooling.

BEARINGS

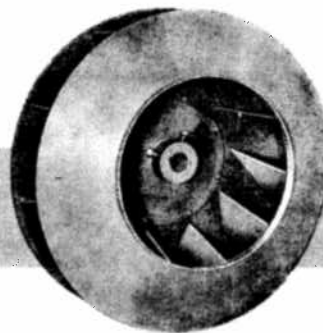
Bearings on high temperature fans should be lubricated with special greases. Water cooling is necessary not only at high temperatures but also at high running speeds. For the most severe service, both sleeve bearings and anti-friction bearings require forced oil lubrication with the oil pumped through an external cooler in the oil circuit.



INDUSTRIAL FAN

WHEEL DIA. 19 1/4"
OUTLET AREA 0.66 SQ FT
INLET DIA. 11"
INLET AREA .63 SQ FT

AIR WHEEL
TYPE XB



SIZE **11**

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1056	1600	783	.25	907	.35	1022	.47	1128	.59	1226	.71	1316	.83	1401	.97	1481	1.10	1557	1.24	1701	1.52
1122	1700	801	.28	919	.38	1031	.50	1134	.62	1232	.75	1322	.88	1406	1.01	1486	1.16	1562	1.30	1703	1.59
1188	1800	819	.30	934	.41	1041	.53	1144	.66	1238	.80	1328	.93	1412	1.06	1491	1.21	1567	1.37	1708	1.66
1254	1900	837	.33	950	.45	1053	.57	1152	.69	1246	.84	1335	.98	1418	1.12	1497	1.27	1572	1.42	1713	1.74
1320	2000	855	.36	966	.48	1067	.60	1163	.74	1254	.88	1341	1.02	1425	1.18	1503	1.33	1578	1.49	1718	1.81
1386	2100	875	.39	984	.52	1082	.65	1175	.78	1264	.93	1350	1.08	1431	1.23	1510	1.39	1584	1.55	1723	1.88
1452	2200	895	.43	1002	.55	1097	.69	1188	.82	1275	.98	1359	1.13	1439	1.29	1516	1.46	1590	1.62	1729	1.96
1518	2300	915	.46	1020	.59	1114	.73	1202	.87	1287	1.02	1369	1.18	1448	1.35	1524	1.52	1597	1.69	1735	2.04
1584	2400	935	.50	1038	.64	1131	.79	1217	.93	1299	1.08	1380	1.24	1457	1.41	1533	1.59	1604	1.76	1741	2.13
1650	2500	955	.53	1057	.68	1150	.84	1233	.98	1313	1.14	1392	1.30	1468	1.47	1541	1.65	1613	1.84	1748	2.21
1716	2600	977	.58	1077	.73	1168	.89	1250	1.04	1329	1.20	1405	1.36	1480	1.54	1552	1.72	1621	1.91	1755	2.29
1782	2700	998	.62	1097	.78	1186	.95	1268	1.11	1345	1.27	1419	1.44	1491	1.61	1562	1.80	1631	1.99	1763	2.38
1848	2800	1020	.67	1117	.84	1204	1.00	1286	1.17	1361	1.34	1434	1.51	1504	1.68	1574	1.87	1642	2.07	1772	2.47
1914	2900	1042	.72	1137	.89	1223	1.06	1304	1.24	1379	1.41	1450	1.59	1519	1.77	1586	1.96	1653	2.15	1781	2.56
1980	3000	1064	.78	1158	.95	1243	1.13	1322	1.31	1397	1.49	1467	1.66	1534	1.85	1600	2.04	1665	2.24	1791	2.65
2112	3200	1110	.89	1199	1.07	1283	1.26	1360	1.45	1433	1.65	1501	1.84	1567	2.03	1630	2.23	1692	2.43	1814	2.85
2244	3400	1155	1.01	1243	1.21	1324	1.41	1399	1.61	1469	1.81	1537	2.03	1601	2.23	1663	2.43	1723	2.64	1839	3.07
2376	3600	1203	1.16	1287	1.37	1364	1.57	1439	1.79	1507	2.00	1574	2.21	1637	2.44	1697	2.66	1755	2.86	1868	3.31
2508	3800	1251	1.31	1331	1.53	1408	1.75	1480	1.97	1547	2.20	1611	2.43	1673	2.65	1733	2.89	1790	3.12	1899	3.57
2640	4000	1300	1.49	1377	1.71	1451	1.94	1520	2.17	1587	2.41	1650	2.65	1710	2.88	1769	3.13	1826	3.38	1932	3.85
2772	4200	1350	1.68	1423	1.90	1496	2.15	1563	2.39	1629	2.64	1690	2.89	1749	3.13	1806	3.39	1862	3.65	1967	4.16
2904	4400	1400	1.88	1471	2.12	1540	2.37	1607	2.63	1669	2.87	1731	3.14	1789	3.40	1844	3.66	1899	3.93	2004	4.47
3036	4600	1450	2.10	1519	2.35	1586	2.60	1651	2.88	1712	3.14	1772	3.41	1829	3.68	1884	3.96	1937	4.23	2040	4.79
3168	4800	1499	2.34	1568	2.61	1632	2.86	1694	3.14	1756	3.43	1814	3.70	1870	3.99	1924	4.28	1976	4.56	2076	5.13
3300	5000	1550	2.60	1618	2.88	1680	3.15	1741	3.43	1800	3.73	1857	4.01	1910	4.29	1965	4.61	2016	4.90	2115	5.49
3432	5200	1602	2.88	1668	3.17	1728	3.45	1786	3.73	1844	4.04	1900	4.34	1953	4.64	2006	4.95	2056	5.26	2153	5.87
3564	5400	1653	3.17	1717	3.47	1775	3.77	1832	4.06	1889	4.38	1944	4.70	1997	5.01	2046	5.31	2098	5.64	2193	6.28
3696	5600	1705	3.49	1767	3.80	1824	4.11	1881	4.42	1935	4.73	1988	5.07	2040	5.39	2090	5.71	2137	6.02	2234	6.71
3828	5800	1757	3.83	1817	4.15	1874	4.48	1929	4.80	1980	5.11	2033	5.45	2084	5.80	2134	6.13	2181	6.46	2274	7.15
3960	6000	1809	4.20	1867	4.53	1924	4.87	1976	5.20	2028	5.52	2079	5.87	2128	6.21	2177	6.57	2224	6.91	2315	7.61

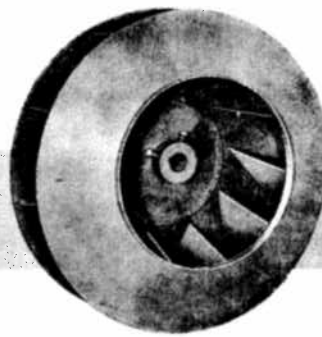
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1716	2600	1882	2.69	2001	3.08	2112	3.49	2219	3.92	2321	4.36	2418	4.79	2511	5.24	2602	5.69	2691	6.13	2777	6.60
1782	2700	1888	2.79	2006	3.19	2118	3.61	2224	4.03	2326	4.49	2423	4.94	2516	5.39	2606	5.86	2694	6.32	2780	6.78
1848	2800	1895	2.88	2013	3.31	2124	3.73	2230	4.17	2331	4.60	2428	5.09	2522	5.56	2611	6.02	2698	6.51	2782	7.00
1914	2900	1903	2.98	2019	3.42	2130	3.85	2237	4.30	2337	4.75	2433	5.21	2527	5.72	2616	6.20	2703	6.68	2787	7.18
1980	3000	1912	3.09	2026	3.52	2137	3.98	2242	4.43	2343	4.90	2438	5.36	2532	5.85	2622	6.38	2708	6.87	2792	7.37
2112	3200	1931	3.30	2044	3.77	2150	4.23	2256	4.72	2354	5.20	2451	5.69	2543	6.19	2632	6.69	2718	7.22	2802	7.78
2244	3400	1952	3.53	2062	4.00	2168	4.50	2269	4.99	2368	5.51	2463	6.02	2555	6.54	2644	7.06	2729	7.59	2812	8.12
2376	3600	1977	3.78	2083	4.27	2186	4.77	2287	5.30	2383	5.82	2477	6.37	2568	6.91	2655	7.44	2742	8.00	2824	8.55
2508	3800	2004	4.05	2107	4.54	2207	5.06	2305	5.59	2400	6.14	2492	6.70	2581	7.25	2669	7.85	2754	8.41	2836	8.99
2640	4000	2035	4.34	2133	4.84	2230	5.36	2326	5.92	2419	6.48	2509	7.04	2597	7.65	2682	8.22	2767	8.84	2850	9.44
2772	4200	2067	4.65	2163	5.18	2257	5.69	2349	6.25	2440	6.84	2529	7.42	2614	8.01	2700	8.66	2782	9.26	2862	9.88
2904	4400	2101	4.99	2195	5.52	2286	6.07	2375	6.62	2463	7.20	2550	7.82	2635	8.43	2717	9.05	2800	9.71	2878	10.3
3036	4600	2137	5.36	2228	5.89	2317	6.46	2404	7.02	2489	7.61	2573	8.21	2656	8.86	2739	9.49	2817	10.1	2896	10.8
3168	4800	2173	5.72	2263	6.30	2350	6.85	2435	7.46	2517	8.05	2599	8.66	2680	9.29	2759	9.97	2839	10.6	2915	11.3
3300	5000	2209	6.10	2299	6.72	2384	7.30	2467	7.89	2548	8.52	2627	9.14	2706	9.77	2783	10.4	2861	11.1	2937	11.8
3432	5200	2245	6.49	2335	7.14	2420	7.78	2501	8.38	2580	8.99	2658	9.65	2734	10.3	2809	10.9	2884	11.6	2959	12.3
3564	5400	2284	6.92	2371	7.57	2456	8.25	2536	8.90	2613	9.52	2690	10.1	2765	10.8	2837	11.5	2910	12.1	2983	12.9
3696	5600	2323	7.36	2408	8.03	2492	8.72	2573	9.42	2648	10.0	2723	10.7	2796	11.4	2869	12.1	2939	12.8	3009	13.4
3828	5800	2363	7.83	2447	8.52	2528	9.22	2608	9.94	2685	10.6	2758	11.3	2829	11.9	2900	12.7	2970	13.4	3037	14.1
3960	6000	2403	8.33	2486	9.03	2566	9.75	2644	10.4	2721	11.2	2793	11.9	2864	12.6	2933	13.3	3001	14.1	3069	14.8
4092	6200	2443	8.84	2526	9.57	2604	10.3	2681	11.0	2757	11.8	2830	12.5	2899	13.3	2967	14.0	3034	14.7	3100	15.5
4224	6400	2485	9.37	2566	10.1	2644	10.8	2719	11.6	2793	12.4	2866	13.2	2936	14.0	3002	14.7	3068	15.5	3133	16.2
4356	6600	2524	9.91	2606	10.7	2684	11.4	2758	12.2	2830	13.0	2902	13.8	2972	14.6	3039	15.5	3103	16.2	3167	17.0
4488	6800	2567	10.5	2647	11.3	2724	12.1	2797	12.9	2869	13.7	2938	14.5	3008	15.3	3075	16.2	3140	17.0	3202	17.8
4620	7000	2610	11.1	2687	11.9	2764	12.7	2837	13.6	2908	14.4	2977	15.2	3044	16.1	3111	16.9	3176	17.8	3239	18.7



INDUSTRIAL FAN

WHEEL DIA. 22 1/4"
OUTLET AREA 0.92 SQ FT
INLET DIA. 13"
INLET AREA 0.88 SQ FT

AIR WHEEL
TYPE XB



SIZE 13

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1472	1600	662	.35	767	.49	864	.66	953	.82	1036	.99	1112	1.16	1184	1.36	1252	1.54	1316	1.73	1438	2.12
1564	1700	677	.39	777	.53	871	.70	959	.87	1041	1.05	1118	1.23	1189	1.42	1256	1.62	1320	1.81	1440	2.22
1656	1800	692	.42	789	.57	880	.74	967	.92	1047	1.11	1122	1.30	1194	1.49	1261	1.69	1325	1.90	1444	2.32
1748	1900	707	.46	803	.62	890	.79	974	.97	1053	1.17	1128	1.37	1199	1.57	1266	1.77	1329	1.98	1448	2.43
1840	2000	723	.50	817	.67	902	.84	983	1.03	1060	1.23	1134	1.43	1204	1.65	1271	1.86	1334	2.07	1452	2.53
1932	2100	739	.55	831	.72	914	.90	993	1.08	1069	1.29	1141	1.51	1210	1.72	1276	1.94	1339	2.17	1457	2.62
2024	2200	756	.59	847	.78	928	.96	1004	1.15	1078	1.36	1148	1.58	1217	1.80	1282	2.03	1344	2.26	1462	2.73
2116	2300	773	.64	862	.83	942	1.02	1016	1.22	1088	1.43	1157	1.65	1224	1.88	1288	2.12	1350	2.36	1467	2.85
2208	2400	790	.69	877	.89	956	1.09	1029	1.30	1098	1.50	1166	1.74	1232	1.97	1296	2.22	1356	2.46	1472	2.96
2300	2500	807	.75	894	.95	972	1.17	1043	1.37	1110	1.59	1176	1.82	1241	2.06	1303	2.30	1363	2.57	1478	3.08
2392	2600	826	.81	910	1.02	987	1.24	1057	1.46	1124	1.68	1187	1.91	1251	2.15	1312	2.40	1370	2.66	1483	3.19
2484	2700	844	.87	927	1.09	1002	1.32	1072	1.55	1137	1.77	1199	2.01	1261	2.25	1321	2.51	1379	2.77	1490	3.32
2576	2800	862	.94	944	1.16	1018	1.39	1087	1.64	1151	1.86	1212	2.11	1272	2.35	1330	2.61	1388	2.88	1498	3.44
2668	2900	881	1.01	961	1.24	1034	1.48	1102	1.73	1166	1.97	1226	2.22	1284	2.47	1341	2.73	1398	3.00	1505	3.57
2760	3000	899	1.08	978	1.32	1051	1.57	1118	1.82	1181	2.08	1240	2.32	1297	2.59	1352	2.85	1407	3.12	1514	3.70
2944	3200	938	1.24	1014	1.50	1084	1.76	1149	2.03	1211	2.30	1269	2.57	1324	2.83	1378	3.11	1430	3.39	1533	3.98
3128	3400	977	1.41	1051	1.69	1119	1.97	1182	2.25	1242	2.53	1300	2.83	1353	3.11	1405	3.39	1456	3.69	1554	4.27
3312	3600	1017	1.62	1088	1.91	1153	2.19	1216	2.49	1274	2.79	1330	3.09	1384	3.41	1435	3.70	1484	3.99	1579	4.62
3496	3800	1058	1.83	1125	2.13	1190	2.44	1251	2.75	1308	3.06	1362	3.38	1415	3.70	1465	4.03	1513	4.35	1605	4.98
3680	4000	1099	2.08	1164	2.38	1227	2.71	1285	3.02	1342	3.36	1395	3.69	1446	4.03	1496	4.37	1544	4.71	1633	5.37
3864	4200	1141	2.34	1203	2.65	1264	3.00	1322	3.33	1377	3.68	1429	4.03	1479	4.37	1527	4.72	1574	5.08	1663	5.80
4048	4400	1183	2.62	1244	2.96	1302	3.30	1358	3.66	1411	4.01	1463	4.39	1512	4.75	1559	5.11	1605	5.47	1694	6.24
4232	4600	1225	2.93	1284	3.28	1340	3.63	1396	4.02	1448	4.38	1498	4.76	1546	5.14	1593	5.52	1637	5.90	1724	6.68
4416	4800	1267	3.26	1325	3.63	1379	3.99	1432	4.38	1484	4.78	1533	5.16	1581	5.56	1627	5.96	1671	6.35	1755	7.15
4600	5000	1310	3.62	1367	4.01	1420	4.39	1471	4.79	1521	5.20	1569	5.60	1615	5.99	1661	6.42	1705	6.83	1788	7.66
4784	5200	1354	4.01	1410	4.42	1461	4.81	1510	5.20	1559	5.63	1606	6.06	1651	6.47	1695	6.90	1738	7.33	1820	8.19
4968	5400	1397	4.43	1451	4.84	1501	5.26	1549	5.66	1597	6.10	1643	6.55	1688	6.98	1730	7.40	1774	7.86	1854	8.75
5152	5600	1441	4.87	1494	5.30	1542	5.74	1590	6.16	1635	6.59	1680	7.06	1725	7.52	1767	7.96	1807	8.40	1888	9.35
5336	5800	1485	5.35	1536	5.79	1584	6.25	1630	6.69	1674	7.12	1718	7.60	1762	8.09	1804	8.55	1844	9.01	1922	9.97
5520	6000	1529	5.86	1579	6.32	1627	6.79	1670	7.24	1714	7.69	1757	8.18	1799	8.67	1840	9.16	1880	9.64	1957	10.6

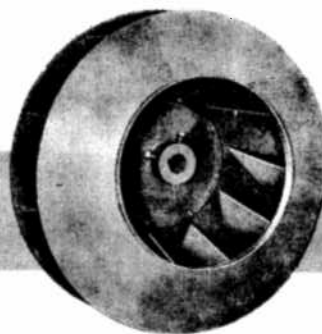
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2392	2600	1590	3.74	1691	4.30	1785	4.86	1876	5.46	1962	6.08	2044	6.68	2123	7.31	2199	7.92	2275	8.55	2347	9.20
2484	2700	1596	3.88	1696	4.45	1790	5.03	1880	5.62	1966	6.26	2048	6.89	2127	7.51	2203	8.17	2277	8.82	2350	9.46
2576	2800	1602	4.01	1702	4.61	1796	5.20	1885	5.81	1970	6.42	2053	7.10	2131	7.74	2207	8.39	2281	9.07	2352	9.75
2668	2900	1609	4.16	1707	4.77	1800	5.37	1891	6.00	1975	6.62	2057	7.26	2136	7.98	2212	8.64	2285	9.31	2356	10.0
2760	3000	1616	4.31	1713	4.91	1807	5.55	1895	6.18	1980	6.83	2061	7.48	2140	8.15	2216	8.89	2289	9.58	2360	10.2
2944	3200	1632	4.60	1728	5.25	1818	5.89	1907	6.58	1990	7.24	2072	7.93	2150	8.62	2225	9.32	2298	10.0	2369	10.8
3128	3400	1650	4.92	1743	5.58	1833	6.28	1918	6.96	2002	7.68	2082	8.39	2160	9.11	2235	9.85	2307	10.5	2377	11.3
3312	3600	1671	5.27	1761	5.95	1848	6.65	1933	7.38	2014	8.11	2094	8.88	2171	9.63	2244	10.3	2318	11.1	2387	11.9
3496	3800	1694	5.64	1781	6.33	1866	7.06	1948	7.80	2029	8.56	2106	9.35	2182	10.1	2257	10.9	2328	11.7	2397	12.5
3680	4000	1720	6.05	1803	6.74	1885	7.48	1966	8.25	2045	9.03	2120	9.81	2196	10.6	2267	11.4	2339	12.3	2409	13.1
3864	4200	1747	6.48	1829	7.22	1908	7.94	1986	8.71	2063	9.53	2138	10.3	2210	11.1	2283	12.0	2352	12.9	2420	13.7
4048	4400	1776	6.96	1855	7.70	1932	8.46	2008	9.22	2082	10.0	2156	10.9	2228	11.7	2297	12.6	2367	13.5	2433	14.4
4232	4600	1806	7.48	1883	8.21	1959	9.01	2032	9.79	2104	10.6	2175	11.4	2245	12.3	2315	13.2	2381	14.1	2448	15.0
4416	4800	1837	7.98	1913	8.78	1987	9.55	2058	10.4	2128	11.2	2197	12.0	2265	12.9	2333	13.8	2400	14.8	2464	15.7
4600	5000	1867	8.50	1944	9.37	2015	10.1	2085	11.0	2154	11.8	2221	12.7	2287	13.6	2353	14.5	2418	15.5	2482	16.4
4784	5200	1898	9.05	1974	9.95	2045	10.8	2114	11.6	2181	12.5	2247	13.4	2311	14.3	2375	15.2	2438	16.2	2502	17.2
4968	5400	1931	9.65	2004	10.5	2076	11.4	2144	12.4	2209	13.2	2274	14.1	2337	15.1	2398	16.0	2460	16.9	2521	18.0
5152	5600	1963	10.2	2035	11.1	2107	12.1	2175	13.1	2239	14.0	2302	14.9	2364	15.9	2425	16.8	2484	17.8	2543	18.8
5336	5800	1997	10.9	2068	11.8	2137	12.8	2205	13.8	2270	14.8	2331	15.7	2392	16.7	2452	17.7	2510	18.7	2568	19.7
5520	6000	2031	11.6	2101	12.5	2169	13.5	2235	14.6	2300	15.6	2361	16.6	2421	17.6	2479	18.5	2537	19.6	2594	20.6
5704	6200	2065	12.3	2135	13.3	2201	14.3	2266	15.4	2330	16.4	2392	17.5	2451	18.6	2508	19.5	2565	20.5	2621	21.6
5888	6400	2101	13.0	2169	14.1	2235	15.1	2299	16.2	2361	17.3	2422	18.4	2482	19.5	2538	20.6	2594	21.6	2649	22.6
6072	6600	2133	13.8	2203	14.9	2268	16.0	2331	17.1	2392	18.2	2453	19.3	2512	20.4	2569	21.6	2623	22.7	2677	23.7
6256	6800	2170	14.6	2238	15.7	2302	16.9	2365	18.0	2425	19.1	2484	20.2	2542	21.4	2599	22.6	2654	23.8	2707	24.9
6440	7000	2206	15.5	2272	16.6	2336	17.8	2398	18.9	2458	20.1	2516	21.2	2573	22.4	2630	23.6	2685	24.8	2738	26.1



INDUSTRIAL FAN

WHEEL DIA. 26 1/8"
OUTLET AREA 1.22 SQ FT
INLET DIA. 15"
INLET AREA 1.19 SQ FT

AIR WHEEL
TYPE XB



SIZE **15**

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1968	1600	573	.47	664	.66	748	.88	826	1.10	897	1.33	963	1.56	1026	1.81	1084	2.06	1140	2.32	1245	2.83
2091	1700	586	.52	673	.71	755	.93	830	1.16	902	1.40	968	1.65	1029	1.89	1088	2.16	1143	2.43	1247	2.97
2214	1800	599	.58	684	.77	762	.99	837	1.23	907	1.48	972	1.73	1034	1.99	1092	2.25	1147	2.55	1250	3.10
2337	1900	613	.62	695	.83	771	1.06	844	1.30	912	1.56	977	1.83	1038	2.09	1096	2.37	1151	2.64	1254	3.24
2460	2000	626	.67	707	.89	781	1.13	851	1.38	918	1.64	982	1.91	1043	2.20	1100	2.48	1155	2.77	1258	3.38
2583	2100	640	.73	720	.97	792	1.21	860	1.46	926	1.73	988	2.02	1048	2.30	1105	2.60	1160	2.90	1261	3.50
2706	2200	655	.79	733	1.04	803	1.28	869	1.54	933	1.82	995	2.11	1054	2.41	1110	2.72	1164	3.03	1266	3.65
2829	2300	669	.85	747	1.11	815	1.37	880	1.64	942	1.91	1002	2.21	1060	2.52	1115	2.83	1169	3.16	1270	3.81
2952	2400	685	.92	760	1.19	828	1.46	891	1.74	951	2.02	1010	2.32	1067	2.63	1122	2.96	1174	3.28	1275	3.96
3075	2500	699	1.00	774	1.28	842	1.56	903	1.84	962	2.13	1019	2.43	1075	2.75	1128	3.08	1181	3.43	1280	4.12
3198	2600	715	1.08	788	1.36	855	1.66	915	1.95	973	2.25	1028	2.55	1083	2.88	1136	3.21	1187	3.55	1285	4.27
3321	2700	731	1.16	803	1.46	868	1.76	928	2.07	985	2.37	1039	2.68	1092	3.01	1144	3.35	1194	3.70	1291	4.44
3444	2800	747	1.25	818	1.56	881	1.87	942	2.19	997	2.50	1050	2.82	1101	3.14	1152	3.49	1202	3.85	1297	4.60
3567	2900	763	1.35	832	1.66	896	1.98	955	2.32	1009	2.64	1062	2.96	1112	3.30	1161	3.65	1210	4.01	1304	4.77
3690	3000	779	1.44	847	1.77	910	2.10	968	2.44	1022	2.79	1074	3.11	1123	3.46	1171	3.80	1219	4.17	1311	4.94
3936	3200	812	1.66	878	2.00	939	2.36	995	2.71	1049	3.08	1099	3.44	1147	3.78	1193	4.16	1238	4.53	1328	5.32
4182	3400	846	1.89	910	2.26	969	2.63	1024	3.01	1075	3.39	1126	3.78	1172	4.16	1217	4.53	1261	4.93	1346	5.71
4428	3600	881	2.16	942	2.55	999	2.93	1053	3.34	1104	3.73	1152	4.14	1199	4.55	1242	4.95	1285	5.34	1367	6.17
4674	3800	916	2.45	975	2.85	1031	3.26	1083	3.68	1133	4.10	1180	4.52	1225	4.95	1269	5.39	1310	5.81	1390	6.66
4920	4000	952	2.78	1008	3.18	1062	3.62	1113	4.05	1162	4.50	1208	4.94	1252	5.38	1295	5.84	1337	6.30	1414	7.18
5166	4200	988	3.13	1042	3.55	1095	4.01	1145	4.46	1192	4.92	1238	5.39	1280	5.85	1322	6.31	1363	6.80	1440	7.76
5412	4400	1025	3.51	1077	3.95	1128	4.42	1176	4.90	1222	5.36	1267	5.87	1310	6.35	1350	6.83	1390	7.32	1467	8.34
5658	4600	1061	3.92	1112	4.39	1161	4.86	1209	5.38	1254	5.86	1297	6.36	1339	6.88	1379	7.38	1418	7.89	1493	8.93
5904	4800	1098	4.36	1148	4.86	1195	5.34	1240	5.86	1285	6.39	1328	6.90	1369	7.44	1409	7.97	1447	8.49	1520	9.56
6150	5000	1135	4.84	1184	5.37	1230	5.87	1274	6.40	1318	6.95	1359	7.48	1398	8.01	1438	8.59	1476	9.13	1548	10.2
6396	5200	1172	5.36	1221	5.91	1265	6.43	1307	6.96	1350	7.54	1391	8.10	1430	8.65	1468	9.22	1505	9.80	1576	10.9
6642	5400	1210	5.92	1257	6.48	1300	7.03	1341	7.57	1383	8.17	1423	8.76	1462	9.34	1498	9.90	1536	10.5	1606	11.7
6888	5600	1248	6.51	1293	7.09	1335	7.67	1377	8.24	1416	8.82	1455	9.44	1494	10.0	1530	10.6	1565	11.2	1635	12.5
7134	5800	1286	7.15	1330	7.74	1372	8.36	1412	8.95	1450	9.52	1488	10.1	1526	10.8	1562	11.4	1597	12.0	1665	13.3
7380	6000	1324	7.83	1367	8.45	1409	9.08	1447	9.69	1484	10.2	1522	10.9	1558	11.5	1593	12.2	1628	12.8	1695	14.1

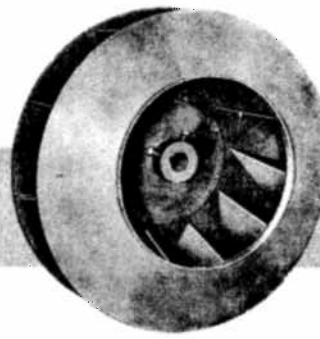
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3198	2600	1377	5.01	1465	5.75	1546	6.50	1624	7.30	1699	8.12	1770	8.93	1839	9.77	1905	10.6	1970	11.4	2033	12.3
3321	2700	1382	5.19	1468	5.95	1551	6.72	1628	7.51	1703	8.37	1774	9.21	1842	10.0	1908	10.9	1972	11.7	2035	12.6
3444	2800	1387	5.36	1474	6.16	1555	6.95	1633	7.76	1706	8.58	1778	9.49	1846	10.3	1912	11.2	1975	12.1	2037	13.0
3567	2900	1393	5.56	1478	6.37	1559	7.18	1637	8.02	1710	8.85	1781	9.71	1850	10.6	1915	11.5	1979	12.4	2040	13.3
3690	3000	1400	5.76	1483	6.56	1565	7.42	1641	8.26	1715	9.13	1785	10.0	1853	10.9	1919	11.8	1983	12.8	2044	13.7
3936	3200	1413	6.15	1496	7.02	1574	7.88	1651	8.80	1723	9.68	1794	10.6	1862	11.5	1927	12.4	1990	13.4	2051	14.4
4182	3400	1429	6.58	1509	7.46	1587	8.39	1661	9.30	1733	10.2	1803	11.2	1870	12.1	1936	13.1	1998	14.1	2059	15.1
4428	3600	1447	7.04	1525	7.95	1600	8.89	1674	9.87	1744	10.8	1813	11.8	1880	12.8	1944	13.8	2007	14.9	2067	15.9
4674	3800	1467	7.54	1542	8.46	1616	9.43	1687	10.4	1757	11.4	1824	12.5	1889	13.5	1954	14.6	2016	15.6	2076	16.7
4920	4000	1490	8.09	1562	9.02	1633	10.0	1703	11.0	1771	12.0	1836	13.1	1901	14.2	1964	15.3	2026	16.4	2086	17.6
5166	4200	1513	8.66	1584	9.65	1652	10.6	1720	11.6	1786	12.7	1851	13.8	1914	14.9	1977	16.1	2037	17.2	2095	18.4
5412	4400	1538	9.30	1607	10.2	1673	11.3	1739	12.3	1803	13.4	1867	14.5	1929	15.7	1989	16.8	2050	18.1	2107	19.2
5658	4600	1564	10.0	1631	10.9	1696	12.0	1760	13.0	1822	14.1	1884	15.3	1945	16.5	2005	17.6	2062	18.9	2120	20.1
5904	4800	1591	10.6	1657	11.7	1720	12.7	1783	13.9	1843	15.0	1903	16.1	1962	17.3	2020	18.5	2078	19.7	2134	21.0
6150	5000	1617	11.3	1683	12.5	1745	13.6	1806	14.7	1866	15.8	1923	17.0	1981	18.2	2037	19.4	2094	20.7	2150	22.0
6396	5200	1644	12.1	1709	13.3	1771	14.5	1831	15.6	1889	16.7	1946	17.9	2001	19.1	2057	20.4	2111	21.7	2166	23.0
6642	5400	1672	12.9	1736	14.1	1798	15.3	1856	16.5	1913	17.7	1969	18.9	2024	20.2	2077	21.4	2131	22.7	2184	24.0
6888	5600	1700	13.7	1763	14.9	1824	16.2	1883	17.5	1939	18.7	1993	19.9	2047	21.2	2100	22.5	2151	23.8	2203	25.1
7134	5800	1730	14.6	1791	15.8	1851	17.1	1909	18.5	1966	19.8	2019	21.0	2071	22.3	2123	23.7	2174	25.0	2224	26.3
7380	6000	1759	15.5	1820	16.8	1878	18.1	1936	19.5	1992	20.9	2045	22.3	2096	23.5	2147	24.8	2197	26.2	2247	27.6
7626	6200	1788	16.4	1849	17.8	1906	19.2	1962	20.5	2018	22.0	2072	23.4	2122	24.8	2172	26.1	2221	27.5	2270	28.9
7872	6400	1819	17.4	1878	18.8	1935	20.2	1991	21.7	2045	23.1	2098	24.6	2149	26.1	2198	27.5	2246	28.9	2294	30.2
8118	6600	1848	18.4	1908	19.9	1965	21.4	2019	22.8	2072	24.3	2124	25.8	2175	27.3	2225	28.9	2272	30.3	2319	31.7
8364	6800	1879	19.5	1938	21.1	1994	22.6	2048	24.0	2100	25.6	2151	27.1	2202	28.6	2251	30.2	2299	31.8	2344	33.3
8610	7000	1911	20.7	1967	22.2	2023	23.8	2077	25.3	2129	26.9	2179	28.4	2228	30.0	2277	31.6	2325	33.2	2371	34.9



INDUSTRIAL FAN

WHEEL DIA. 29 5/8"
OUTLET AREA 1.57 SQ FT
INLET DIA. 17"
INLET AREA 1.52 SQ FT

AIR WHEEL
TYPE XB



SIZE **17**

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2512	1600	508	.60	583	.83	654	1.07	721	1.35	784	1.64	842	1.94	899	2.25	953	2.54	1005	2.85	1101	3.41
2669	1700	519	.66	593	.90	661	1.15	726	1.43	788	1.73	845	2.04	900	2.36	954	2.68	1005	3.00	1101	3.62
2826	1800	529	.71	605	.98	669	1.23	732	1.51	792	1.82	849	2.14	903	2.48	955	2.81	1006	3.15	1101	3.83
2983	1900	539	.77	616	1.06	679	1.32	739	1.61	798	1.92	854	2.25	907	2.60	958	2.95	1007	3.30	1101	4.01
3140	2000	550	.82	627	1.14	689	1.42	747	1.70	804	2.02	859	2.36	911	2.71	961	3.08	1010	3.45	1102	4.19
3297	2100	560	.89	637	1.22	701	1.52	756	1.81	811	2.13	865	2.47	916	2.83	966	3.20	1013	3.60	1103	4.37
3454	2200	572	.95	647	1.30	712	1.63	767	1.94	819	2.25	871	2.60	921	2.96	970	3.34	1017	3.74	1106	4.54
3611	2300	585	1.03	657	1.38	723	1.74	778	2.06	828	2.39	879	2.73	928	3.10	976	3.48	1022	3.89	1110	4.73
3768	2400	597	1.11	668	1.47	733	1.85	789	2.20	839	2.53	887	2.88	935	3.25	982	3.64	1027	4.04	1114	4.89
3925	2500	610	1.19	678	1.56	743	1.96	800	2.34	850	2.69	896	3.03	943	3.41	989	3.80	1033	4.21	1118	5.07
4082	2600	624	1.29	689	1.66	753	2.07	811	2.47	862	2.85	907	3.20	951	3.58	996	3.97	1040	4.39	1124	5.26
4239	2700	638	1.38	701	1.76	764	2.18	822	2.61	873	3.01	918	3.38	961	3.76	1004	4.15	1047	4.58	1129	5.45
4396	2800	652	1.49	714	1.87	774	2.29	832	2.74	883	3.17	930	3.57	972	3.96	1013	4.35	1054	4.77	1136	5.66
4553	2900	667	1.60	726	1.99	785	2.42	842	2.88	894	3.34	941	3.76	983	4.16	1023	4.57	1063	4.98	1142	5.88
4710	3000	683	1.72	739	2.11	796	2.54	852	3.02	904	3.50	952	3.95	995	4.38	1034	4.79	1073	5.21	1150	6.11
5024	3200	713	1.99	767	2.39	820	2.83	873	3.31	924	3.83	973	4.33	1017	4.81	1057	5.28	1094	5.71	1167	6.61
5338	3400	745	2.28	795	2.69	845	3.14	895	3.63	945	4.17	993	4.71	1038	5.25	1079	5.76	1117	6.25	1187	7.18
5652	3600	777	2.60	825	3.02	872	3.49	920	4.00	966	4.53	1013	5.10	1058	5.68	1100	6.25	1139	6.79	1209	7.81
5966	3800	810	2.96	855	3.40	900	3.87	944	4.39	990	4.94	1034	5.52	1078	6.13	1120	6.74	1160	7.33	1232	8.45
6280	4000	842	3.35	886	3.81	928	4.30	971	4.82	1015	5.39	1056	5.97	1099	6.59	1140	7.24	1180	7.87	1254	9.11
6594	4200	876	3.79	918	4.27	959	4.76	999	5.30	1039	5.86	1081	6.48	1120	7.09	1161	7.75	1200	8.43	1274	9.76
6908	4400	909	4.26	950	4.76	989	5.27	1028	5.81	1066	6.39	1105	7.01	1144	7.64	1182	8.31	1221	9.00	1295	10.4
7222	4600	943	4.77	983	5.29	1020	5.82	1058	6.38	1094	6.97	1131	7.57	1169	8.24	1205	8.91	1242	9.61	1315	11.0
7536	4800	977	5.32	1015	5.85	1052	6.42	1088	6.98	1123	7.58	1158	8.21	1194	8.86	1230	9.57	1265	10.2	1336	11.7
7850	5000	1011	5.91	1048	6.47	1084	7.05	1118	7.65	1153	8.25	1186	8.88	1220	9.54	1255	10.2	1290	10.9	1357	12.4
8164	5200	1046	6.57	1082	7.15	1117	7.74	1150	8.34	1183	8.97	1215	9.60	1248	10.3	1280	10.9	1314	11.7	1379	13.2
8478	5400	1081	7.27	1116	7.87	1149	8.46	1182	9.10	1213	9.74	1245	10.4	1276	11.0	1308	11.7	1339	12.5	1403	14.1
8792	5600	1116	8.01	1149	8.63	1182	9.25	1214	9.90	1244	10.5	1275	11.2	1305	11.9	1336	12.6	1366	13.3	1428	15.0
9106	5800	1151	8.81	1184	9.44	1215	10.0	1247	10.7	1276	11.4	1305	12.1	1335	12.8	1364	13.5	1394	14.3	1452	15.9
9420	6000	1186	9.66	1217	10.3	1249	11.0	1279	11.6	1309	12.3	1336	13.0	1365	13.7	1393	14.5	1421	15.2	1478	16.8

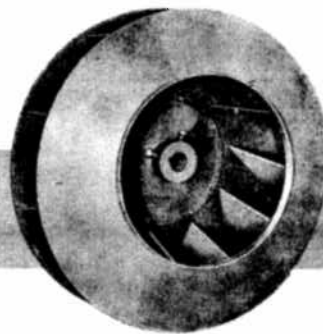
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4082	2600	1203	6.18	1279	7.14	1352	8.11	1423	9.07	1491	10.0	1557	11.0	1620	12.0	1681	12.9	1740	13.8		
4239	2700	1208	6.39	1283	7.37	1355	8.37	1424	9.38	1492	10.3	1557	11.4	1620	12.4	1681	13.4	1740	14.4	1797	15.3
4396	2800	1213	6.61	1287	7.60	1358	8.64	1427	9.67	1493	10.7	1558	11.7	1620	12.8	1681	13.8	1740	14.9	1797	15.9
4553	2900	1218	6.83	1292	7.84	1362	8.89	1430	9.96	1495	11.0	1559	12.1	1621	13.2	1682	14.3	1740	15.3	1797	16.4
4710	3000	1225	7.08	1297	8.09	1367	9.15	1434	10.2	1498	11.3	1561	12.4	1623	13.5	1682	14.7	1741	15.8	1797	16.9
5024	3200	1239	7.59	1309	8.63	1377	9.70	1443	10.8	1506	12.0	1567	13.1	1627	14.3	1685	15.5	1743	16.7	1798	17.9
5338	3400	1255	8.16	1323	9.22	1389	10.3	1453	11.4	1515	12.6	1576	13.8	1634	15.1	1691	16.3	1746	17.6	1801	18.9
5652	3600	1274	8.81	1338	9.85	1403	10.9	1465	12.1	1526	13.3	1585	14.5	1643	15.8	1699	17.1	1753	18.5	1807	19.8
5966	3800	1296	9.51	1357	10.5	1418	11.6	1479	12.8	1538	14.1	1595	15.3	1652	16.6	1707	18.0	1761	19.3	1814	20.7
6280	4000	1319	10.2	1379	11.3	1437	12.4	1494	13.6	1552	14.9	1609	16.2	1663	17.5	1718	18.8	1771	20.2	1823	21.7
6594	4200	1341	11.0	1401	12.2	1457	13.3	1513	14.5	1568	15.7	1623	17.1	1677	18.4	1729	19.8	1781	21.2	1832	22.6
6908	4400	1363	11.8	1424	13.0	1480	14.3	1533	15.5	1586	16.7	1638	18.0	1691	19.4	1743	20.8	1794	22.2	1843	23.7
7222	4600	1383	12.5	1446	13.9	1503	15.2	1556	16.5	1607	17.8	1657	19.1	1707	20.4	1758	21.9	1807	23.3	1856	24.8
7536	4800	1403	13.3	1467	14.8	1525	16.2	1579	17.6	1629	18.9	1677	20.2	1726	21.6	1774	23.0	1822	24.5	1870	26.0
7850	5000	1423	14.0	1487	15.6	1547	17.2	1601	18.7	1652	20.1	1700	21.5	1746	22.9	1793	24.3	1839	25.7	1886	27.2
8164	5200	1445	14.9	1507	16.5	1567	18.2	1623	19.8	1674	21.3	1723	22.8	1769	24.2	1814	25.6	1858	27.1	1903	28.6
8478	5400	1465	15.7	1527	17.4	1587	19.2	1643	20.8	1696	22.5	1745	24.0	1792	25.6	1836	27.1	1879	28.6	1922	30.1
8792	5600	1487	16.6	1549	18.3	1607	20.1	1663	21.9	1717	23.7	1767	25.4	1814	27.0	1859	28.6	1901	30.1	1943	31.6
9106	5800	1511	17.6	1569	19.3	1628	21.2	1683	23.0	1737	24.9	1788	26.7	1836	28.4	1881	30.1	1925	31.7	1966	33.3
9420	6000	1536	18.6	1591	20.3	1649	22.2	1704	24.1	1757	26.1	1808	28.0	1858	29.8	1903	31.6	1947	33.3	1989	35.1
9734	6200	1561	19.7	1616	21.5	1670	23.3	1725	25.3	1777	27.3	1829	29.3	1878	31.2	1925	33.2	1969	35.0	2011	36.7
10048	6400	1586	20.8	1640	22.6	1692	24.5	1746	26.5	1798	28.5	1849	30.6	1898	32.6	1945	34.6	1991	36.6	2033	38.5
10362	6600	1612	22.0	1665	23.9	1716	25.8	1767	27.7	1819	29.8	1869	31.9	1918	34.1	1965	36.1	2011	38.2	2055	40.3
10676	6800	1640	23.3	1690	25.1	1741	27.1	1790	29.1	1840	31.2	1891	33.3	1938	35.5	1985	37.7	2031	39.8	2075	42.0
10990	7000	1668	24.6	1716	26.4	1766	28.5	1815	30.5	1862	32.6	1911	34.8	1959	37.0	2006	39.3	2051	41.5	2095	43.7



INDUSTRIAL FAN

WHEEL DIA. 33"
OUTLET AREA 1.95 SQ FT
INLET DIA. 19"
INLET AREA 1.89 SQ FT

AIR WHEEL
TYPE XB



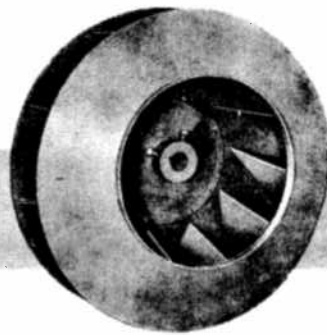
SIZE 19

CFM	Outlet Velocity	1" SP		1½" SP		2" SP		2½" SP		3" SP		3½" SP		4" SP		4½" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3120	1600	456	.75	524	1.02	588	1.34	648	1.68	704	2.04	756	2.41	807	2.78	856	3.16	902	3.53	988	4.23
3315	1700	466	.82	533	1.11	594	1.43	652	1.77	707	2.15	759	2.54	808	2.93	856	3.33	902	3.72	988	4.50
3510	1800	475	.88	543	1.21	601	1.53	658	1.88	711	2.26	762	2.66	811	3.08	857	3.49	903	3.91	988	4.75
3705	1900	484	.95	553	1.31	609	1.64	664	2.00	716	2.38	766	2.79	814	3.22	860	3.66	904	4.10	988	4.98
3900	2000	493	1.02	563	1.41	619	1.76	671	2.12	722	2.51	771	2.93	818	3.36	863	3.82	906	4.28	989	5.21
4095	2100	503	1.10	572	1.51	629	1.89	679	2.26	728	2.65	776	3.07	822	3.52	867	3.98	909	4.47	990	5.43
4290	2200	514	1.19	581	1.61	639	2.03	688	2.41	735	2.80	782	3.23	827	3.68	871	4.15	913	4.64	993	5.65
4485	2300	525	1.28	590	1.72	649	2.16	698	2.57	744	2.96	789	3.40	833	3.85	876	4.33	917	4.82	996	5.87
4680	2400	536	1.38	600	1.82	658	2.30	709	2.74	753	3.14	796	3.57	839	4.04	881	4.52	922	5.02	1000	6.08
4875	2500	548	1.48	609	1.94	667	2.43	719	2.90	763	3.34	805	3.77	846	4.23	887	4.72	927	5.23	1004	6.30
5070	2600	560	1.60	619	2.05	676	2.57	728	3.07	773	3.54	814	3.98	854	4.44	894	4.93	933	5.45	1009	6.53
5265	2700	573	1.72	630	2.18	686	2.71	738	3.24	783	3.74	824	4.20	863	4.67	901	5.16	940	5.68	1013	6.77
5460	2800	586	1.85	641	2.32	695	2.85	747	3.41	793	3.94	835	4.44	872	4.92	909	5.41	947	5.93	1019	7.03
5655	2900	599	1.99	652	2.47	704	3.00	756	3.58	803	4.14	844	4.67	882	5.17	918	5.67	954	6.19	1026	7.31
5850	3000	613	2.14	663	2.62	714	3.16	765	3.75	812	4.34	854	4.91	893	5.45	928	5.95	963	6.47	1032	7.59
6240	3200	640	2.47	688	2.96	736	3.52	784	4.12	830	4.75	873	5.38	913	5.98	949	6.55	982	7.09	1047	8.21
6630	3400	669	2.83	714	3.34	758	3.90	803	4.51	849	5.18	891	5.86	932	6.52	969	7.15	1003	7.76	1065	8.92
7020	3600	698	3.23	740	3.76	783	4.33	826	4.97	867	5.63	910	6.34	950	7.06	987	7.76	1022	8.43	1086	9.70
7410	3800	727	3.67	768	4.23	808	4.81	848	5.45	888	6.14	928	6.86	968	7.61	1006	8.37	1041	9.11	1106	10.5
7800	4000	756	4.16	795	4.74	833	5.34	872	5.99	911	6.70	948	7.41	987	8.19	1024	8.99	1059	9.78	1126	11.3
8190	4200	786	4.70	824	5.30	861	5.92	897	6.58	933	7.28	970	8.04	1006	8.81	1043	9.63	1078	10.4	1144	12.1
8580	4400	816	5.29	853	5.91	888	6.55	922	7.22	957	7.93	992	8.70	1027	9.50	1061	10.3	1097	11.1	1162	12.9
8970	4600	847	5.92	883	6.57	916	7.23	949	7.92	982	8.65	1015	9.41	1050	10.2	1082	11.0	1115	11.9	1180	13.7
9360	4800	877	6.61	911	7.27	945	7.97	976	8.67	1008	9.41	1040	10.2	1072	11.0	1104	11.8	1135	12.7	1199	14.6
9750	5000	908	7.35	941	8.04	973	8.76	1004	9.50	1035	10.2	1065	11.0	1096	11.8	1126	12.7	1158	13.6	1218	15.5
10140	5200	939	8.16	972	8.89	1003	9.62	1032	10.3	1062	11.1	1091	11.9	1121	12.7	1149	13.6	1180	14.5	1238	16.4
10530	5400	970	9.02	1001	9.77	1031	10.5	1061	11.3	1089	12.1	1118	12.9	1146	13.7	1174	14.6	1202	15.5	1259	17.5
10920	5600	1002	9.96	1032	10.7	1061	11.4	1090	12.3	1117	13.1	1145	13.9	1171	14.7	1199	15.7	1226	16.6	1282	18.6
11310	5800	1033	10.9	1063	11.7	1091	12.5	1119	13.3	1146	14.2	1172	15.0	1198	15.9	1224	16.8	1251	17.7	1304	19.7
11700	6000	1065	12.0	1093	12.8	1121	13.6	1148	14.4	1175	15.3	1200	16.2	1226	17.1	1250	18.0	1276	18.9	1327	20.9

CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5070	2600	1080	7.68	1148	8.87	1213	10.0	1277	11.2	1338	12.5	1397	13.7	1454	14.9	1509	16.0	1562	17.2		
5265	2700	1084	7.93	1152	9.16	1216	10.4	1278	11.6	1339	12.9	1398	14.1	1454	15.4	1509	16.7	1562	17.8		
5460	2800	1089	8.21	1156	9.44	1219	10.7	1281	12.0	1340	13.3	1399	14.6	1455	15.9	1509	17.2	1562	18.5	1613	19.7
5655	2900	1094	8.49	1160	9.74	1223	11.0	1284	12.3	1342	13.7	1400	15.0	1455	16.4	1510	17.7	1562	19.1	1613	20.4
5850	3000	1100	8.79	1165	10.0	1227	11.3	1287	12.7	1345	14.1	1401	15.5	1457	16.8	1510	18.2	1563	19.6	1614	21.0
6240	3200	1112	9.43	1175	10.7	1236	12.0	1295	13.4	1352	14.9	1407	16.3	1461	17.8	1513	19.3	1564	20.8	1615	22.3
6630	3400	1126	10.1	1188	11.4	1247	12.8	1304	14.2	1360	15.7	1414	17.2	1467	18.8	1518	20.3	1568	21.9	1617	23.4
7020	3600	1144	10.9	1202	12.2	1259	13.6	1315	15.0	1369	16.5	1423	18.1	1475	19.7	1525	21.3	1574	23.0	1622	24.6
7410	3800	1164	11.8	1218	13.1	1273	14.5	1328	16.0	1381	17.5	1432	19.0	1483	20.7	1533	22.3	1581	24.0	1628	25.8
7800	4000	1184	12.7	1238	14.1	1290	15.5	1342	16.9	1393	18.5	1444	20.1	1493	21.7	1542	23.4	1590	25.1	1636	26.9
8190	4200	1204	13.6	1258	15.1	1308	16.6	1358	18.0	1407	19.6	1457	21.2	1505	22.9	1553	24.6	1599	26.3	1645	28.1
8580	4400	1224	14.6	1278	16.2	1329	17.7	1376	19.2	1424	20.8	1471	22.4	1518	24.1	1565	25.8	1610	27.6	1654	29.4
8970	4600	1242	15.5	1298	17.3	1349	18.9	1397	20.5	1442	22.1	1488	23.7	1532	25.4	1578	27.2	1623	29.0	1666	30.8
9360	4800	1260	16.5	1317	18.4	1369	20.1	1417	21.9	1462	23.5	1506	25.2	1549	26.8	1592	28.6	1636	30.4	1679	32.3
9750	5000	1278	17.5	1335	19.4	1388	21.4	1437	23.2	1483	25.0	1526	26.7	1568	28.4	1609	30.1	1651	31.9	1693	33.8
10140	5200	1297	18.5	1353	20.5	1406	22.6	1457	24.6	1503	26.4	1547	28.3	1588	30.1	1628	31.8	1668	33.7	1708	35.5
10530	5400	1315	19.5	1371	21.6	1424	23.8	1475	25.9	1523	27.9	1567	29.9	1609	31.8	1648	33.6	1687	35.5	1726	37.4
10920	5600	1335	20.6	1390	22.8	1443	25.0	1493	27.2	1541	29.4	1586	31.5	1628	33.5	1669	35.5	1707	37.4	1745	39.3
11310	5800	1357	21.8	1409	24.0	1461	26.3	1511	28.6	1559	30.9	1606	33.1	1648	35.3	1689	37.4	1728	39.4	1765	41.4
11700	6000	1379	23.1	1429	25.3	1480	27.6	1530	30.0	1577	32.4	1624	34.7	1668	37.1	1709	39.2	1748	41.4	1786	43.6
12090	6200	1401	24.4	1450	26.7	1499	29.0	1549	31.4	1596	33.9	1641	36.4	1686	38.8	1729	41.2	1768	43.4	1805	45.6
12480	6400	1423	25.8	1473	28.1	1519	30.4	1567	32.9	1614	35.4	1660	38.0	1704	40.5	1746	43.0	1788	45.5	1825	47.8
12870	6600	1448	27.3	1495	29.6	1541	32.0	1586	34.5	1633	37.1	1678	39.7	1722	42.3	1764	44.9	1805	47.5	1845	50.0
13260	6800	1472	28.9	1517	31.2	1563	33.7	1607	36.1	1652	38.7	1697	41.4	1740	44.1	1782	46.8	1823	49.5	1863	52.1
13650	7000	1497	30.6	1541	32.9	1585	35.4	1629	37.9	1672	40.4	1716	43.2	1759	46.0	1801	48.8	1841	51.6	1881	54.3



INDUSTRIAL FAN



WHEEL DIA. 36 1/2"
OUTLET AREA 2.39 SQ FT
INLET DIA. 21"
INLET AREA 2.33 SQ FT

AIR WHEEL
TYPE XB

SIZE 21

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3824	1600	413	.92	473	1.26	531	1.64	585	2.06	636	2.50	684	2.96	730	3.41	774	3.87	815	4.33		
4063	1700	421	1.00	482	1.37	537	1.75	590	2.18	639	2.63	686	3.11	731	3.59	774	4.08	816	4.56	893	5.52
4302	1800	429	1.08	491	1.49	543	1.87	595	2.31	643	2.77	689	3.27	733	3.77	775	4.28	816	4.80	893	5.83
4541	1900	438	1.17	500	1.61	551	2.01	600	2.45	647	2.92	693	3.42	736	3.95	777	4.48	817	5.02	894	6.11
4780	2000	446	1.25	509	1.73	559	2.16	606	2.60	653	3.08	697	3.59	740	4.12	780	4.69	819	5.24	894	6.38
5019	2100	455	1.35	517	1.86	569	2.32	614	2.76	659	3.25	702	3.77	744	4.31	784	4.88	822	5.47	895	6.66
5258	2200	464	1.45	525	1.98	578	2.48	622	2.95	665	3.43	707	3.96	748	4.51	788	5.08	826	5.69	898	6.92
5497	2300	474	1.57	534	2.11	587	2.65	631	3.15	672	3.64	713	4.16	753	4.72	792	5.30	829	5.91	901	7.20
5736	2400	484	1.69	542	2.24	595	2.81	641	3.35	681	3.86	720	4.38	759	4.95	797	5.54	834	6.15	904	7.45
5975	2500	495	1.82	551	2.37	603	2.98	650	3.56	690	4.09	728	4.62	765	5.19	802	5.79	838	6.41	908	7.72
6214	2600	507	1.96	559	2.52	612	3.15	659	3.77	699	4.34	736	4.88	772	5.44	808	6.05	844	6.68	912	8.00
6453	2700	518	2.11	569	2.68	620	3.32	667	3.97	708	4.58	745	5.15	780	5.73	815	6.32	850	6.97	916	8.30
6692	2800	529	2.27	579	2.85	628	3.49	675	4.18	717	4.83	754	5.44	789	6.03	822	6.63	856	7.26	922	8.62
6931	2900	542	2.44	589	3.03	637	3.68	683	4.39	726	5.08	763	5.73	798	6.34	830	6.96	863	7.59	927	8.96
7170	3000	554	2.62	600	3.21	646	3.87	691	4.60	734	5.32	772	6.02	807	6.67	839	7.30	871	7.94	933	9.31
7648	3200	579	3.02	622	3.63	666	4.31	708	5.05	750	5.83	789	6.59	825	7.33	858	8.03	888	8.70	947	10.0
8126	3400	605	3.47	645	4.09	686	4.78	726	5.53	767	6.35	806	7.18	842	7.99	876	8.77	907	9.52	963	10.9
8604	3600	631	3.96	669	4.61	708	5.31	747	6.09	784	6.90	822	7.77	859	8.66	893	9.51	924	10.3	982	11.8
9082	3800	657	4.50	694	5.18	730	5.90	766	6.68	803	7.52	839	8.41	875	9.33	909	10.2	942	11.1	1000	12.8
9560	4000	684	5.10	719	5.81	754	6.54	788	7.34	823	8.21	857	9.08	892	10.0	926	11.0	958	11.9	1018	13.8
10038	4200	711	5.76	745	6.50	778	7.26	811	8.07	844	8.92	877	9.86	909	10.8	943	11.8	974	12.8	1034	14.8
10516	4400	738	6.48	771	7.24	803	8.03	834	8.85	866	9.73	897	10.6	929	11.6	960	12.6	991	13.7	1051	15.8
10994	4600	766	7.26	798	8.05	828	8.86	858	9.71	888	10.6	918	11.5	949	12.5	978	13.5	1008	14.6	1067	16.8
11472	4800	793	8.10	824	8.91	854	9.77	883	10.6	911	11.5	940	12.5	969	13.5	999	14.5	1026	15.6	1084	17.9
11950	5000	821	9.01	851	9.86	880	10.7	908	11.6	936	12.5	963	13.5	990	14.5	1018	15.6	1047	16.7	1101	19.0
12428	5200	849	10.0	878	10.9	907	11.8	933	12.7	960	13.6	986	14.6	1013	15.6	1039	16.7	1067	17.8	1119	20.1
12906	5400	877	11.0	905	11.9	932	12.8	959	13.8	985	14.8	1010	15.8	1036	16.8	1061	17.9	1087	19.0	1139	21.4
13384	5600	906	12.2	933	13.1	959	14.0	985	15.0	1010	16.0	1035	17.1	1059	18.1	1084	19.2	1109	20.3	1159	22.8
13862	5800	934	13.4	961	14.3	986	15.3	1012	16.4	1036	17.4	1059	18.4	1083	19.5	1107	20.6	1131	21.8	1179	24.2
14340	6000	963	14.7	988	15.6	1014	16.7	1038	17.7	1062	18.8	1085	19.9	1108	21.0	1130	22.1	1154	23.2	1200	25.7

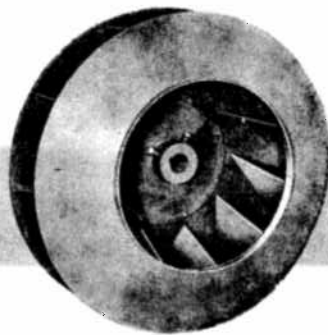
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6214	2600	977	9.41	1038	10.8	1097	12.3	1155	13.8	1210	15.3	1263	16.7	1315	18.3	1364	19.7	1413	21.0	1459	22.4
6453	2700	980	9.73	1041	11.2	1100	12.7	1156	14.2	1211	15.8	1264	17.3	1315	18.9	1364	20.4	1412	21.9	1459	23.3
6692	2800	985	10.0	1045	11.5	1102	13.1	1158	14.7	1212	16.3	1264	17.9	1315	19.5	1365	21.1	1412	22.7	1459	24.2
6931	2900	989	10.4	1049	11.9	1106	13.5	1161	15.1	1214	16.8	1265	18.4	1316	20.1	1365	21.7	1413	23.4	1459	25.1
7170	3000	994	10.7	1053	12.3	1109	13.9	1164	15.6	1216	17.3	1267	19.0	1317	20.6	1366	22.4	1413	24.1	1459	25.8
7648	3200	1006	11.5	1062	13.1	1118	14.7	1171	16.4	1222	18.2	1272	20.0	1321	21.8	1368	23.6	1414	25.5	1460	27.3
8126	3400	1018	12.4	1074	14.0	1127	15.7	1179	17.4	1230	19.2	1279	21.1	1326	23.0	1372	24.9	1417	26.8	1462	28.7
8604	3600	1034	13.4	1086	15.0	1138	16.7	1189	18.4	1238	20.3	1286	22.2	1333	24.1	1379	26.1	1423	28.2	1466	30.2
9082	3800	1052	14.4	1102	16.1	1151	17.8	1200	19.6	1248	21.4	1295	23.3	1341	25.3	1386	27.4	1430	29.5	1472	31.6
9560	4000	1071	15.6	1119	17.3	1166	19.0	1213	20.8	1260	22.7	1306	24.6	1350	26.6	1394	28.7	1437	30.8	1479	33.0
10038	4200	1089	16.7	1137	18.6	1183	20.3	1228	22.1	1272	24.0	1317	26.0	1361	28.0	1404	30.1	1446	32.3	1487	34.5
10516	4400	1106	17.9	1156	19.9	1201	21.7	1244	23.6	1287	25.5	1330	27.4	1373	29.5	1415	31.7	1456	33.8	1496	36.1
10994	4600	1122	19.0	1173	21.2	1220	23.2	1263	25.2	1304	27.1	1345	29.1	1385	31.1	1427	33.3	1467	35.5	1507	37.8
11472	4800	1139	20.2	1190	22.5	1238	24.7	1281	26.8	1322	28.8	1362	30.8	1401	32.9	1440	35.0	1479	37.3	1518	39.6
11950	5000	1155	21.4	1207	23.8	1255	26.2	1299	28.4	1341	30.7	1380	32.7	1417	34.8	1455	37.0	1492	39.2	1530	41.5
12428	5200	1173	22.6	1223	25.2	1271	27.7	1317	30.1	1359	32.4	1399	34.7	1436	36.8	1472	39.0	1508	41.3	1544	43.5
12906	5400	1189	23.9	1240	26.5	1288	29.2	1334	31.7	1377	34.3	1416	36.6	1454	39.0	1490	41.2	1525	43.5	1560	45.8
13384	5600	1207	25.3	1257	27.9	1304	30.7	1350	33.4	1394	36.1	1434	38.6	1472	41.1	1509	43.5	1543	45.8	1577	48.2
13862	5800	1227	26.8	1274	29.4	1321	32.2	1366	35.1	1410	37.9	1452	40.6	1490	43.2	1527	45.8	1562	48.3	1595	50.7
14340	6000	1247	28.3	1292	31.0	1338	33.9	1383	36.8	1426	39.7	1468	42.6	1508	45.5	1545	48.1	1580	50.8	1614	53.4
14818	6200	1267	30.0	1311	32.7	1355	35.5	1400	38.5	1443	41.6	1484	44.6	1524	47.5	1563	50.5	1598	53.2	1632	56.0
15296	6400	1287	31.6	1331	34.5	1373	37.3	1417	40.4	1460	43.5	1500	46.6	1540	49.7	1579	52.7	1616	55.8	1650	58.6
15774	6600	1309	33.5	1351	36.3	1393	39.3	1434	42.3	1477	45.4	1517	48.6	1557	51.9	1595	55.0	1632	58.2	1668	61.3
16252	6800	1331	35.4	1371	38.3	1413	41.3	1453	44.3	1494	47.5	1534	50.8	1573	54.1	1611	57.4	1648	60.7	1684	63.9
16730	7000	1354	37.5	1393	40.3	1433	43.4	1473	46.5	1511	49.6	1551	52.9	1590	56.3	1628	59.8	1665	63.2	1701	66.5



INDUSTRIAL FAN

WHEEL DIA. 40"
OUTLET AREA 2.85 SQ FT
INLET DIA. 23"
INLET AREA 2.78 SQ FT

AIR WHEEL
TYPE XB



SIZE 23

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4560	1600	376	1.09	432	1.50	485	1.95	534	2.45	580	2.99	624	3.53	666	4.07	706	4.61	744	5.17	815	6.18
4845	1700	384	1.19	439	1.63	490	2.09	538	2.60	583	3.14	626	3.71	667	4.29	706	4.86	744	5.44	815	6.58
5130	1800	392	1.29	448	1.77	496	2.23	542	2.75	587	3.31	629	3.90	669	4.50	707	5.11	745	5.72	815	6.95
5415	1900	399	1.39	456	1.91	503	2.40	548	2.92	591	3.48	632	4.08	672	4.71	709	5.35	746	5.99	815	7.29
5700	2000	407	1.50	464	2.06	510	2.57	553	3.10	596	3.67	636	4.28	675	4.92	712	5.59	748	6.26	816	7.61
5925	2100	415	1.61	472	2.21	519	2.77	560	3.30	601	3.88	640	4.49	679	5.14	715	5.82	750	6.53	817	7.94
6270	2200	424	1.74	479	2.36	527	2.96	568	3.52	607	4.09	645	4.72	682	5.38	719	6.06	753	6.78	819	8.25
6555	2300	433	1.87	487	2.51	535	3.16	576	3.75	614	4.34	651	4.96	687	5.63	723	6.33	757	7.05	822	8.58
6840	2400	442	2.01	495	2.67	543	3.36	585	4.00	621	4.60	657	5.22	693	5.90	727	6.60	761	7.34	825	8.88
7125	2500	452	2.17	502	2.83	551	3.55	593	4.24	629	4.88	664	5.51	698	6.19	732	6.90	765	7.64	828	9.20
7410	2600	462	2.34	511	3.00	558	3.75	601	4.49	638	5.17	672	5.82	705	6.49	738	7.21	770	7.97	832	9.54
7695	2700	473	2.51	520	3.20	566	3.96	608	4.73	646	5.46	680	6.15	712	6.83	743	7.54	775	8.31	836	9.90
7980	2800	483	2.70	529	3.40	573	4.17	616	4.98	654	5.76	688	6.49	720	7.19	750	7.90	781	8.66	841	10.2
8265	2900	494	2.91	538	3.61	581	4.39	623	5.23	662	6.06	697	6.83	728	7.56	758	8.30	787	9.05	846	10.6
8550	3000	506	3.13	547	3.83	589	4.62	631	5.49	670	6.35	705	7.17	737	7.96	766	8.70	794	9.47	852	11.1
9120	3200	528	3.60	568	4.33	607	5.14	646	6.02	685	6.95	720	7.86	753	8.74	783	9.58	810	10.3	864	12.0
9690	3400	552	4.14	589	4.88	626	5.70	663	6.60	700	7.57	735	8.56	769	9.53	799	10.4	827	11.3	879	13.0
10260	3600	576	4.72	611	5.49	646	6.34	681	7.27	716	8.23	750	9.27	783	10.3	815	11.3	844	12.3	896	14.1
10830	3800	600	5.37	633	6.18	666	7.04	699	7.97	733	8.97	766	10.0	799	11.1	830	12.2	859	13.3	912	15.3
11400	4000	624	6.09	656	6.92	688	7.80	719	8.75	751	9.79	782	10.8	814	11.9	845	13.1	874	14.3	929	16.5
11970	4200	649	6.88	680	7.75	710	8.65	740	9.63	770	10.6	801	11.7	830	12.8	860	14.0	889	15.3	944	17.7
12540	4400	673	7.73	704	8.64	733	9.58	761	10.5	790	11.6	819	12.7	848	13.8	876	15.0	905	16.3	959	18.9
13110	4600	699	8.67	728	9.60	755	10.5	783	11.5	810	12.6	838	13.7	866	14.9	893	16.1	920	17.4	974	20.1
13680	4800	724	9.66	752	10.6	779	11.6	805	12.6	832	13.7	858	14.9	884	16.1	911	17.3	937	18.6	989	21.3
14250	5000	749	10.7	776	11.7	803	12.8	828	13.8	854	14.9	879	16.1	904	17.3	929	18.6	955	19.9	1005	22.6
14820	5200	775	11.9	802	12.9	827	14.0	851	15.1	876	16.2	900	17.4	925	18.7	948	19.9	973	21.3	1021	24.0
15390	5400	801	13.2	826	14.2	851	15.3	875	16.5	899	17.6	922	18.8	945	20.1	968	21.4	992	22.7	1039	25.6
15960	5600	827	14.5	851	15.6	875	16.7	899	17.9	921	19.1	944	20.3	966	21.6	989	22.9	1012	24.3	1057	27.2
16530	5800	853	16.0	877	17.1	900	18.3	923	19.5	945	20.7	967	22.0	989	23.2	1010	24.6	1032	26.0	1075	28.8
17100	6000	878	17.5	902	18.7	925	19.9	947	21.1	969	22.4	990	23.7	1011	25.0	1031	26.3	1053	27.7	1095	30.6

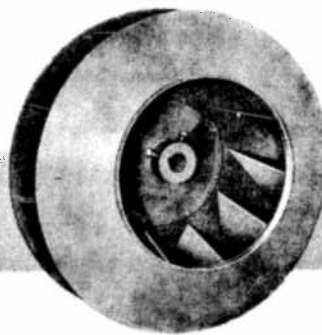
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7410	2600	891	11.2	947	12.9	1001	14.7	1054	16.4	1104	18.2	1153	20.0	1200	21.8	1245	23.4	1289	25.1	1331	26.8
7695	2700	895	11.6	950	13.3	1004	15.2	1055	17.0	1105	18.8	1153	20.7	1200	22.5	1245	24.4	1289	26.1	1331	27.8
7980	2800	898	12.0	954	13.8	1006	15.6	1057	17.5	1106	19.4	1154	21.3	1200	23.2	1245	25.1	1289	27.1	1331	28.9
8265	2900	902	12.4	957	14.2	1009	16.1	1059	18.0	1107	20.0	1155	22.0	1201	23.9	1245	25.9	1289	27.9	1331	29.9
8550	3000	907	12.8	961	14.6	1012	16.6	1062	18.6	1110	20.6	1156	22.6	1202	24.6	1246	26.7	1289	28.7	1331	30.8
9120	3200	918	13.7	969	15.6	1020	17.6	1068	19.6	1115	21.7	1161	23.9	1205	26.0	1248	28.2	1291	30.4	1332	32.6
9690	3400	929	14.8	980	16.7	1029	18.7	1076	20.8	1122	22.9	1167	25.1	1210	27.4	1252	29.7	1293	32.0	1334	34.3
10260	3600	944	16.0	991	17.8	1039	19.9	1085	22.0	1130	24.2	1174	26.4	1217	28.8	1258	31.2	1298	33.6	1338	36.0
10830	3800	960	17.2	1005	19.2	1050	21.2	1095	23.3	1139	25.6	1182	27.8	1224	30.2	1265	32.6	1305	35.1	1343	37.7
11400	4000	977	18.6	1021	20.6	1064	22.6	1107	24.8	1150	27.0	1191	29.4	1232	31.8	1272	34.2	1311	36.7	1350	39.3
11970	4200	993	20.0	1038	22.1	1079	24.2	1120	26.4	1161	28.6	1202	31.0	1242	33.4	1281	35.9	1319	38.5	1357	41.1
12540	4400	1010	21.4	1054	23.7	1096	25.9	1136	28.1	1175	30.4	1214	32.7	1253	35.2	1291	37.8	1328	40.4	1365	43.0
13110	4600	1024	22.7	1071	25.3	1113	27.7	1152	30.0	1190	32.3	1227	34.7	1264	37.1	1302	39.7	1339	42.4	1375	45.0
13680	4800	1039	24.1	1086	26.9	1129	29.5	1169	32.0	1206	34.4	1242	36.8	1278	39.2	1314	41.8	1350	44.5	1385	47.2
14250	5000	1054	25.5	1101	28.4	1145	31.3	1186	33.9	1224	36.6	1259	39.0	1293	41.5	1328	44.1	1362	46.7	1396	49.5
14820	5200	1070	27.0	1116	30.0	1160	33.0	1202	35.9	1240	38.7	1276	41.4	1310	43.9	1343	46.6	1376	49.2	1409	51.9
15390	5400	1085	28.5	1131	31.7	1175	34.8	1217	37.9	1256	40.9	1292	43.7	1327	46.5	1360	49.2	1392	51.9	1424	54.6
15960	5600	1101	30.1	1147	33.3	1190	36.6	1232	39.8	1272	43.0	1309	46.1	1343	49.0	1377	51.9	1408	54.7	1439	57.5
16530	5800	1119	31.9	1162	35.1	1206	38.5	1247	41.8	1286	45.2	1325	48.5	1360	51.6	1393	54.6	1426	57.6	1456	60.5
17100	6000	1138	33.8	1179	37.0	1221	40.4	1262	43.9	1301	47.4	1339	50.8	1376	54.2	1410	57.4	1442	60.5	1473	63.7
17670	6200	1156	35.7	1197	39.0	1237	42.4	1278	46.0	1316	49.6	1354	53.2	1391	56.7	1426	60.2	1458	63.5	1489	66.7
18240	6400	1174	37.7	1215	41.1	1253	44.5	1293	48.1	1332	51.8	1369	55.6	1406	59.3	1441	62.9	1475	66.6	1506	69.9
18810	6600	1194	39.9	1233	43.4	1271	46.8	1309	50.4	1347	54.2	1384	58.0	1420	61.9	1455	65.6	1489	69.4	1522	73.2
19380	6800	1215	42.3	1251	45.6	1290	49.2	1326	52.8	1363	56.6	1400	60.5	1436	64.5	1470	68.5	1504	72.3	1537	76.2
19950	7000	1235	44.7	1271	48.0	1308	51.7	1344	55.4	1379	59.1	1415	63.1	1451	67.2	1486	71.3	1519	75.4	1552	79.3



INDUSTRIAL FAN

WHEEL DIA. 45 1/2"
OUTLET AREA 3.64 SQ FT
INLET DIA. 26"
INLET AREA 3.61 SQ FT

AIR WHEEL
TYPE XB



SIZE 26

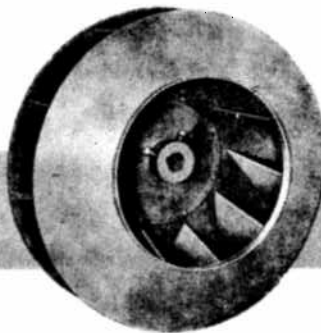
CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5824	1600	334	1.40	383	1.92	430	2.50	474	3.13	514	3.82	553	4.51	590	5.20	626	5.89	659	6.60	723	7.90
6188	1700	341	1.52	390	2.08	434	2.67	477	3.32	517	4.02	555	4.74	591	5.48	626	6.21	660	6.95	723	8.40
6552	1800	347	1.65	397	2.26	439	2.85	481	3.51	520	4.22	558	4.98	593	5.75	627	6.52	660	7.31	723	8.87
6916	1900	354	1.78	404	2.45	446	3.06	485	3.73	524	4.45	560	5.21	595	6.02	629	6.83	661	7.65	723	9.31
7280	2000	361	1.91	412	2.64	453	3.29	491	3.96	528	4.69	564	5.47	598	6.28	631	7.14	663	7.99	723	9.72
7644	2100	368	2.05	418	2.82	460	3.54	497	4.21	533	4.95	568	5.74	601	6.57	634	7.43	665	8.34	724	10.1
8008	2200	376	2.22	425	3.02	467	3.78	503	4.49	538	5.23	572	6.03	605	6.87	637	7.75	668	8.66	726	10.5
8372	2300	384	2.39	432	3.21	475	4.04	511	4.79	544	5.54	577	6.34	609	7.19	640	8.08	671	9.01	728	10.9
8736	2400	392	2.57	439	3.41	481	4.29	518	5.11	551	5.87	582	6.67	614	7.54	645	8.44	674	9.37	731	11.3
9100	2500	401	2.77	445	3.62	488	4.54	525	5.42	558	6.23	589	7.04	619	7.90	649	8.82	678	9.76	734	11.7
9464	2600	410	2.98	453	3.84	495	4.80	533	5.74	566	6.61	595	7.43	625	8.29	654	9.21	682	10.1	738	12.2
9828	2700	419	3.21	461	4.08	501	5.06	539	6.05	573	6.98	603	7.85	631	8.72	659	9.64	687	10.6	741	12.6
10192	2800	428	3.45	469	4.34	508	5.33	546	6.36	580	7.36	610	8.29	638	9.18	665	10.1	692	11.0	745	13.1
10556	2900	438	3.72	477	4.61	515	5.61	553	6.68	587	7.74	618	8.72	645	9.66	672	10.6	698	11.5	750	13.6
10920	3000	448	3.99	485	4.89	522	5.90	559	7.01	594	8.11	625	9.16	653	10.1	679	11.1	704	12.0	755	14.1
11648	3200	468	4.60	503	5.53	538	6.57	573	7.69	607	8.87	639	10.0	667	11.1	694	12.2	718	13.2	766	15.3
12376	3400	489	5.28	522	6.23	555	7.29	588	8.43	621	9.67	652	10.9	681	12.1	708	13.3	733	14.5	779	16.6
13104	3600	510	6.03	541	7.02	572	8.09	604	9.28	634	10.5	665	11.8	694	13.1	722	14.4	748	15.7	794	18.1
13832	3800	531	6.86	561	7.89	591	8.99	620	10.1	650	11.4	679	12.8	708	14.2	735	15.6	762	17.0	809	19.6
14560	4000	553	7.77	582	8.84	609	9.97	638	11.1	666	12.5	693	13.8	722	15.3	749	16.7	775	18.2	823	21.1
15288	4200	575	8.78	603	9.89	629	11.0	656	12.3	682	13.6	710	15.0	736	16.4	762	17.9	788	19.5	837	22.6
16016	4400	597	9.88	624	11.0	649	12.2	675	13.4	700	14.8	726	16.2	751	17.7	776	19.2	802	20.8	850	24.1
16744	4600	619	11.0	645	12.2	670	13.5	694	14.7	718	16.1	743	17.5	768	19.1	791	20.6	816	22.2	863	25.7
17472	4800	642	12.3	666	13.5	691	14.8	714	16.2	737	17.5	760	19.0	784	20.5	808	22.1	830	23.7	877	27.2
18200	5000	664	13.7	688	15.0	712	16.3	734	17.7	757	19.1	779	20.6	801	22.1	824	23.7	847	25.4	891	28.9
18928	5200	687	15.2	710	16.6	733	17.9	755	19.3	777	20.8	798	22.2	820	23.8	841	25.4	863	27.2	905	30.7
19656	5400	710	16.8	732	18.2	754	19.6	776	21.1	797	22.5	817	24.1	838	25.6	858	27.3	879	29.0	921	32.6
20384	5600	733	18.5	755	20.0	776	21.4	797	22.9	817	24.4	837	26.0	856	27.6	877	29.3	897	31.0	937	34.7
21112	5800	756	20.4	777	21.9	798	23.3	818	24.9	838	26.5	857	28.1	876	29.7	895	31.4	915	33.2	953	36.9
21840	6000	779	22.4	799	23.9	820	25.5	840	27.0	859	28.6	877	30.3	896	31.9	914	33.6	933	35.4	970	39.1

CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9464	2600	790	14.3	840	16.5	887	18.8	934	21.0	979	23.3	1022	25.5	1063	27.8	1104	30.0	1143	32.1	1180	34.2
9828	2700	793	14.8	842	17.1	890	19.4	935	21.7	979	24.0	1022	26.4	1064	28.7	1104	31.1	1142	33.3	1180	35.5
10192	2800	796	15.3	845	17.6	892	20.0	937	22.4	980	24.8	1023	27.2	1064	29.7	1104	32.1	1142	34.6	1180	36.9
10556	2900	800	15.8	848	18.1	894	20.6	939	23.1	982	25.6	1024	28.1	1064	30.6	1104	33.1	1143	35.6	1180	38.2
10920	3000	804	16.4	852	18.7	897	21.2	941	23.7	984	26.3	1025	28.9	1065	31.5	1105	34.1	1143	36.7	1180	39.3
11648	3200	813	17.6	859	20.0	904	22.5	947	25.1	989	27.8	1029	30.5	1068	33.3	1106	36.0	1144	38.8	1181	41.6
12376	3400	824	18.9	868	21.3	912	23.9	954	26.5	995	29.3	1034	32.1	1073	35.0	1110	37.9	1147	40.9	1182	43.8
13104	3600	837	20.4	879	22.8	921	25.4	962	28.1	1002	30.9	1041	33.8	1078	36.7	1115	39.8	1151	42.9	1186	46.0
13832	3800	851	22.0	891	24.5	931	27.1	971	29.8	1010	32.7	1047	35.6	1085	38.6	1121	41.7	1156	44.9	1191	48.2
14560	4000	866	23.8	905	26.3	943	28.9	981	31.6	1019	34.6	1056	37.5	1092	40.6	1128	43.7	1163	46.9	1197	50.3
15288	4200	880	25.5	920	28.3	957	31.0	993	33.7	1029	36.6	1065	39.6	1101	42.7	1135	45.9	1169	49.2	1203	52.5
16016	4400	895	27.3	935	30.3	972	33.1	1007	35.9	1041	38.8	1076	41.8	1110	45.0	1144	48.3	1178	51.6	1210	54.9
16744	4600	908	29.0	949	32.3	987	35.4	1021	38.3	1055	41.3	1088	44.3	1121	47.4	1154	50.7	1187	54.1	1219	57.5
17472	4800	921	30.8	963	34.3	1001	37.6	1037	40.9	1069	43.9	1101	47.0	1133	50.1	1164	53.4	1196	56.8	1228	60.3
18200	5000	935	32.6	976	36.3	1015	40.0	1051	43.3	1085	46.7	1116	49.8	1147	53.0	1177	56.3	1207	59.7	1238	63.2
18928	5200	948	34.5	989	38.4	1028	42.2	1065	45.9	1099	49.4	1131	52.9	1161	56.1	1191	59.5	1220	62.9	1249	66.3
19656	5400	962	36.4	1003	40.4	1042	44.5	1079	48.4	1113	52.2	1146	55.8	1176	59.4	1205	62.8	1234	66.3	1262	69.8
20384	5600	976	38.5	1017	42.6	1055	46.8	1092	50.9	1127	55.0	1160	58.9	1191	62.6	1221	66.3	1248	69.9	1276	73.4
21112	5800	992	40.8	1030	44.9	1069	49.1	1105	53.4	1140	57.7	1174	61.9	1205	65.9	1235	69.8	1264	73.6	1290	77.3
21840	6000	1008	43.2	1045	47.2	1082	51.6	1119	56.0	1154	60.5	1187	64.9	1220	69.2	1249	73.3	1278	77.3	1306	81.3
22568	6200	1025	45.6	1061	49.8	1096	54.2	1133	58.7	1167	63.3	1200	67.9	1233	72.4	1264	77.0	1293	81.1	1320	85.2
23296	6400	1041	48.2	1077	52.6	1111	56.8	1146	61.5	1181	66.2	1214	71.0	1246	75.7	1277	80.4	1307	85.0	1335	89.3
24024	6600	1059	51.0	1093	55.4	1127	59.8	1160	64.4	1194	69.2	1227	74.1	1259	79.0	1290	83.9	1320	88.7	1349	93.5
24752	6800	1077	54.0	1109	58.3	1143	62.9	1175	67.4	1208	72.3	1241	77.3	1273	82.4	1303	87.5	1333	92.4	1362	97.3
25480	7000	1095	57.1	1127	61.4	1159	66.1	1191	70.8	1222	75.5	1255	80.7	1286	85.8	1317	91.1	1347	96.3	1376	101



INDUSTRIAL FAN

AIR WHEEL
TYPE XB



SIZE 29

WHEEL DIA. 50 1/2"
OUTLET AREA 4.56 SQ FT
INLET DIA. 29"
INLET AREA 4.43 SQ FT

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7296	1600	298	1.75	342	2.40	384	3.13	423	3.93	460	4.78	494	5.65	528	6.52	559	7.39	589	8.27	646	9.90
7752	1700	304	1.91	348	2.61	388	3.34	426	4.16	462	5.03	496	5.94	528	6.86	560	7.79	589	8.71	646	10.5
8208	1800	310	2.06	355	2.83	393	3.57	430	4.40	465	5.29	498	6.21	530	7.20	560	8.18	590	9.15	646	11.1
8664	1900	316	2.23	361	3.07	398	3.84	434	4.67	468	5.57	501	6.53	532	7.54	562	8.56	591	9.59	646	11.6
9120	2000	322	2.39	368	3.31	404	4.12	438	4.96	472	5.88	504	6.85	535	7.87	564	8.95	592	10.0	646	12.1
9576	2100	329	2.57	374	3.54	411	4.43	444	5.28	476	6.20	507	7.19	537	8.23	566	9.31	594	10.4	647	12.7
10032	2200	336	2.78	380	3.78	418	4.74	450	5.63	481	6.55	511	7.56	541	8.61	569	9.71	597	10.8	649	13.2
10488	2300	343	2.99	386	4.02	424	5.06	456	6.01	486	6.94	516	7.95	544	9.01	572	10.1	599	11.2	651	13.7
10944	2400	350	3.22	392	4.27	430	5.37	463	6.40	492	7.36	520	8.36	549	9.45	576	10.5	603	11.7	653	14.2
11400	2500	358	3.47	398	4.53	436	5.69	470	6.79	499	7.81	526	8.82	553	9.90	580	11.0	606	12.2	656	14.7
11856	2600	366	3.74	404	4.81	442	6.01	476	7.19	505	8.28	532	9.31	558	10.3	584	11.5	610	12.7	659	15.2
12312	2700	374	4.02	411	5.11	448	6.33	482	7.58	512	8.74	538	9.84	564	10.9	589	12.0	614	13.3	662	15.8
12768	2800	383	4.32	419	5.44	454	6.67	488	7.97	518	9.22	545	10.3	570	11.5	594	12.6	619	13.8	666	16.4
13224	2900	392	4.65	426	5.77	460	7.03	494	8.37	525	9.70	552	10.9	577	12.1	600	13.2	624	14.4	670	17.1
13680	3000	400	5.01	433	6.13	467	7.39	500	8.78	530	10.1	558	11.4	583	12.7	607	13.9	629	15.1	675	17.7
14592	3200	418	5.77	450	6.93	481	8.23	512	9.63	542	11.1	571	12.5	596	13.9	620	15.3	642	16.6	684	19.2
15504	3400	437	6.62	466	7.81	496	9.13	525	10.5	555	12.1	582	13.7	609	15.2	633	16.7	655	18.1	696	20.8
16416	3600	456	7.56	484	8.79	511	10.1	540	11.6	567	13.1	594	14.8	621	16.5	645	18.1	668	19.7	709	22.6
17328	3800	475	8.59	502	9.89	528	11.2	554	12.7	581	14.3	607	16.0	632	17.8	657	19.5	680	21.3	723	24.5
18240	4000	494	9.74	520	11.0	545	12.4	570	14.0	595	15.6	620	17.3	645	19.1	669	21.0	692	22.8	736	26.4
19152	4200	514	11.0	539	12.4	562	13.8	586	15.4	610	17.0	634	18.8	657	20.6	681	22.5	704	24.5	748	28.3
20064	4400	533	12.3	557	13.8	580	15.3	603	16.8	626	18.5	648	20.3	671	22.2	694	24.1	717	26.1	759	30.2
20976	4600	553	13.8	577	15.3	598	16.9	620	18.5	642	20.2	664	22.0	686	23.9	707	25.8	729	27.9	771	32.2
21888	4800	573	15.4	595	17.0	617	18.6	638	20.2	659	22.0	680	23.8	700	25.7	722	27.8	742	29.8	784	34.1
22800	5000	593	17.1	615	18.8	636	20.4	656	22.2	676	23.9	696	25.8	716	27.7	736	29.7	756	31.9	796	36.2
23712	5200	614	19.0	635	20.7	655	22.5	674	24.2	694	26.0	713	27.9	732	29.9	751	31.9	771	34.1	809	38.4
24624	5400	634	21.1	654	22.8	674	24.5	693	26.4	712	28.3	730	30.2	749	32.1	767	34.2	785	36.3	823	40.9
25536	5600	655	23.2	674	25.0	693	26.8	712	28.7	730	30.6	748	32.6	765	34.6	784	36.7	801	38.8	838	43.5
26448	5800	675	25.6	694	27.4	713	29.3	731	31.2	749	33.2	766	35.2	783	37.2	800	39.3	818	41.6	852	46.2
27360	6000	696	28.0	714	29.9	733	31.9	750	33.8	768	35.9	784	37.9	801	40.0	817	42.1	834	44.4	867	49.0

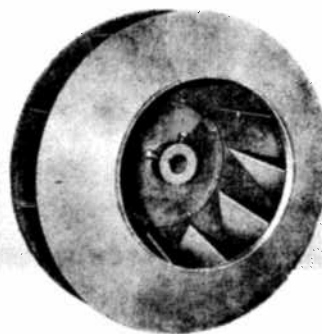
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11856	2600	706	17.9	750	20.7	793	23.5	835	26.3	874	29.2	913	32.0	950	34.9	986	37.5	1021	40.2	1054	44.5
12312	2700	709	18.5	753	21.4	795	24.3	835	27.2	875	30.1	913	33.1	950	36.0	986	39.0	1021	41.8	1054	46.2
12768	2800	712	19.2	755	22.0	797	25.1	837	28.0	876	31.1	914	34.1	951	37.2	986	40.2	1021	43.3	1054	47.8
13224	2900	715	19.8	758	22.7	799	25.8	839	28.9	877	32.0	915	35.2	951	38.3	986	41.5	1021	44.6	1054	49.3
13680	3000	719	20.5	761	23.5	802	26.5	841	29.8	879	33.0	916	36.2	952	39.4	987	42.7	1021	46.0	1054	49.3
14592	3200	727	22.0	768	25.0	808	28.2	846	31.4	883	34.8	919	38.3	954	41.7	988	45.2	1022	48.6	1055	52.1
15504	3400	736	23.7	776	26.7	815	29.9	852	33.2	889	36.7	924	40.2	958	43.9	992	47.5	1025	51.2	1057	54.9
16416	3600	748	25.5	785	28.6	823	31.9	859	35.2	895	38.7	930	42.3	964	46.0	996	49.9	1028	53.8	1060	57.6
17328	3800	760	27.6	796	30.7	832	33.9	868	37.4	902	40.9	936	44.6	969	48.4	1002	52.2	1033	56.2	1064	60.3
18240	4000	774	29.8	809	33.0	843	36.2	877	39.7	911	43.3	944	47.0	976	50.8	1008	54.8	1039	58.8	1069	63.0
19152	4200	787	32.0	822	35.4	855	38.8	887	42.2	920	45.8	952	49.6	984	53.5	1015	57.5	1045	61.6	1075	65.8
20064	4400	800	34.2	835	37.9	868	41.5	899	45.0	930	48.6	961	52.4	992	56.4	1022	60.5	1052	64.6	1081	68.8
20976	4600	811	36.4	848	40.5	882	44.3	913	48.0	942	51.7	972	55.5	1001	59.4	1031	63.6	1060	67.8	1089	72.1
21888	4800	823	38.6	860	43.0	895	47.2	926	51.2	956	55.0	984	58.9	1012	62.8	1040	66.9	1069	71.2	1097	75.6
22800	5000	835	40.9	872	45.5	907	50.1	939	54.3	969	58.5	997	62.5	1025	66.5	1052	70.6	1079	74.8	1106	79.2
23712	5200	847	43.2	884	48.1	919	52.8	952	57.5	982	61.9	1011	66.2	1038	70.3	1064	74.5	1090	78.8	1116	83.1
24624	5400	860	45.7	896	50.7	931	55.7	964	60.6	995	65.4	1024	69.9	1051	74.4	1077	78.7	1102	83.0	1128	87.4
25536	5600	872	48.2	908	53.4	943	58.6	976	63.8	1007	68.9	1037	73.7	1064	78.4	1091	83.1	1115	87.5	1140	92.0
26448	5800	887	51.1	921	56.2	955	61.5	987	67.0	1019	72.3	1049	77.6	1077	82.5	1104	87.4	1129	92.3	1153	96.8
27360	6000	901	54.1	934	59.1	967	64.6	1000	70.2	1031	75.8	1061	81.3	1090	86.8	1116	91.8	1142	96.9	1167	101
28272	6200	916	57.2	948	62.4	980	67.9	1012	73.6	1043	79.4	1073	85.1	1102	90.7	1130	96.4	1155	101	1180	106
29184	6400	930	60.4	962	65.9	993	71.2	1024	77.0	1055	83.0	1084	88.9	1113	94.8	1141	100	1168	106	1193	111
30096	6600	946	63.9	977	69.4	1007	74.9	1037	80.7	1067	86.7	1097	92.9	1125	99.0	1153	105	1180	111	1206	117
31008	6800	962	67.6	991	73.0	1022	78.8	1050	84.5	1079	90.6	1109	96.9	1137	103	1165	109	1191	115	1217	122
31920	7000	978	71.6	1007	76.9	1036	82.8	1065	88.7	1092	94.7	1121	101	1149	107	1177	114	1203	120	1229	127



INDUSTRIAL FAN

WHEEL DIA. 57 1/2"
OUTLET AREA 5.91 SQ FT
INLET DIA. 33"
INLET AREA 5.79 SQ FT

AIR WHEEL TYPE XB



SIZE 33

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9456	1600	262	2.27	301	3.11	337	4.06	372	5.09	404	6.20	434	7.32	463	8.45	491	9.57	518	10.7	567	12.8
10047	1700	267	2.47	306	3.38	341	4.33	374	5.39	406	6.52	436	7.70	464	8.89	491	10.1	518	11.3	567	13.6
10638	1800	272	2.68	312	3.68	345	4.63	377	5.71	408	6.86	438	8.08	465	9.33	492	10.6	518	11.8	567	14.4
11229	1900	278	2.89	317	3.98	350	4.97	381	6.06	411	7.22	440	8.47	467	9.78	493	11.1	519	12.4	567	15.1
11820	2000	283	3.10	323	4.29	355	5.34	385	6.43	414	7.62	443	8.88	470	10.2	495	11.6	520	12.9	568	15.7
12411	2100	289	3.34	328	4.59	361	5.74	390	6.84	418	8.04	446	9.32	472	10.6	497	12.0	522	13.5	568	16.4
13002	2200	295	3.60	333	4.90	367	6.15	395	7.30	422	8.49	449	9.80	475	11.1	500	12.5	524	14.0	570	17.1
13593	2300	301	3.88	339	5.21	372	6.56	401	7.79	427	9.00	453	10.3	478	11.6	503	13.1	526	14.6	572	17.8
14184	2400	308	4.17	344	5.54	378	6.97	407	8.30	432	9.54	457	10.8	482	12.2	506	13.7	529	15.2	574	18.4
14775	2500	314	4.49	349	5.87	383	7.37	412	8.80	438	10.1	462	11.4	486	12.8	509	14.3	532	15.8	576	19.1
15366	2600	322	4.85	355	6.23	388	7.79	418	9.32	444	10.7	467	12.0	490	13.4	513	14.9	536	16.5	579	19.8
15957	2700	329	5.21	361	6.63	393	8.21	423	9.82	450	11.3	473	12.7	495	14.1	517	15.6	539	17.2	582	20.5
16548	2800	336	5.60	368	7.05	399	8.65	428	10.3	455	11.9	479	13.4	501	14.9	522	16.4	543	17.9	585	21.3
17139	2900	344	6.03	374	7.48	404	9.11	434	10.8	461	12.5	485	14.1	506	15.6	527	17.2	548	18.7	589	22.1
17730	3000	352	6.49	381	7.94	410	9.59	439	11.3	466	13.1	490	14.8	512	16.5	533	18.0	553	19.6	592	23.0
18912	3200	367	7.48	395	8.99	423	10.6	450	12.4	476	14.4	501	16.3	524	18.1	545	19.8	564	21.5	601	24.9
20094	3400	384	8.58	410	10.1	435	11.8	461	13.7	487	15.7	511	17.7	535	19.7	556	21.6	576	23.5	611	27.0
21276	3600	400	9.80	425	11.4	449	13.1	474	15.0	498	17.0	522	19.2	545	21.4	567	23.5	587	25.5	623	29.4
22458	3800	417	11.1	441	12.8	464	14.6	487	16.5	510	18.6	533	20.8	555	23.0	577	25.3	598	27.6	635	31.8
23640	4000	434	12.6	456	14.3	478	16.1	500	18.1	523	20.3	544	22.4	566	24.8	588	27.2	608	29.6	646	34.3
24822	4200	451	14.2	473	16.0	494	17.9	515	19.9	536	22.0	557	24.3	577	26.7	598	29.2	618	31.7	657	36.7
26004	4400	469	16.0	490	17.9	510	19.8	529	21.8	549	24.0	570	26.3	590	28.7	609	31.2	629	33.9	667	39.2
27186	4600	486	17.9	507	19.9	526	21.9	545	24.0	564	26.2	583	28.5	602	31.0	621	33.5	640	36.1	677	41.7
28368	4800	504	20.0	523	22.0	542	24.1	560	26.3	579	28.5	597	30.9	615	33.3	634	36.0	652	38.6	688	44.3
29550	5000	521	22.2	540	24.3	559	26.5	576	28.8	594	31.0	611	33.4	629	35.9	646	38.6	664	41.3	699	47.0
30732	5200	539	24.7	558	26.9	576	29.1	592	31.4	609	33.7	626	36.1	643	38.7	660	41.3	677	44.2	710	49.8
31914	5400	557	27.3	575	29.6	592	31.8	609	34.2	625	36.6	641	39.1	657	41.6	674	44.3	690	47.1	723	53.0
33096	5600	575	30.1	592	32.5	609	34.8	625	37.2	641	39.7	657	42.2	672	44.8	688	47.6	704	50.3	736	56.4
34278	5800	593	33.1	610	35.5	626	37.9	642	40.5	658	43.0	673	45.6	688	48.3	703	51.0	718	53.9	748	59.9
35460	6000	611	36.3	627	38.8	643	41.4	659	43.9	674	46.5	688	49.2	703	51.9	717	54.6	732	57.5	761	63.5

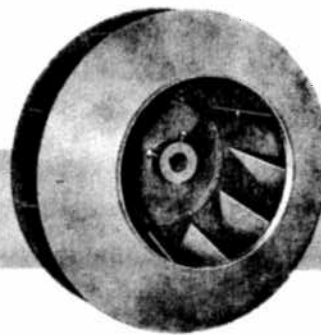
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
15366	2600	620	23.2	659	26.9	696	30.5	733	34.1	768	37.8	802	41.5	835	45.2	866	48.7	897	52.1	926	55.6
15957	2700	622	24.0	661	27.7	698	31.5	734	35.3	769	39.1	802	42.9	835	46.7	866	50.6	897	54.2	926	57.7
16548	2800	625	24.8	663	28.6	700	32.5	735	36.4	769	40.3	803	44.2	835	48.2	866	52.2	896	56.2	926	59.9
17139	2900	628	25.7	666	29.5	702	33.4	737	37.5	770	41.5	803	45.6	835	49.7	866	53.8	897	57.9	926	62.0
17730	3000	631	26.6	668	30.4	704	34.4	739	38.6	772	42.7	804	46.9	836	51.1	867	55.4	897	59.6	926	63.8
18912	3200	638	28.6	674	32.4	709	36.5	743	40.7	776	45.1	808	49.6	838	54.0	868	58.5	898	63.0	927	67.6
20094	3400	646	30.7	682	34.7	716	38.8	748	43.1	781	47.5	812	52.2	842	56.9	871	61.6	900	66.4	928	71.1
21276	3600	657	33.1	690	37.1	723	41.3	755	45.7	786	50.2	817	54.9	846	59.7	875	64.7	903	69.7	931	74.7
22458	3800	668	35.8	699	39.8	731	44.0	762	48.4	792	53.0	822	57.8	851	62.7	880	67.7	908	72.9	934	78.2
23640	4000	680	38.6	710	42.7	740	47.0	770	51.4	800	56.1	829	60.9	857	65.9	885	71.0	912	76.3	939	81.6
24822	4200	691	41.5	722	45.9	751	50.3	779	54.7	808	59.4	836	64.3	864	69.4	891	74.6	918	79.9	944	85.3
26004	4400	702	44.4	734	49.2	763	53.8	790	58.4	817	63.1	844	67.9	871	73.1	898	78.4	924	83.7	950	89.2
27186	4600	713	47.2	745	52.5	774	57.5	802	62.3	828	67.1	854	72.0	879	77.0	906	82.4	931	87.9	956	93.5
28368	4800	723	50.1	756	55.7	786	61.1	813	66.4	839	71.3	864	76.3	889	81.4	914	86.7	939	92.2	964	97.9
29550	5000	733	53.0	766	59.0	797	64.9	825	70.4	851	75.9	876	81.0	900	86.2	924	91.5	947	96.9	971	102
30732	5200	744	56.0	776	62.3	807	68.5	836	74.6	863	80.2	888	85.9	911	91.2	934	96.6	957	102	980	107
31914	5400	755	59.2	787	65.7	817	72.2	847	78.6	874	84.8	899	90.7	923	96.5	946	102	968	107	990	113
33096	5600	766	62.5	798	69.2	828	76.0	857	82.6	885	89.3	910	95.6	935	101	958	107	980	113	1001	119
34278	5800	779	66.2	809	72.9	839	79.8	867	86.8	895	93.7	921	100	946	107	969	113	992	119	1013	125
35460	6000	791	70.1	820	76.7	849	83.8	878	91.0	905	98.3	932	105	957	112	981	119	1003	125	1025	132
36642	6200	804	74.1	832	80.9	860	88.0	889	95.4	916	102	942	110	967	117	992	125	1014	131	1036	138
37824	6400	817	78.3	845	85.4	872	92.3	899	99.9	926	107	952	115	978	123	1002	130	1026	138	1047	145
39006	6600	831	82.8	858	89.9	884	97.1	910	104	937	112	963	120	988	128	1013	136	1036	144	1059	151
40188	6800	845	87.7	871	94.7	897	102	922	109	948	117	974	125	999	133	1023	142	1046	150	1069	158
41370	7000	859	92.8	884	99.7	910	107	935	115	959	122	985	131	1010	139	1033	147	1057	156	1080	164



INDUSTRIAL FAN

WHEEL DIA. 64 3/4"
OUTLET AREA 7.41 SQ FT
INLET DIA. 37"
INLET AREA 7.21 SQ FT

AIR WHEEL
TYPE XB



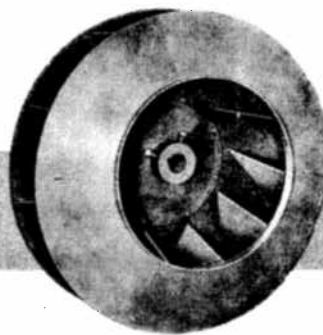
SIZE 37

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11856	1600	234	2.84	268	3.90	301	5.09	332	6.39	361	7.77	388	9.18	414	10.5	439	12.0	462	13.4		
12597	1700	239	3.10	273	4.24	304	5.44	334	6.76	363	8.18	389	9.66	414	11.1	439	12.6	462	14.1	506	17.1
13338	1800	243	3.35	278	4.60	308	5.81	337	7.16	365	8.60	391	10.1	416	11.7	440	13.2	463	14.8	506	18.0
14079	1900	248	3.62	283	4.99	312	6.24	340	7.60	367	9.06	393	10.6	417	12.2	441	13.9	463	15.5	507	18.9
14820	2000	253	3.89	289	5.37	317	6.70	344	8.06	370	9.55	395	11.1	419	12.8	442	14.5	465	16.2	507	19.8
15561	2100	258	4.19	293	5.75	322	7.20	348	8.58	373	10.0	398	11.6	422	13.3	444	15.1	466	16.9	508	20.6
16302	2200	263	4.51	298	6.14	328	7.71	353	9.15	377	10.6	401	12.2	424	13.9	447	15.7	468	17.6	509	21.4
17043	2300	269	4.87	303	6.54	333	8.23	358	9.76	381	11.2	404	12.9	427	14.6	449	16.4	470	18.3	511	22.3
17784	2400	275	5.23	307	6.94	337	8.74	363	10.4	386	11.9	408	13.5	430	15.3	452	17.1	473	19.0	513	23.1
18525	2500	281	5.63	312	7.37	342	9.25	368	11.0	391	12.6	413	14.3	434	16.0	455	17.9	475	19.8	515	23.9
19266	2600	287	6.07	317	7.81	347	9.77	373	11.7	396	13.4	417	15.1	438	16.8	458	18.7	478	20.7	517	24.8
20007	2700	294	6.53	323	8.31	351	10.3	378	12.3	402	14.2	422	15.9	442	17.7	462	19.6	482	21.6	520	25.7
20748	2800	300	7.02	329	8.84	356	10.8	383	12.9	407	14.9	428	16.8	447	18.7	466	20.5	485	22.5	523	26.7
21489	2900	307	7.57	334	9.39	361	11.4	387	13.6	412	15.7	433	17.7	452	19.6	471	21.5	489	23.5	526	27.7
22230	3000	314	8.13	340	9.96	366	12.0	392	14.2	416	16.5	438	18.6	458	20.7	476	22.6	494	24.6	529	28.8
23712	3200	328	9.37	353	11.2	377	13.3	402	15.6	425	18.0	448	20.4	468	22.7	486	24.9	503	26.9	537	31.2
25194	3400	343	10.7	366	12.6	389	14.8	412	17.1	435	19.6	457	22.2	478	24.7	496	27.1	514	29.5	546	33.9
26676	3600	358	12.2	380	14.3	401	16.4	423	18.9	445	21.4	466	24.1	487	26.8	506	29.5	524	32.0	557	36.8
28158	3800	373	13.9	393	16.0	414	18.3	435	20.7	455	23.3	476	26.0	496	28.9	515	31.8	534	34.6	567	39.9
29640	4000	388	15.8	408	18.0	427	20.3	447	22.7	467	25.4	486	28.1	506	31.1	525	34.1	543	37.1	577	43.0
31122	4200	403	17.8	423	20.1	441	22.5	460	25.0	478	27.6	497	30.5	516	33.4	534	36.6	552	39.8	587	46.0
32604	4400	418	20.1	437	22.4	455	24.9	473	27.4	491	30.1	509	33.0	527	36.1	544	39.2	562	42.5	596	49.1
34086	4600	434	22.5	452	24.9	469	27.4	487	30.1	504	32.9	521	35.7	538	38.9	555	42.0	572	45.3	605	52.3
35568	4800	450	25.1	467	27.6	484	30.3	501	32.9	517	35.7	533	38.7	549	41.8	566	45.1	582	48.4	615	55.5
37050	5000	465	27.9	482	30.5	499	33.3	515	36.1	530	38.9	546	41.9	562	45.0	577	48.4	593	51.8	624	58.9
38532	5200	481	31.0	498	33.7	514	36.5	529	39.3	544	42.3	559	45.3	574	48.6	589	51.8	605	55.4	634	62.5
40014	5400	497	34.3	513	37.1	529	39.9	544	42.9	558	45.9	573	49.1	587	52.2	602	55.6	616	59.1	646	66.5
41496	5600	514	37.8	529	40.7	544	43.6	559	46.7	573	49.8	587	53.0	600	56.2	615	59.7	629	63.1	657	70.7
42978	5800	530	41.6	545	44.5	559	47.6	574	50.8	587	53.9	601	57.2	614	60.5	628	63.9	641	67.6	668	75.1
44460	6000	546	45.6	560	48.6	575	51.9	588	55.0	602	58.3	615	61.7	628	65.1	641	68.5	654	72.1	680	79.7

CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
19266	2600	554	29.2	589	33.7	622	38.2	655	42.8	686	47.5	716	52.0	745	56.7	774	61.0	801	65.3	827	69.7
20007	2700	556	30.1	590	34.8	624	39.5	655	44.2	687	49.0	716	53.8	746	58.5	774	63.4	801	67.9	827	72.4
20748	2800	558	31.2	592	35.8	625	40.8	657	45.6	687	50.5	717	55.5	746	60.5	774	65.4	801	70.4	827	75.2
21489	2900	561	32.2	595	37.0	627	41.9	658	47.0	688	52.1	717	57.2	746	62.3	774	67.5	801	72.6	827	77.8
22230	3000	564	33.4	597	38.1	629	43.2	660	48.4	690	53.6	718	58.9	747	64.1	774	69.5	801	74.8	827	80.1
23712	3200	570	35.8	602	40.7	634	45.8	664	51.1	693	56.6	721	62.2	749	67.7	775	73.4	802	79.0	828	84.7
25194	3400	577	38.5	609	43.5	639	48.6	669	54.0	697	59.6	725	65.4	752	71.4	778	77.3	804	83.2	829	89.2
26676	3600	586	41.5	616	46.5	646	51.8	674	57.3	702	62.9	729	68.8	756	74.9	782	81.1	807	87.4	831	93.6
28158	3800	596	44.9	625	49.9	653	55.1	681	60.8	708	66.5	734	72.5	760	78.6	786	84.9	811	91.4	835	98.1
29640	4000	607	48.5	634	53.6	661	58.9	688	64.5	714	70.4	740	76.4	765	82.6	790	89.0	815	95.6	839	102
31122	4200	617	52.0	645	57.6	671	63.1	696	68.6	721	74.5	747	80.7	772	87.0	796	93.5	820	100	843	107
32604	4400	627	55.6	655	61.7	681	67.5	706	73.2	730	79.1	754	85.2	778	91.6	802	98.3	825	105	848	111
34086	4600	636	59.1	665	65.8	692	72.1	716	78.1	739	84.1	763	90.2	786	96.6	809	103	832	110	854	117
35568	4800	646	62.8	675	69.9	702	76.7	727	83.2	750	89.4	772	95.7	794	102	816	108	839	115	861	122
37050	5000	655	66.5	684	74.0	712	81.4	737	88.3	760	95.1	782	101	804	108	825	114	846	121	868	128
38532	5200	665	70.3	693	78.1	721	85.9	747	93.5	770	100	793	107	814	114	835	121	855	128	876	135
40014	5400	674	74.2	703	82.4	730	90.6	756	98.5	781	106	803	113	825	121	845	128	865	135	885	142
41496	5600	684	78.4	713	86.8	739	95.2	765	103	790	112	813	119	835	127	856	135	875	142	894	149
42978	5800	695	83.0	722	91.4	749	100	775	108	799	117	823	126	845	134	866	142	886	150	905	157
44460	6000	707	87.9	732	96.1	759	105	784	114	809	123	832	132	855	141	876	149	896	157	915	165
45912	6200	718	93.0	743	101	768	110	794	119	818	129	841	138	864	147	886	156	906	165	925	173
47424	6400	730	98.2	755	107	779	115	803	125	828	134	851	144	873	154	895	163	916	173	936	181
48906	6600	742	103	766	112	790	121	813	131	837	141	860	151	883	161	904	170	925	180	946	190
50388	6800	755	110	778	118	801	128	824	137	847	147	870	157	892	167	914	178	935	188	955	198
51870	7000	768	116	790	125	813	134	835	144	857	153	879	164	902	174	923	185	944	196	964	206



INDUSTRIAL FAN



WHEEL DIA. 71 1/4"
OUTLET AREA 9.12 SQ FT
INLET DIA. 41"
INLET AREA 8.84 SQ FT

AIR WHEEL
TYPE XB

SIZE 41

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
14592	1600	211	3.48	243	4.80	272	6.26	300	7.86	326	9.57	350	11.3	374	13.0	396	14.7	418	16.5	458	19.8
15504	1700	216	3.81	247	5.22	275	6.69	302	8.32	328	10.0	352	11.8	374	13.7	397	15.5	418	17.4	458	21.0
16416	1800	220	4.13	251	5.67	278	7.15	305	8.81	330	10.5	353	12.4	376	14.4	397	16.3	418	18.3	458	22.2
17328	1900	224	4.45	256	6.14	282	7.68	307	9.35	332	11.1	355	13.0	377	15.1	398	17.1	419	19.1	458	23.3
18240	2000	228	4.79	261	6.62	287	8.25	311	9.92	334	11.7	357	13.7	379	15.7	400	17.9	420	20.0	458	24.3
19152	2100	233	5.15	265	7.08	291	8.87	314	10.5	337	12.4	360	14.3	381	16.4	401	18.6	421	20.9	459	25.4
20064	2200	238	5.55	269	7.56	296	9.49	319	11.2	341	13.1	362	15.1	383	17.2	403	19.4	423	21.7	460	26.4
20976	2300	243	5.99	273	8.04	301	10.1	323	12.0	344	13.8	365	15.9	386	18.0	406	20.2	425	22.5	461	27.4
21888	2400	248	6.44	278	8.54	305	10.7	328	12.8	349	14.7	369	16.7	389	18.9	408	21.1	427	23.4	463	28.4
22800	2500	254	6.93	282	9.07	309	11.3	333	13.5	353	15.6	373	17.6	392	19.8	411	22.1	429	24.4	465	29.4
23712	2600	260	7.48	287	9.62	313	12.0	337	14.3	358	16.5	377	18.6	396	20.7	414	23.1	432	25.5	467	30.5
24624	2700	265	8.04	292	10.2	318	12.6	342	15.1	363	17.4	382	19.6	400	21.8	417	24.1	435	26.6	469	31.7
25536	2800	271	8.65	297	10.8	322	13.3	346	15.9	367	18.4	387	20.7	404	23.0	421	25.3	438	27.7	472	32.9
26448	2900	278	9.32	302	11.5	326	14.0	350	16.7	372	19.4	391	21.8	409	24.2	425	26.5	442	28.9	475	34.2
27360	3000	284	10.0	307	12.2	331	14.8	354	17.5	376	20.3	396	22.9	414	25.4	430	27.8	446	30.3	478	35.6
29184	3200	297	11.5	319	13.8	341	16.4	363	19.2	384	22.2	404	25.1	423	27.9	439	30.6	455	33.2	485	38.4
31008	3400	310	13.2	330	15.6	351	18.2	372	21.1	393	24.2	413	27.4	431	30.5	449	33.4	464	36.3	493	41.7
32832	3600	323	15.1	343	17.6	362	20.2	382	23.2	402	26.3	421	29.6	440	33.0	457	36.3	474	39.4	503	45.3
34656	3800	337	17.1	355	19.7	374	22.5	393	25.5	412	28.7	430	32.0	448	35.6	466	39.1	482	42.6	512	49.1
36480	4000	350	19.4	368	22.1	386	24.9	404	28.0	422	31.3	439	34.6	457	38.3	474	42.0	491	45.7	521	52.9
38304	4200	364	22.0	382	24.8	399	27.7	415	30.8	432	34.0	449	37.6	466	41.2	483	45.0	499	49.0	530	56.7
40128	4400	378	24.7	395	27.6	411	30.6	427	33.7	443	37.1	460	40.7	476	44.4	492	48.2	508	52.3	538	60.5
41952	4600	392	27.7	409	30.7	424	33.8	440	37.0	455	40.4	470	44.0	486	47.9	501	51.7	517	55.8	547	64.3
43776	4800	406	30.9	422	34.0	438	37.3	452	40.5	467	44.0	482	47.6	496	51.5	512	55.6	526	59.6	555	68.3
45600	5000	421	34.3	436	37.6	451	40.9	465	44.4	479	47.9	493	51.6	507	55.4	522	59.5	536	63.8	564	72.5
47424	5200	435	38.1	450	41.5	464	45.0	478	48.4	492	52.1	505	55.8	519	59.8	532	63.8	546	68.2	573	76.9
49248	5400	449	42.2	464	45.7	478	49.1	491	52.8	504	56.5	518	60.4	531	64.3	544	68.4	557	72.7	583	81.9
51072	5600	464	46.5	478	50.1	491	53.7	505	57.5	517	61.3	530	65.2	542	69.1	555	73.5	568	77.7	594	87.1
52896	5800	479	51.2	492	54.8	505	58.6	518	62.5	531	66.4	543	70.4	555	74.5	567	78.7	579	83.2	604	92.4
54720	6000	493	56.1	506	59.8	519	63.9	532	67.7	544	71.8	556	75.9	568	80.1	579	84.3	591	88.8	614	98.1

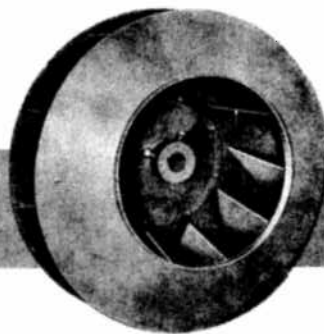
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
23712	2600	500	35.9	532	41.5	562	47.1	592	52.7	620	58.4	647	64.0	674	69.8	699	75.1	724	80.4	747	89.1
24624	2700	502	37.1	533	42.8	563	48.6	592	54.4	620	60.3	647	66.2	674	72.1	699	78.0	724	83.6	747	89.1
25536	2800	504	38.4	535	44.1	565	50.2	593	56.1	621	62.2	648	68.3	674	74.4	699	80.5	723	86.7	747	92.5
26448	2900	507	39.7	537	45.5	567	51.6	595	57.9	622	64.1	648	70.4	674	76.7	699	83.0	724	89.3	747	95.7
27360	3000	509	41.1	539	47.0	568	53.1	596	59.6	623	66.0	649	72.5	675	78.9	700	85.5	724	92.0	747	98.6
29184	3200	515	44.1	544	50.1	572	56.4	600	62.9	626	69.7	652	76.6	676	83.4	701	90.4	725	97.2	748	104
31008	3400	522	47.4	550	53.5	577	59.9	604	66.5	630	73.4	655	80.5	679	87.9	703	95.1	726	102	749	109
32832	3600	530	51.1	556	57.2	583	63.7	609	70.5	634	77.5	659	84.7	683	92.1	706	99.8	729	107	751	115
34656	3800	539	55.2	564	61.4	590	67.9	615	74.8	640	81.9	663	89.2	687	96.7	710	104	732	112	754	120
36480	4000	549	59.7	573	66.0	597	72.5	621	79.4	645	86.6	669	94.1	692	101	714	109	736	117	758	126
38304	4200	558	64.0	583	70.9	606	77.6	629	84.5	652	91.7	675	99.3	697	107	719	115	741	123	762	131
40128	4400	567	68.5	592	75.9	615	83.1	638	90.1	659	97.3	681	104	703	112	725	121	746	129	766	137
41952	4600	575	72.8	601	81.0	625	88.7	647	96.1	668	103	689	111	710	118	731	127	751	135	772	144
43776	4800	583	77.3	610	86.0	634	94.4	656	102	677	110	697	117	718	125	737	133	758	142	778	151
45600	5000	592	81.8	618	91.0	643	100	666	108	687	117	707	125	726	133	745	141	765	149	784	158
47424	5200	601	86.5	627	96.2	651	105	675	115	696	123	716	132	735	140	754	149	773	157	791	166
49248	5400	609	91.4	635	101	660	111	683	121	705	130	726	140	745	149	763	157	781	166	799	175
51072	5600	618	96.5	644	106	668	117	692	127	714	137	735	147	754	157	773	166	791	175	808	184
52896	5800	628	102	653	112	677	123	700	134	722	144	744	155	763	165	782	174	800	184	817	193
54720	6000	639	108	662	118	685	129	708	140	731	151	752	162	772	173	791	183	809	193	827	203
56544	6200	649	114	672	124	694	135	717	147	739	158	760	170	781	181	801	192	819	203	836	213
58368	6400	659	120	682	131	703	142	726	154	748	166	769	178	789	189	809	201	828	213	845	223
60192	6600	670	127	692	138	714	150	735	161	756	173	777	185	797	198	817	210	836	222	855	234
62016	6800	682	135	703	146	724	157	744	169	765	181	786	193	806	206	826	219	844	231	863	244
63840	7000	694	143	714	153	734	165	755	177	774	189	795	202	815	215	834	228	853	241	871	254



INDUSTRIAL FAN

WHEEL DIA. 78 1/4"
OUTLET AREA 10.96 SQ FT
INLET DIA. 45"
INLET AREA 10.68 SQ FT

AIR WHEEL
TYPE XB



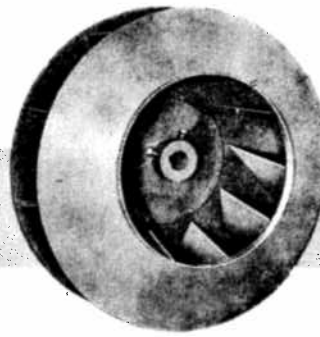
SIZE 45

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
17536	1600	192	4.20	221	5.77	248	7.53	273	9.45	297	11.5	319	13.5	340	15.6	361	17.7	380	19.8	417	23.8
18632	1700	196	4.58	225	6.27	250	8.04	275	9.99	298	12.1	320	14.2	341	16.5	361	18.7	380	20.9	417	25.3
19728	1800	200	4.96	229	6.81	253	8.60	277	10.5	300	12.7	322	15.0	342	17.3	362	19.6	381	22.0	417	26.7
20824	1900	204	5.35	233	7.38	257	9.23	280	11.2	302	13.4	323	15.7	343	18.1	363	20.5	381	23.0	417	28.0
21920	2000	208	5.75	237	7.95	261	9.92	283	11.9	305	14.1	325	16.4	345	18.9	364	21.5	382	24.0	417	29.2
23016	2100	212	6.19	241	8.51	265	10.6	286	12.7	307	14.9	327	17.2	347	19.7	366	22.4	383	25.1	418	30.5
24112	2200	217	6.67	245	9.09	270	11.4	290	13.5	310	15.7	330	18.1	349	20.7	367	23.3	385	26.1	419	31.7
25208	2300	221	7.19	249	9.67	274	12.1	294	14.4	314	16.6	333	19.1	351	21.6	369	24.3	387	27.1	420	33.0
26304	2400	226	7.73	253	10.2	278	12.9	299	15.4	318	17.7	336	20.1	354	22.7	372	25.4	389	28.2	422	34.1
27400	2500	231	8.33	257	10.9	281	13.6	303	16.3	322	18.7	339	21.2	357	23.8	374	26.5	391	29.4	423	35.4
28496	2600	236	8.98	261	11.5	285	14.4	307	17.3	326	19.9	343	22.4	360	24.9	377	27.7	394	30.6	425	36.7
29592	2700	242	9.66	266	12.3	289	15.2	311	18.2	330	21.0	348	23.6	364	26.2	380	29.0	396	31.9	427	38.1
30688	2800	247	10.3	270	13.0	293	16.0	315	19.1	334	22.1	352	24.9	368	27.6	384	30.4	399	33.3	430	39.5
31784	2900	253	11.2	275	13.8	297	16.9	319	20.1	339	23.3	356	26.2	372	29.1	387	31.9	402	34.8	433	41.1
32880	3000	258	12.0	280	14.7	301	17.7	323	21.1	342	24.4	360	27.6	377	30.6	391	33.4	406	36.4	435	42.7
35072	3200	270	13.8	290	16.6	311	19.8	330	23.1	350	26.7	368	30.2	385	33.6	400	36.8	414	39.9	442	46.1
37264	3400	282	15.9	301	18.7	320	21.9	339	25.4	358	29.1	376	32.9	393	36.6	408	40.2	423	43.6	449	50.1
39456	3600	294	18.1	312	21.1	330	24.3	348	27.9	366	31.6	384	35.6	400	39.7	416	43.6	431	47.4	458	54.5
41648	3800	306	20.6	324	23.7	341	27.0	358	30.6	375	34.5	392	38.5	408	42.8	424	47.0	439	51.2	466	59.0
43840	4000	319	23.4	335	26.6	351	30.0	368	33.6	384	37.6	400	41.6	416	46.0	432	50.5	447	55.0	475	63.6
46032	4200	332	26.4	348	29.8	363	33.2	378	37.0	394	40.9	409	45.2	424	49.5	440	54.1	454	58.8	483	68.1
48224	4400	344	29.7	360	33.2	374	36.8	389	40.5	404	44.6	419	48.9	433	53.3	448	58.0	462	62.8	490	72.7
50416	4600	357	33.3	372	36.9	386	40.6	400	44.5	414	48.6	428	52.8	443	57.5	456	62.2	470	67.1	498	77.3
52608	4800	370	37.1	384	40.8	398	44.8	412	48.7	425	52.9	439	57.3	452	61.9	466	66.8	479	71.6	506	82.1
54800	5000	383	41.3	397	45.2	410	49.2	423	53.4	436	57.6	449	62.0	462	66.6	475	71.6	488	76.7	514	87.2
56992	5200	396	45.8	410	49.9	423	54.0	435	58.2	448	62.6	460	67.0	473	71.9	485	76.6	498	81.9	522	92.5
59184	5400	409	50.7	422	54.9	435	59.0	448	63.5	459	68.0	471	72.6	483	77.2	495	82.3	507	87.4	531	98.4
61376	5600	422	55.9	435	60.3	447	64.5	459	69.1	471	73.7	483	78.4	494	83.1	506	88.3	517	93.4	541	104
63568	5800	436	61.5	448	65.9	460	70.4	472	75.1	483	79.8	494	84.6	505	89.5	516	94.5	528	100	550	111
65760	6000	449	67.4	461	71.9	473	76.7	484	81.4	495	86.3	506	91.2	517	96.3	527	101	538	106	560	117

CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
28496	2600	456	43.1	484	49.8	512	56.6	539	63.3	564	70.2	589	77.0	613	83.9	636	90.3	659	96.7		
29592	2700	457	44.6	486	51.5	513	58.4	539	65.4	565	72.5	589	79.6	613	86.6	636	93.8	659	100		
30688	2800	459	46.1	487	53.0	514	60.3	540	67.5	565	74.8	590	82.1	613	89.5	637	96.8	659	104	680	111
31784	2900	461	47.7	489	54.7	516	62.1	541	69.5	566	77.0	590	84.6	614	92.2	637	99.8	659	107	680	115
32880	3000	464	49.4	491	56.4	518	63.9	543	71.6	567	79.3	591	87.1	614	94.9	637	102	659	110	680	118
35072	3200	469	53.0	496	60.2	521	67.7	546	75.6	570	83.7	593	92.0	616	100	638	108	660	116	681	125
37264	3400	475	56.9	501	64.3	526	72.0	550	79.9	574	88.2	596	96.8	619	105	640	114	661	123	682	132
39456	3600	482	61.5	507	68.8	531	76.6	555	84.7	578	93.1	600	101	622	110	643	120	664	129	684	138
41648	3800	491	66.4	514	73.8	537	81.6	560	89.9	582	98.4	604	107	626	116	646	125	667	135	687	145
43840	4000	499	71.7	522	79.3	544	87.2	566	95.4	588	104	609	113	630	122	650	131	670	141	690	151
46032	4200	508	76.9	531	85.2	552	93.3	573	101	594	110	614	119	635	128	655	138	674	148	694	158
48224	4400	516	82.3	539	91.2	560	99.8	581	108	600	117	620	126	640	135	660	145	679	155	698	165
50416	4600	524	87.5	547	97.3	569	106	589	115	608	124	627	133	646	142	665	152	684	163	703	173
52608	4800	531	92.9	555	103	577	113	598	123	617	132	635	141	653	151	671	160	690	171	708	181
54800	5000	539	98.3	563	109	586	120	606	130	626	140	644	150	661	159	679	169	696	179	714	190
56992	5200	547	104	570	115	593	127	614	138	634	148	652	159	670	169	687	179	704	189	720	199
59184	5400	555	109	578	121	601	134	622	145	642	157	661	168	678	179	695	189	711	199	728	210
61376	5600	563	116	586	128	608	140	630	153	650	165	669	177	687	188	704	199	720	210	736	221
63568	5800	572	122	594	135	616	148	637	161	658	173	677	186	695	198	712	210	729	221	744	232
65760	6000	582	130	602	142	624	155	645	168	665	182	685	195	703	208	721	220	737	232	753	245
67952	6200	591	137	612	150	632	163	653	176	673	190	692	204	711	218	729	231	745	244	761	256
70144	6400	600	145	621	158	641	171	661	185	681	199	700	213	718	228	736	242	754	256	770	268
72336	6600	610	153	630	166	650	180	669	194	689	208	708	223	726	238	744	252	761	267	778	281
74528	6800	621	162	640	175	659	189	678	203	697	217	716	233	734	248	752	263	769	278	786	293
76720	7000	631	172	650	185	669	199	687	213	705	227	724	243	742	258	759	274	777	290	793	305



INDUSTRIAL FAN



WHEEL DIA. 85 1/4"
OUTLET AREA 13.01 SQ FT
INLET DIA. 49"
INLET AREA 12.70 SQ FT

AIR WHEEL
TYPE XB

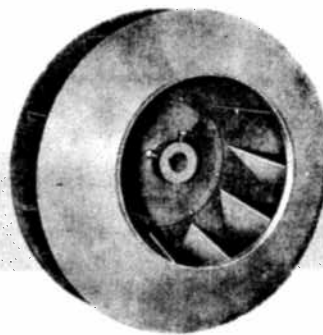
SIZE 49

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
20816	1600	177	4.98	203	6.85	227	8.94	251	11.2	272	13.6	293	16.1	312	18.6	331	21.0	349	23.6		
22117	1700	180	5.43	206	7.44	230	9.55	252	11.8	274	14.3	294	16.9	313	19.5	331	22.2	349	24.8	382	30.0
23418	1800	184	5.89	210	8.09	233	10.2	255	12.5	275	15.1	295	17.8	314	20.5	332	23.3	349	26.1	382	31.7
24719	1900	187	6.35	214	8.76	236	10.9	257	13.3	277	15.9	297	18.6	315	21.5	333	24.4	350	27.3	383	33.2
25020	2000	191	6.83	218	9.44	240	11.7	260	14.1	280	16.7	298	19.5	317	22.4	334	25.5	351	28.5	383	34.7
27321	2100	195	7.34	221	10.1	244	12.6	263	15.0	282	17.7	300	20.5	318	23.4	336	26.5	352	29.8	383	36.2
28622	2200	199	7.92	225	10.7	247	13.5	266	16.0	285	18.7	303	21.5	320	24.5	337	27.7	353	30.9	384	37.7
29923	2300	203	8.54	228	11.4	251	14.4	270	17.1	288	19.8	305	22.6	323	25.7	339	28.9	355	32.2	386	39.2
31224	2400	207	9.18	232	12.1	255	15.3	274	18.2	291	21.0	308	23.8	325	26.9	341	30.1	357	33.5	387	40.5
32525	2500	212	9.88	236	12.9	258	16.2	278	19.3	295	22.2	312	25.1	328	28.2	344	31.5	359	34.9	389	42.0
33826	2600	217	10.6	240	13.7	262	17.1	282	20.5	299	23.6	315	26.5	331	29.6	346	32.9	361	36.3	390	43.5
35127	2700	222	11.4	244	14.6	265	18.0	285	21.6	303	24.9	319	28.0	334	31.2	349	34.4	364	37.9	392	45.2
36428	2800	227	12.3	248	15.5	269	19.0	289	22.7	307	26.3	323	29.6	338	32.8	352	36.1	366	39.5	395	46.9
37729	2900	232	13.2	252	16.4	273	20.0	292	23.9	311	27.6	327	31.1	342	34.5	356	37.8	369	41.3	397	48.8
39030	3000	237	14.2	257	17.4	276	21.1	296	25.0	314	29.0	331	32.7	346	36.3	359	39.7	373	43.2	400	50.6
41632	3200	248	16.4	266	19.8	285	23.5	303	27.4	321	31.7	338	35.9	353	39.9	367	43.7	380	47.3	405	54.8
44234	3400	259	18.8	276	22.2	294	26.0	311	30.1	328	34.5	345	39.0	361	43.5	375	47.7	388	51.8	412	59.5
46836	3600	270	21.5	287	25.1	303	28.9	320	33.1	336	37.6	352	42.3	368	47.1	382	51.8	396	56.2	420	64.7
49438	3800	281	24.5	297	28.2	313	32.1	328	36.4	344	40.9	359	45.7	375	50.8	389	55.8	403	60.7	428	70.0
52040	4000	293	27.8	308	31.6	323	35.6	338	39.9	353	44.7	367	49.4	382	54.6	396	60.0	410	65.2	436	75.5
54642	4200	304	31.4	319	35.3	333	39.5	347	43.9	361	48.6	376	53.7	389	58.7	404	64.2	417	69.9	443	80.8
57244	4400	316	35.3	330	39.4	344	43.7	357	48.1	371	52.9	384	58.0	398	63.3	411	68.8	424	74.6	450	86.3
59846	4600	328	39.5	342	43.8	354	48.2	367	52.8	380	57.7	393	62.7	406	68.3	419	73.8	432	79.6	457	91.8
62448	4800	340	44.1	353	48.5	366	53.2	378	57.9	390	62.8	403	68.0	415	73.4	428	79.3	439	85.0	464	97.5
65050	5000	351	49.0	364	53.6	377	58.4	389	63.3	401	68.4	412	73.6	424	79.1	436	85.0	448	91.0	471	103
67652	5200	364	54.4	376	59.3	388	64.2	399	69.1	411	74.3	422	79.6	434	85.3	445	91.0	457	97.3	479	109
70254	5400	376	60.2	388	65.2	399	70.1	411	75.4	422	80.7	433	86.2	443	91.7	454	97.6	465	103	488	116
72856	5600	388	66.4	399	71.5	411	76.6	422	82.0	432	87.4	443	93.1	453	98.7	464	104	475	110	496	124
75458	5800	400	73.0	411	78.2	422	83.6	433	89.2	443	94.8	454	100	464	106	474	112	484	118	505	131
78060	6000	412	80.1	423	85.4	434	91.1	444	96.6	455	102	464	108	474	114	484	120	494	126	514	140

CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
33826	2600	418	51.2	445	59.2	470	67.2	494	75.2	518	83.4	541	91.4	563	99.6	584	107	605	114		
35127	2700	420	52.9	446	61.1	471	69.3	495	77.7	518	86.0	541	94.5	563	102	584	111	605	119		
36428	2800	422	54.7	447	63.0	472	71.6	496	80.1	519	88.7	541	97.4	563	106	584	114	605	123		
37729	2900	423	56.6	449	64.9	473	73.7	497	82.5	520	91.4	542	100	563	109	584	118	605	127	624	136
39030	3000	426	58.6	451	67.0	475	75.8	498	85.0	521	94.1	542	103	564	112	585	122	605	131	625	140
41632	3200	431	62.9	455	71.5	478	80.4	501	89.7	523	99.4	545	109	565	119	586	129	606	138	625	148
44234	3400	436	67.6	460	76.4	483	85.4	505	94.9	527	104	548	114	568	125	588	135	607	146	626	156
46836	3600	443	73.0	465	81.6	487	91.0	509	100	530	110	551	120	571	131	590	142	609	153	628	164
49438	3800	450	78.8	472	87.6	493	96.8	514	106	535	116	554	127	574	138	593	149	612	160	630	172
52040	4000	458	85.1	479	94.2	499	103	519	113	539	123	559	134	578	145	597	156	615	168	633	179
54642	4200	466	91.3	487	101	506	110	526	120	545	130	564	141	583	152	601	164	619	175	637	187
57244	4400	474	97.7	495	108	514	118	533	128	551	138	569	149	588	161	606	172	623	184	640	196
59846	4600	481	103	502	115	522	126	541	137	558	147	576	158	593	169	611	181	628	193	645	205
62448	4800	488	110	510	122	530	134	549	146	566	157	583	168	600	179	616	190	633	203	650	215
65050	5000	495	116	517	129	537	143	556	155	574	167	591	178	607	189	623	201	639	213	655	226
67652	5200	502	123	524	137	544	150	564	164	582	176	599	189	615	200	630	212	646	224	661	237
70254	5400	509	130	531	144	551	159	571	173	589	186	606	199	623	212	638	224	653	237	668	249
72856	5600	517	137	538	152	558	167	578	182	597	196	614	210	630	223	646	237	661	249	675	262
75458	5800	525	145	545	160	566	175	585	191	604	206	622	221	638	235	654	249	669	263	683	276
78060	6000	534	154	553	168	573	184	592	200	611	216	628	232	646	247	661	262	677	276	691	290
80662	6200	542	163	561	178	580	193	599	210	618	226	635	242	653	259	669	275	684	290	699	304
83264	6400	551	172	570	188	588	203	607	219	625	236	642	253	659	270	676	287	692	304	707	319
85866	6600	560	182	579	198	596	213	614	230	632	247	650	265	667	282	683	299	699	317	714	334
88468	6800	570	193	587	208	605	225	622	241	639	258	657	276	674	294	690	312	706	330	721	348
91070	7000	580	204	596	219	614	236	631	253	647	270	664	288	681	306	697	325	713	344	728	362



INDUSTRIAL FAN



WHEEL DIA. 93 3/4"
OUTLET AREA 15.7 SQ FT
INLET DIA. 54"
INLET AREA 15.4 SQ FT

AIR WHEEL
TYPE XB

SIZE 54

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
25120	1600	161	6.02	184	8.27	207	10.7	228	13.5	248	16.4	266	19.4	284	22.4	301	25.4	317	28.4	348	34.1
26690	1700	164	6.56	188	8.98	209	11.5	230	14.3	249	17.3	267	20.4	285	23.6	301	26.8	318	30.0	348	36.2
28260	1800	167	7.11	191	9.76	211	12.3	231	15.1	250	18.2	268	21.4	285	24.8	302	28.1	318	31.5	348	38.3
29830	1900	170	7.66	195	10.5	214	13.2	234	16.1	252	19.2	270	22.5	287	25.9	303	29.4	318	33.0	348	40.1
31400	2000	174	8.24	198	11.4	218	14.2	236	17.0	254	20.2	271	23.6	288	27.1	304	30.8	319	34.4	348	41.9
32970	2100	177	8.86	201	12.2	221	15.2	239	18.1	256	21.3	273	24.7	290	28.3	305	32.0	320	35.9	349	43.7
34540	2200	181	9.56	205	13.0	225	16.3	242	19.4	259	22.5	275	26.0	291	29.6	307	33.4	321	37.3	350	45.4
36110	2300	185	10.3	208	13.8	228	17.4	246	20.6	262	23.9	278	27.3	293	31.0	308	34.8	323	38.8	351	47.3
37680	2400	189	11.0	211	14.7	232	18.5	249	22.0	265	25.3	280	28.8	295	32.5	310	36.4	325	40.4	352	48.9
39250	2500	193	11.9	214	15.6	235	19.6	253	23.4	269	26.9	283	30.3	298	34.1	312	38.0	326	42.1	353	50.7
40820	2600	197	12.8	218	16.5	238	20.7	256	24.7	272	28.5	287	32.0	301	35.7	315	39.7	329	43.9	355	52.6
42390	2700	202	13.8	222	17.6	241	21.8	260	26.1	276	30.1	290	33.8	304	37.6	317	41.5	331	45.7	357	54.5
43960	2800	206	14.8	226	18.7	245	22.9	263	27.4	279	31.7	294	35.7	307	39.6	320	43.5	333	47.7	359	56.6
45530	2900	211	16.0	229	19.9	248	24.2	266	28.8	283	33.4	297	37.6	311	41.6	323	45.7	336	49.8	361	58.8
47100	3000	216	17.2	234	21.1	251	25.4	269	30.2	286	35.0	301	39.5	314	43.8	327	47.9	339	52.1	363	61.1
50240	3200	225	19.8	242	23.8	259	28.3	276	33.1	292	38.3	307	43.3	321	48.1	334	52.8	346	57.1	369	66.1
53380	3400	235	22.8	251	26.9	267	31.4	283	36.3	299	41.7	314	47.1	328	52.5	341	57.6	353	62.5	375	71.8
56520	3600	246	26.0	261	30.2	275	34.9	291	40.0	305	45.3	320	51.0	334	56.8	348	62.5	360	67.9	382	78.1
59660	3800	256	29.6	270	34.0	284	38.7	298	43.9	313	49.4	327	55.2	341	61.3	354	67.4	367	73.3	389	84.5
62800	4000	266	33.5	280	38.1	293	43.0	307	48.2	321	53.9	334	59.7	347	65.9	360	72.4	373	78.7	396	91.1
65940	4200	277	37.9	290	42.7	303	47.6	316	53.0	328	58.6	342	64.8	354	70.9	367	77.5	379	84.3	403	97.6
69080	4400	287	42.6	300	47.6	313	52.7	325	58.1	337	63.9	349	70.1	362	76.4	374	83.1	386	90.0	409	104
72220	4600	298	47.7	311	52.9	322	58.2	334	63.8	346	69.7	357	75.7	369	82.4	381	89.1	393	96.1	416	110
75360	4800	309	53.2	321	58.5	333	64.2	344	69.8	355	75.8	366	82.1	377	88.6	389	95.7	400	102	422	117
78500	5000	320	59.1	331	64.7	343	70.5	353	76.5	364	82.5	375	88.8	386	95.4	397	102	407	109	429	124
81640	5200	331	65.7	342	71.5	353	77.4	363	83.4	374	89.7	384	96.0	394	103	405	109	415	117	436	132
84780	5400	342	72.7	353	78.7	363	84.6	374	91.0	383	97.4	393	104	403	110	413	117	423	125	443	141
87920	5600	353	80.1	363	86.3	373	92.5	384	99.0	393	105	403	112	412	119	422	126	432	133	451	150
91060	5800	364	88.1	374	94.4	384	100	394	107	403	114	412	121	422	128	431	135	440	143	459	159
94200	6000	375	96.6	385	103	395	110	404	116	414	123	422	130	431	137	440	145	449	152	467	168

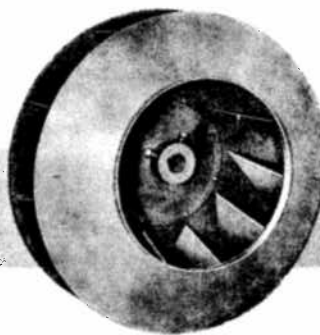
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
40820	2600	380	61.8	404	71.4	427	81.1	450	90.7	471	100	492	110	512	120	531	129	550	138	568	147
42390	2700	382	63.9	405	73.7	428	83.7	450	93.8	471	103	492	114	512	124	531	134	550	144	568	153
43960	2800	383	66.1	407	76.0	429	86.4	451	96.7	472	107	492	117	512	128	531	138	550	149	568	159
45530	2900	385	68.3	408	78.4	431	88.9	452	99.6	472	110	493	121	512	132	531	143	550	153	568	164
47100	3000	387	70.8	410	80.9	432	91.5	453	102	474	113	493	124	513	135	532	147	550	158	568	169
50240	3200	392	75.9	414	86.3	435	97.0	456	108	476	120	495	131	514	143	532	155	551	167	568	179
53380	3400	396	81.6	418	92.2	439	103	459	114	479	126	498	138	516	151	534	163	552	176	569	189
56520	3600	403	88.1	423	98.5	443	109	463	121	482	133	501	145	519	158	537	171	554	185	571	198
59660	3800	410	95.1	429	105	448	116	467	128	486	141	504	153	522	166	540	180	557	193	573	207
62800	4000	417	102	436	113	454	124	472	136	491	149	508	162	526	175	543	188	560	202	576	217
65940	4200	424	110	443	122	461	133	478	145	495	157	513	171	530	184	546	198	563	212	579	226
69080	4400	431	118	450	130	468	143	485	155	501	167	518	180	534	194	551	208	567	222	582	237
72220	4600	437	125	457	139	475	152	492	165	508	178	524	191	539	204	555	219	571	233	587	248
75360	4800	443	133	463	148	482	162	499	176	515	189	530	202	545	216	560	230	576	245	591	260
78500	5000	450	140	470	156	489	172	506	187	522	201	537	215	552	229	567	243	581	257	596	272
81640	5200	457	149	476	165	495	182	513	198	529	213	544	228	559	242	573	256	587	271	601	286
84780	5400	463	157	483	174	501	192	519	208	536	225	551	240	566	256	580	271	594	286	607	301
87920	5600	470	166	489	183	508	201	526	219	543	237	558	254	573	270	587	286	601	301	614	316
91060	5800	478	176	496	193	514	212	532	230	549	249	565	267	580	284	594	301	608	317	621	333
94200	6000	485	186	503	203	521	222	538	241	555	261	571	280	587	298	601	316	615	333	629	351
97340	6200	493	197	511	215	528	233	545	253	562	273	578	293	593	312	608	332	622	350	635	367
100480	6400	501	208	518	226	535	245	552	265	568	285	584	306	600	326	615	346	629	366	642	385
103620	6600	510	220	526	239	542	258	558	277	575	298	591	319	606	341	621	361	635	382	649	403
106760	6800	518	233	534	251	550	271	566	291	581	312	597	333	613	355	627	377	642	398	656	420
109900	7000	527	246	542	264	558	285	573	305	588	326	604	348	619	370	634	393	648	415	662	437



INDUSTRIAL FAN

WHEEL DIA. 104 1/4"
 OULET AREA 19.5 SQ FT
 INLET DIA. 60"
 INLET AREA 19.2 SQ FT

AIR WHEEL
 TYPE XB



SIZE 60

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
31200	1600	144	7.47	166	10.2	186	13.4	205	16.8	223	20.4	239	24.1	256	27.8	271	31.6	285	35.3	313	42.3
33150	1700	147	8.15	169	11.1	188	14.3	206	17.7	224	21.5	240	25.4	256	29.3	271	33.3	286	37.2	313	45.0
35100	1800	150	8.83	172	12.1	190	15.3	208	18.8	225	22.6	241	26.6	257	30.8	271	34.9	286	39.1	313	47.5
37050	1900	153	9.52	175	13.1	193	16.4	210	20.0	227	23.8	243	27.9	258	32.2	272	36.6	286	41.0	313	49.8
39000	2000	156	10.2	178	14.1	196	17.6	212	21.2	229	25.1	244	29.3	259	33.6	273	38.2	287	42.8	313	52.1
40950	2100	159	11.0	181	15.1	199	18.9	215	22.6	231	26.5	246	30.7	260	35.2	274	39.8	288	44.7	313	54.3
42900	2200	163	11.8	184	16.1	202	20.3	218	24.1	233	28.0	248	32.3	262	36.8	276	41.5	289	46.4	314	56.5
44850	2300	166	12.8	187	17.2	205	21.6	221	25.7	235	29.6	250	34.0	264	38.5	277	43.3	290	48.2	315	58.7
46800	2400	170	13.7	190	18.2	208	23.0	224	27.4	238	31.4	252	35.7	266	40.4	279	45.2	292	50.2	317	60.8
48750	2500	173	14.8	193	19.4	211	24.3	227	29.0	242	33.4	255	37.7	268	42.3	281	47.2	294	52.3	318	63.0
50700	2600	177	15.9	196	20.5	214	25.7	231	30.7	245	35.4	258	39.8	270	44.4	283	49.3	295	54.5	319	65.3
52650	2700	181	17.1	199	21.8	217	27.1	233	32.4	248	37.4	261	42.0	273	46.7	285	51.6	297	56.8	321	67.7
54600	2800	185	18.4	203	23.2	220	28.5	236	34.1	251	39.4	264	44.4	276	49.2	288	54.1	300	59.3	323	70.3
56550	2900	190	19.9	206	24.7	223	30.0	239	35.8	254	41.4	267	46.7	279	51.7	291	56.7	302	61.9	325	73.1
58500	3000	194	21.4	210	26.2	226	31.6	242	37.5	257	43.4	270	49.1	283	54.5	294	59.5	305	64.7	327	75.9
62400	3200	203	24.6	218	29.6	233	35.2	248	41.2	263	47.5	276	53.8	289	59.8	300	65.5	311	70.9	332	82.1
66300	3400	212	28.3	226	33.4	240	39.0	254	45.1	269	51.8	282	58.6	295	65.2	307	71.5	317	77.6	337	89.2
70200	3600	221	32.3	234	37.6	248	43.3	261	49.7	275	56.3	288	63.4	301	70.6	313	77.6	324	84.3	344	97.0
74100	3800	230	36.7	243	42.3	256	48.1	268	54.5	281	61.4	294	68.6	306	76.1	318	83.7	330	91.1	350	105
78000	4000	239	41.6	252	47.4	264	53.4	276	59.9	288	67.0	300	74.1	312	81.9	324	89.9	335	97.8	356	113
81900	4200	249	47.0	261	53.0	272	59.2	284	65.8	295	72.8	307	80.4	318	88.1	330	96.3	341	104	362	121
85800	4400	258	52.9	270	59.1	281	65.5	292	72.2	303	79.3	314	87.0	325	95.0	336	103	347	111	368	129
89700	4600	268	59.2	279	65.7	290	72.3	301	79.2	311	86.5	321	94.1	332	102	343	110	353	119	374	137
93600	4800	278	66.1	288	72.7	299	79.7	309	86.7	319	94.1	329	102	339	110	350	118	359	127	380	146
97500	5000	287	73.5	298	80.4	308	87.6	318	95.0	328	102	337	110	347	118	357	127	366	136	386	155
101400	5200	297	81.6	308	88.9	317	96.2	327	103	336	111	345	119	355	127	364	136	373	145	392	164
105300	5400	307	90.2	317	97.7	326	105	336	113	345	121	354	129	363	137	372	146	380	155	399	175
109200	5600	317	99.6	327	107	336	114	345	123	354	131	362	139	371	147	380	157	388	166	406	186
113100	5800	327	109	336	117	345	125	354	133	363	142	371	150	379	159	388	168	396	177	413	197
117000	6000	337	120	346	128	355	136	363	144	372	153	380	162	388	171	396	180	404	189	420	209

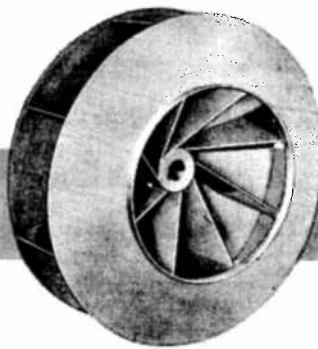
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
50700	2600	342	76.8	364	88.7	384	100	404	112	424	125	442	137	460	149	478	160	494	178	511	197
52650	2700	343	79.3	365	91.6	385	104	405	116	424	129	442	141	460	154	478	167	494	185	511	204
54600	2800	345	82.1	366	94.4	386	107	405	120	424	133	443	146	460	159	478	172	494	196	511	210
56550	2900	346	84.9	367	97.4	387	110	406	123	425	137	443	150	461	164	478	177	495	191	511	204
58500	3000	348	87.9	369	100	388	113	407	127	426	141	444	155	461	168	478	182	495	196	511	210
62400	3200	352	94.3	372	107	391	120	410	134	428	149	445	163	462	178	479	193	495	208	511	223
66300	3400	357	101	376	114	395	128	413	142	431	157	448	172	464	188	481	203	496	219	512	234
70200	3600	362	109	380	122	399	136	416	150	434	165	450	181	467	197	483	213	498	230	513	246
74100	3800	368	118	386	131	403	145	420	160	437	175	453	190	470	207	485	223	501	240	515	258
78000	4000	375	127	392	141	408	155	425	169	441	185	457	201	473	217	488	234	503	251	518	269
81900	4200	381	136	398	151	414	166	430	180	446	196	461	212	477	229	491	246	506	263	521	281
85800	4400	387	146	405	162	421	177	436	192	451	208	466	224	481	241	495	258	510	276	524	294
89700	4600	393	155	411	173	427	189	442	205	457	221	471	237	485	254	500	272	514	290	527	308
93600	4800	399	165	417	184	433	201	449	219	463	235	477	252	490	268	504	286	518	304	531	323
97500	5000	405	175	422	194	440	214	455	232	470	250	483	267	496	284	509	301	523	319	536	338
101400	5200	411	185	428	205	445	226	461	246	476	264	490	283	503	301	515	318	528	337	541	355
105300	5400	416	195	434	216	451	238	467	259	482	279	496	299	509	318	522	336	534	355	546	374
109200	5600	423	206	440	228	457	250	473	272	488	294	502	315	515	335	528	355	540	374	552	393
113100	5800	429	218	446	240	463	263	478	286	494	309	508	331	522	353	535	374	547	394	559	414
117000	6000	437	231	452	253	468	276	484	300	499	324	514	347	528	371	541	392	553	414	565	436
120900	6200	443	244	459	267	474	290	490	314	505	339	520	364	534	388	547	412	559	434	571	456
124800	6400	451	258	466	281	481	304	496	329	511	354	525	380	539	405	553	430	566	455	578	478
128700	6600	458	273	473	296	488	320	502	345	517	371	531	397	545	423	558	449	571	475	584	500
132600	6800	466	289	480	312	495	337	509	361	523	387	537	414	551	441	564	468	577	495	590	521
136500	7000	474	306	488	329	502	354	516	379	529	404	543	432	557	460	570	488	583	516	595	543



INDUSTRIAL FAN

WHEEL DIA. 19 1/8"
OUTLET AREA 0.66 SQ FT
INLET DIA. 11"
INLET AREA .63 SQ FT

SHROUDED WHEEL
TYPE XS



SIZE 11

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1056	1600	814	.29	940	.40	1051	.51	1155	.63	1249	.76	1336	.89	1424	1.03	1507	1.17	1588	1.32	1738	1.61
1122	1700	831	.31	954	.43	1064	.55	1165	.67	1259	.81	1345	.94	1431	1.08	1511	1.23	1591	1.38	1739	1.68
1188	1800	849	.34	970	.46	1078	.59	1176	.72	1269	.86	1355	.99	1439	1.14	1517	1.29	1595	1.44	1741	1.75
1254	1900	867	.37	986	.50	1093	.63	1188	.77	1280	.91	1365	1.05	1448	1.20	1525	1.35	1600	1.51	1744	1.83
1320	2000	886	.41	1003	.54	1108	.68	1202	.82	1292	.96	1376	1.11	1458	1.26	1534	1.42	1607	1.58	1748	1.91
1386	2100	906	.45	1021	.58	1124	.73	1217	.87	1305	1.02	1388	1.17	1469	1.33	1544	1.49	1615	1.66	1753	2.00
1452	2200	926	.49	1040	.62	1141	.78	1232	.93	1319	1.08	1401	1.23	1481	1.40	1554	1.56	1625	1.74	1760	2.09
1518	2300	946	.53	1059	.67	1158	.83	1248	.99	1334	1.14	1415	1.30	1493	1.47	1565	1.64	1636	1.82	1769	2.18
1584	2400	967	.57	1078	.72	1175	.88	1264	1.05	1349	1.21	1429	1.38	1505	1.55	1576	1.72	1647	1.90	1779	2.27
1650	2500	988	.62	1097	.78	1193	.94	1281	1.11	1365	1.28	1444	1.46	1518	1.63	1588	1.81	1658	1.99	1790	2.37
1716	2600	1010	.67	1116	.84	1211	1.00	1298	1.17	1381	1.35	1459	1.54	1532	1.71	1601	1.90	1670	2.09	1801	2.47
1782	2700	1032	.72	1135	.90	1229	1.07	1316	1.24	1397	1.42	1474	1.62	1547	1.80	1615	1.99	1683	2.19	1813	2.58
1848	2800	1054	.77	1155	.96	1248	1.14	1334	1.31	1414	1.50	1490	1.70	1563	1.89	1630	2.09	1697	2.29	1825	2.70
1914	2900	1077	.83	1176	1.02	1267	1.21	1352	1.39	1432	1.58	1506	1.79	1579	1.99	1645	2.19	1711	2.40	1838	2.82
1980	3000	1100	.90	1197	1.09	1287	1.29	1371	1.48	1450	1.67	1523	1.89	1595	2.09	1661	2.30	1726	2.51	1852	2.94
2112	3200	1146	1.04	1240	1.24	1328	1.44	1409	1.65	1486	1.85	1558	2.08	1628	2.29	1694	2.52	1757	2.73	1880	3.18
2244	3400	1193	1.20	1284	1.41	1370	1.61	1448	1.84	1523	2.05	1594	2.29	1663	2.51	1728	2.75	1790	2.96	1909	3.44
2376	3600	1241	1.36	1329	1.59	1413	1.80	1488	2.05	1561	2.27	1631	2.52	1699	2.75	1763	2.99	1824	3.21	1939	3.71
2508	3800	1290	1.54	1375	1.79	1456	2.01	1530	2.27	1601	2.51	1669	2.76	1735	3.01	1799	3.25	1859	3.48	1971	4.00
2640	4000	1339	1.76	1422	2.01	1500	2.24	1573	2.50	1643	2.76	1709	3.02	1772	3.28	1836	3.53	1894	3.77	2005	4.32
2772	4200	1388	2.00	1469	2.25	1545	2.49	1617	2.76	1685	3.02	1750	3.31	1810	3.57	1873	3.83	1930	4.09	2041	4.66
2904	4400	1438	2.26	1517	2.49	1591	2.76	1661	3.05	1728	3.29	1791	3.62	1849	3.88	1911	4.15	1969	4.43	2078	5.02
3036	4600	1488	2.54	1566	2.75	1637	3.05	1706	3.37	1771	3.57	1833	3.95	1890	4.21	1950	4.50	2008	4.80	2115	5.39
3168	4800	1539	2.84	1615	3.04	1684	3.37	1751	3.70	1815	3.89	1876	4.30	1932	4.57	1990	4.88	2047	5.18	2152	5.79
3300	5000	1590	3.16	1664	3.37	1732	3.72	1797	4.06	1860	4.24	1920	4.67	1975	4.96	2032	5.29	2087	5.58	2190	6.22
3432	5200	1642	3.50	1714	3.74	1780	4.09	1844	4.45	1905	4.63	1965	5.06	2020	5.38	2075	5.71	2128	6.01	2230	6.67
3564	5400	1694	3.86	1764	4.14	1829	4.49	1891	4.86	1950	5.06	2010	5.48	2065	5.82	2118	6.15	2170	6.46	2270	7.14
3696	5600	1746	4.22	1814	4.57	1878	4.81	1938	5.27	1996	5.52	2055	5.92	2110	6.28	2162	6.62	2212	6.94	2311	7.65
3828	5800	1800	4.59	1864	5.02	1927	5.34	1986	5.68	2043	6.01	2100	6.39	2155	6.74	2206	7.12	2256	7.44	2354	8.19
3960	6000	1855	4.97	1915	5.49	1976	5.78	2035	6.10	2091	6.53	2146	6.89	2201	7.21	2250	7.66	2300	7.97	2398	8.78

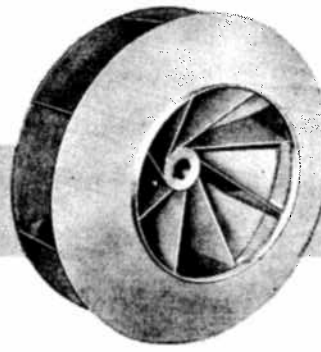
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1716	2600	1923	2.88	2039	3.29	2148	3.71	2254	4.14	2360	4.60	2456	5.06	2559	5.54	2659	5.98	2750	6.47	2840	6.96
1782	2700	1934	2.99	2049	3.42	2156	3.85	2262	4.28	2366	4.75	2461	5.21	2562	5.70	2660	6.15	2751	6.66	2841	7.17
1848	2800	1945	3.11	2059	3.55	2165	3.99	2270	4.43	2373	4.91	2467	5.37	2566	5.87	2662	6.33	2753	6.85	2842	7.38
1914	2900	1957	3.24	2069	3.68	2175	4.13	2279	4.59	2381	5.07	2474	5.54	2571	6.05	2666	6.52	2756	7.04	2844	7.59
1980	3000	1969	3.37	2080	3.82	2186	4.27	2289	4.75	2390	5.24	2482	5.72	2578	6.24	2672	6.72	2761	7.24	2847	7.80
2112	3200	1994	3.64	2102	4.10	2208	4.56	2309	5.07	2408	5.58	2499	6.08	2593	6.62	2684	7.12	2771	7.65	2853	8.23
2244	3400	2021	3.92	2126	4.40	2231	4.88	2331	5.40	2428	5.92	2518	6.46	2610	7.01	2698	7.53	2783	8.07	2862	8.67
2376	3600	2050	4.21	2153	4.72	2256	5.23	2355	5.75	2449	6.27	2538	6.86	2629	7.42	2714	7.95	2797	8.50	2874	9.13
2508	3800	2081	4.52	2183	5.07	2283	5.61	2381	6.13	2472	6.66	2560	7.29	2649	7.85	2732	8.40	2813	8.94	2889	9.61
2640	4000	2114	4.85	2214	5.44	2311	6.02	2409	6.54	2497	7.09	2584	7.73	2671	8.30	2753	8.88	2831	9.42	2907	10.1
2772	4200	2148	5.20	2246	5.81	2341	6.43	2438	6.97	2524	7.55	2610	8.18	2695	8.78	2777	9.39	2851	9.94	2928	10.6
2904	4400	2183	5.57	2279	6.20	2373	6.85	2468	7.42	2553	8.04	2638	8.64	2721	9.29	2803	9.93	2873	10.5	2951	11.2
3036	4600	2218	5.97	2313	6.61	2406	7.28	2499	7.88	2583	8.54	2667	9.12	2749	9.83	2830	10.5	2897	11.1	2976	11.8
3168	4800	2254	6.40	2348	7.05	2441	7.73	2531	8.36	2614	9.05	2697	9.64	2778	10.4	2858	11.1	2923	11.7	3003	12.4
3300	5000	2291	6.85	2384	7.52	2476	8.20	2564	8.86	2646	9.57	2728	10.2	2808	11.0	2887	11.7	2951	12.3	3032	13.1
3432	5200	2329	7.33	2421	8.02	2511	8.70	2598	9.38	2678	10.1	2760	10.8	2839	11.6	2917	12.3	2981	13.0	3062	13.8
3564	5400	2368	7.84	2459	8.55	2547	9.23	2633	9.93	2711	10.7	2793	11.4	2871	12.2	2948	12.9	3012	13.7	3093	14.5
3696	5600	2407	8.38	2497	9.11	2583	9.80	2669	10.5	2745	11.3	2827	12.0	2904	12.8	2980	13.6	3044	14.4	3124	15.2
3828	5800	2447	8.96	2535	9.70	2620	10.4	2706	11.1	2780	11.9	2862	12.6	2938	13.5	3013	14.3	3077	15.1	3156	15.9
3960	6000	2488	9.57	2574	10.3	2658	11.0	2743	11.7	2816	12.6	2898	13.3	2973	14.2	3047	15.0	3111	15.8	3188	16.7
4092	6200	2529	10.2	2614	10.9	2697	11.7	2780	12.4	2853	13.3	2935	14.0	3009	14.9	3081	15.8	3146	16.6	3221	17.5
4224	6400	2570	10.8	2654	11.6	2737	12.4	2818	13.1	2891	14.0	2972	14.8	3045	15.7	3116	16.6	3182	17.4	3255	18.3
4356	6600	2612	11.4	2695	12.3	2777	13.1	2857	13.9	2930	14.7	3009	15.6	3081	16.5	3151	17.4	3219	18.2	3290	19.1
4488	6800	2655	12.1	2737	13.0	2818	13.9	2897	14.7	2970	15.5	3047	16.4	3117	17.3	3187	18.3	3257	19.0	3326	20.0
4620	7000	2699	12.9	2780	13.8	2860	14.7	2939	15.5	3011	16.3	3085	17.2	3154	18.2	3223	19.2	3296	19.9	3362	20.9



INDUSTRIAL FAN

WHEEL DIA. 22 5/8"
OUTLET AREA 0.92 SQ FT
INLET DIA. 13"
INLET AREA 0.88 SQ FT

SHROUDED WHEEL
TYPE XS



SIZE 13

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1472	1600	688	.41	794	.56	888	.71	976	.88	1055	1.06	1129	1.24	1203	1.44	1273	1.63	1342	1.84	1469	2.25
1564	1700	704	.43	806	.60	899	.77	984	.94	1064	1.13	1137	1.31	1209	1.51	1277	1.72	1344	1.93	1469	2.35
1656	1800	719	.47	820	.64	911	.82	994	1.01	1072	1.20	1145	1.38	1216	1.59	1282	1.80	1348	2.01	1471	2.44
1748	1900	733	.52	833	.70	924	.88	1004	1.07	1082	1.27	1153	1.47	1224	1.68	1289	1.88	1352	2.11	1474	2.55
1840	2000	749	.57	848	.75	936	.95	1016	1.14	1092	1.34	1163	1.55	1232	1.76	1296	1.98	1358	2.21	1477	2.67
1932	2100	766	.63	863	.81	950	1.02	1028	1.21	1103	1.42	1173	1.63	1241	1.86	1305	2.08	1365	2.32	1481	2.79
2024	2200	782	.68	879	.87	964	1.09	1041	1.30	1115	1.51	1184	1.72	1251	1.95	1313	2.18	1373	2.43	1487	2.92
2116	2300	799	.74	895	.94	979	1.16	1055	1.38	1127	1.59	1196	1.81	1262	2.05	1322	2.29	1382	2.54	1495	3.04
2208	2400	817	.80	911	1.01	993	1.23	1068	1.47	1140	1.69	1208	1.93	1272	2.16	1332	2.40	1392	2.65	1503	3.17
2300	2500	835	.87	927	1.09	1008	1.31	1082	1.55	1153	1.79	1220	2.04	1283	2.28	1342	2.53	1401	2.78	1513	3.31
2392	2600	853	.94	943	1.17	1023	1.40	1097	1.63	1167	1.88	1233	2.15	1295	2.39	1353	2.65	1411	2.92	1522	3.45
2484	2700	872	1.01	959	1.26	1039	1.49	1112	1.73	1180	1.98	1246	2.26	1307	2.51	1365	2.78	1422	3.06	1532	3.60
2576	2800	891	1.07	976	1.34	1055	1.59	1127	1.83	1195	2.09	1259	2.37	1321	2.64	1377	2.92	1434	3.20	1542	3.77
2668	2900	910	1.16	994	1.42	1071	1.69	1142	1.94	1210	2.21	1273	2.50	1334	2.78	1390	3.06	1446	3.35	1553	3.94
2760	3000	930	1.26	1011	1.52	1088	1.80	1158	2.07	1225	2.33	1287	2.64	1348	2.92	1404	3.21	1458	3.50	1565	4.10
2944	3200	968	1.45	1048	1.73	1122	2.01	1191	2.30	1256	2.58	1317	2.90	1376	3.20	1431	3.52	1485	3.81	1589	4.44
3128	3400	1008	1.68	1085	1.97	1158	2.25	1224	2.57	1287	2.86	1347	3.20	1406	3.50	1460	3.84	1513	4.13	1613	4.80
3312	3600	1049	1.90	1123	2.22	1194	2.51	1257	2.86	1319	3.17	1378	3.52	1436	3.84	1490	4.17	1541	4.48	1638	5.18
3496	3800	1090	2.15	1162	2.50	1230	2.81	1293	3.17	1353	3.50	1410	3.85	1466	4.20	1520	4.54	1571	4.86	1665	5.58
3680	4000	1131	2.46	1202	2.81	1268	3.13	1329	3.49	1388	3.85	1444	4.22	1497	4.58	1551	4.93	1600	5.26	1694	6.03
3864	4200	1173	2.79	1241	3.14	1306	3.48	1366	3.85	1424	4.22	1479	4.62	1529	4.98	1583	5.35	1631	5.71	1725	6.51
4048	4400	1215	3.15	1282	3.48	1344	3.85	1404	4.26	1460	4.59	1513	5.05	1562	5.42	1615	5.79	1664	6.18	1756	7.01
4232	4600	1257	3.55	1323	3.84	1383	4.26	1442	4.70	1496	4.98	1549	5.51	1597	5.88	1648	6.28	1697	6.70	1787	7.52
4416	4800	1300	3.96	1365	4.24	1423	4.70	1480	5.17	1534	5.43	1585	6.00	1633	6.38	1682	6.81	1730	7.23	1818	8.08
4600	5000	1344	4.41	1406	4.70	1464	5.19	1518	5.67	1572	5.92	1622	6.52	1669	6.92	1717	7.38	1764	7.79	1851	8.68
4784	5200	1387	4.89	1448	5.22	1504	5.71	1558	6.21	1610	6.46	1660	7.06	1707	7.51	1753	7.97	1798	8.39	1884	9.31
4968	5400	1431	5.39	1491	5.78	1546	6.27	1598	6.78	1648	7.06	1698	7.65	1745	8.12	1790	8.59	1834	9.02	1918	9.97
5152	5600	1475	5.89	1533	6.38	1587	6.71	1638	7.36	1687	7.71	1736	8.26	1783	8.77	1827	9.24	1869	9.69	1953	10.7
5336	5800	1521	6.41	1575	7.01	1628	7.45	1678	7.93	1726	8.39	1775	8.92	1821	9.41	1864	9.94	1906	10.4	1989	11.4
5520	6000	1567	6.94	1618	7.66	1670	8.07	1720	8.52	1767	9.12	1813	9.62	1860	10.1	1901	10.7	1944	11.1	2026	12.3

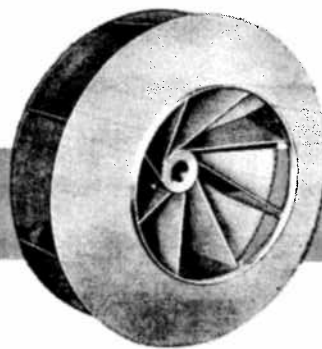
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2392	2600	1625	4.02	1723	4.59	1815	5.18	1905	5.78	1994	6.42	2075	7.06	2162	7.73	2247	8.35	2324	9.03	2400	9.72
2484	2700	1634	4.17	1731	4.77	1822	5.37	1911	5.97	1999	6.63	2090	7.27	2165	7.96	2248	8.59	2325	9.30	2401	10.0
2576	2800	1644	4.34	1740	4.96	1829	5.57	1918	6.18	2005	6.85	2085	7.50	2168	8.19	2249	8.84	2326	9.56	2401	10.3
2668	2900	1654	4.52	1748	5.14	1838	5.77	1926	6.41	2012	7.08	2091	7.73	2172	8.45	2253	9.10	2329	9.83	2403	10.6
2760	3000	1664	4.70	1758	5.33	1847	5.96	1934	6.63	2020	7.32	2097	7.99	2178	8.71	2258	9.38	2333	10.1	2406	10.9
2944	3200	1685	5.08	1776	5.72	1866	6.37	1951	7.08	2035	7.79	2112	8.49	2191	9.24	2268	9.94	2341	10.7	2411	11.5
3128	3400	1708	5.47	1796	6.14	1885	6.81	1970	7.54	2052	8.26	2128	9.02	2205	9.79	2280	10.5	2352	11.3	2418	12.1
3312	3600	1732	5.87	1819	6.59	1906	7.30	1990	8.03	2069	8.75	2145	9.58	2222	10.4	2293	11.1	2363	11.9	2429	12.7
3496	3800	1758	6.31	1845	7.08	1929	7.83	2012	8.56	2089	9.30	2163	10.2	2238	11.0	2309	11.7	2377	12.5	2441	13.4
3680	4000	1786	6.77	1871	7.59	1953	8.40	2036	9.13	2110	9.90	2183	10.8	2257	11.6	2326	12.4	2392	13.2	2456	14.1
3864	4200	1815	7.26	1898	8.11	1978	8.98	2060	9.73	2133	10.5	2205	11.4	2277	12.3	2347	13.1	2409	13.9	2474	14.8
4048	4400	1845	7.78	1926	8.66	2005	9.56	2085	10.4	2157	11.2	2229	12.1	2299	13.0	2369	13.9	2428	14.7	2494	15.6
4232	4600	1874	8.33	1954	9.23	2033	10.2	2112	11.0	2183	11.9	2254	12.7	2323	13.7	2391	14.7	2448	15.5	2515	16.5
4416	4800	1905	8.93	1984	9.84	2063	10.8	2139	11.7	2209	12.6	2279	13.5	2347	14.5	2415	15.5	2470	16.3	2538	17.3
4600	5000	1936	9.56	2014	10.5	2092	11.4	2167	12.4	2236	13.4	2305	14.2	2373	15.4	2440	16.3	2494	17.2	2562	18.3
4784	5200	1968	10.2	2046	11.2	2122	12.1	2195	13.1	2263	14.1	2332	15.1	2399	16.2	2465	17.2	2519	18.1	2587	19.3
4968	5400	2001	10.9	2078	11.9	2152	12.9	2225	13.9	2291	14.9	2360	15.9	2426	17.0	2491	18.0	2545	19.1	2614	20.2
5152	5600	2034	11.7	2110	12.7	2183	13.7	2255	14.7	2320	15.8	2389	16.8	2454	17.9	2518	19.0	2572	20.1	2640	21.2
5336	5800	2068	12.5	2142	13.5	2214	14.5	2287	15.5	2349	16.6	2418	17.6	2483	18.8	2546	20.0	2600	21.1	2667	22.2
5520	6000	2102	13.4	2175	14.4	2246	15.4	2318	16.3	2380	17.6	2449	18.6	2512	19.8	2575	20.9	2629	22.1	2694	23.3
5704	6200	2137	14.2	2209	15.2	2279	16.3	2349	17.3	2411	18.6	2480	19.5	2543	20.8	2603	22.1	2658	23.2	2722	24.4
5888	6400	2172	15.1	2243	16.2	2313	17.3	2381	18.3	2443	19.5	2511	20.7	2573	21.9	2633	23.2	2689	24.3	2750	25.5
6072	6600	2207	15.9	2277	17.2	2347	18.3	2414	19.4	2476	20.5	2543	21.8	2603	23.0	2663	24.3	2720	25.4	2780	26.7
6256	6800	2243	16.9	2313	18.1	2381	19.4	2448	20.5	2510	21.6	2575	22.9	2634	24.2	2693	25.5	2752	26.5	2810	27.9
6440	7000	2281	18.0	2349	19.3	2417	20.5	2483	21.6	2544	22.8	2607	24.0	2665	25.4	2723	25.8	2785	27.8	2841	29.2



INDUSTRIAL FAN

WHEEL DIA. 26 1/4"
OUTLET AREA 1.22 SQ FT
INLET DIA. 15"
INLET AREA 1.19 SQ FT

SHROUDED WHEEL
TYPE XS



SIZE 15

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1852	1600	596	.54	688	.75	769	.95	845	1.18	914	1.42	978	1.66	1042	1.92	1103	2.19	1162	2.46	1272	3.00
2074	1700	608	.58	698	.80	779	1.03	853	1.25	922	1.51	985	1.75	1047	2.02	1106	2.30	1165	2.58	1273	3.13
2196	1800	621	.63	710	.86	789	1.10	861	1.34	929	1.60	992	1.85	1053	2.13	1110	2.41	1168	2.69	1274	3.27
2318	1900	635	.69	722	.93	800	1.18	870	1.44	937	1.70	999	1.96	1060	2.24	1116	2.52	1171	2.82	1277	3.41
2440	2000	649	.77	734	1.01	811	1.27	880	1.53	946	1.79	1007	2.07	1067	2.35	1123	2.65	1176	2.95	1280	3.56
2562	2100	663	.84	747	1.08	823	1.36	891	1.62	955	1.90	1016	2.18	1075	2.48	1130	2.78	1182	3.10	1283	3.73
2684	2200	678	.91	761	1.16	835	1.46	902	1.74	966	2.01	1026	2.30	1084	2.61	1138	2.91	1190	3.25	1288	3.90
2806	2300	692	.99	775	1.25	848	1.55	914	1.85	976	2.13	1036	2.43	1093	2.74	1146	3.06	1198	3.40	1295	4.07
2928	2400	708	1.06	789	1.34	860	1.64	925	1.96	987	2.26	1046	2.58	1102	2.89	1154	3.21	1206	3.55	1302	4.24
3050	2500	723	1.16	803	1.46	873	1.75	938	2.07	999	2.39	1057	2.72	1111	3.04	1162	3.38	1214	3.71	1310	4.42
3172	2600	739	1.25	817	1.57	886	1.87	950	2.18	1011	2.52	1068	2.87	1121	3.19	1172	3.55	1222	3.90	1318	4.61
3294	2700	755	1.34	831	1.68	900	2.00	963	2.31	1023	2.65	1079	3.02	1132	3.36	1182	3.71	1232	4.09	1327	4.81
3416	2800	772	1.44	845	1.79	914	2.13	976	2.44	1035	2.80	1091	3.18	1144	3.53	1193	3.90	1242	4.27	1336	5.04
3538	2900	788	1.55	861	1.90	927	2.26	990	2.59	1048	2.95	1102	3.34	1156	3.71	1204	4.09	1252	4.48	1345	5.26
3660	3000	805	1.68	876	2.03	942	2.41	1004	2.76	1061	3.12	1115	3.53	1168	3.90	1216	4.29	1263	4.68	1356	5.49
3904	3200	839	1.94	908	2.31	972	2.69	1031	3.08	1088	3.45	1140	3.88	1192	4.27	1240	4.70	1286	5.09	1376	5.93
4148	3400	873	2.24	940	2.63	1003	3.00	1060	3.43	1115	3.83	1167	4.27	1217	4.68	1265	5.13	1310	5.52	1397	6.42
4392	3600	908	2.54	973	2.97	1034	3.36	1089	3.83	1143	4.24	1194	4.70	1244	5.13	1291	5.58	1335	5.99	1419	6.92
4636	3800	944	2.87	1007	3.34	1066	3.75	1120	4.24	1172	4.68	1222	5.15	1270	5.62	1317	6.06	1361	6.49	1443	7.46
4880	4000	980	3.28	1041	3.75	1098	4.18	1151	4.67	1203	5.15	1251	5.64	1297	6.12	1344	6.59	1386	7.03	1468	8.06
5124	4200	1016	3.73	1075	4.20	1131	4.65	1184	5.15	1233	5.64	1281	6.18	1325	6.66	1371	7.15	1413	7.63	1494	8.70
5368	4400	1053	4.22	1110	4.65	1165	5.15	1216	5.69	1265	6.14	1311	6.75	1353	7.24	1399	7.74	1441	8.27	1521	9.37
5612	4600	1089	4.74	1146	5.13	1198	5.69	1249	6.29	1296	6.66	1342	7.37	1383	7.86	1427	8.40	1470	8.96	1548	10.1
5856	4800	1127	5.30	1182	5.67	1233	6.29	1282	6.90	1329	7.26	1373	8.02	1414	8.53	1457	9.11	1498	9.67	1575	10.8
6100	5000	1164	5.90	1218	6.29	1268	6.94	1315	7.58	1362	7.91	1405	8.71	1446	9.26	1487	9.87	1528	10.4	1603	11.6
6344	5200	1202	6.53	1255	6.98	1303	7.63	1350	8.30	1394	8.64	1438	9.44	1479	10.0	1519	10.7	1558	11.2	1632	12.4
6588	5400	1240	7.20	1291	7.73	1339	8.38	1384	9.07	1427	9.44	1471	10.2	1512	10.9	1550	11.5	1588	12.1	1662	13.3
6832	5600	1278	7.87	1328	8.53	1375	8.98	1419	9.83	1461	10.3	1504	11.0	1545	11.7	1583	12.4	1619	13.0	1692	14.3
7076	5800	1318	8.56	1364	9.37	1411	9.96	1454	10.6	1495	11.2	1537	11.9	1577	12.6	1615	13.3	1651	13.9	1723	15.3
7320	6000	1358	9.27	1402	10.2	1446	10.8	1490	11.4	1531	12.2	1571	12.9	1611	13.5	1647	14.3	1684	14.9	1755	16.4

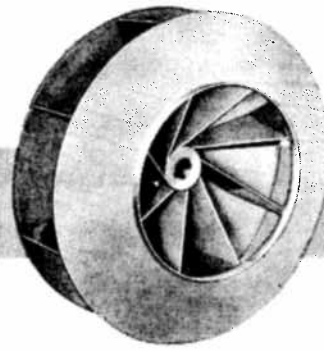
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3172	2600	1408	5.37	1493	6.14	1572	6.92	1650	7.73	1728	8.58	1798	9.44	1873	10.3	1946	11.2	2013	12.1	2079	13.0
3294	2700	1416	5.58	1500	6.38	1578	7.18	1656	7.99	1732	8.86	1801	9.72	1875	10.6	1947	11.5	2014	12.4	2080	13.4
3416	2800	1424	5.80	1507	6.62	1585	7.45	1662	8.27	1737	9.16	1806	10.0	1878	11.0	1949	11.8	2015	12.8	2080	13.8
3538	2900	1433	6.05	1515	6.87	1592	7.71	1668	8.56	1743	9.46	1811	10.3	1882	11.3	1952	12.2	2017	13.1	2082	14.2
3660	3000	1441	6.29	1523	7.13	1600	7.97	1676	8.86	1749	9.78	1817	10.7	1887	11.6	1956	12.5	2021	13.5	2084	14.6
3904	3200	1460	6.79	1539	7.65	1616	8.51	1690	9.46	1763	10.4	1829	11.3	1898	12.4	1965	13.3	2028	14.3	2088	15.4
4148	3400	1479	7.31	1556	8.21	1633	9.11	1706	10.1	1777	11.0	1843	12.1	1911	13.1	1975	14.1	2037	15.1	2095	16.2
4392	3600	1501	7.86	1576	8.81	1651	9.76	1724	10.7	1793	11.7	1858	12.8	1924	13.8	1987	14.8	2047	15.9	2104	17.0
4636	3800	1523	8.43	1598	9.46	1671	10.5	1743	11.4	1810	12.4	1874	13.6	1939	14.6	2000	15.7	2059	16.7	2115	17.9
4880	4000	1547	9.05	1621	10.2	1692	11.2	1763	12.2	1828	13.2	1891	14.4	1955	15.5	2015	16.6	2072	17.6	2128	18.8
5124	4200	1572	9.70	1644	10.8	1714	12.0	1785	13.0	1848	14.1	1911	15.3	1973	16.4	2033	17.5	2087	18.5	2143	19.8
5368	4400	1598	10.4	1668	11.6	1737	12.8	1807	13.8	1869	15.0	1931	16.1	1992	17.3	2052	18.5	2103	19.6	2160	20.9
5612	4600	1624	11.1	1693	12.3	1761	13.6	1829	14.7	1891	15.9	1952	17.0	2012	18.3	2072	19.6	2121	20.8	2178	22.0
5856	4800	1650	11.9	1719	13.2	1787	14.4	1853	15.6	1913	16.9	1974	18.0	2033	19.4	2092	20.7	2140	21.8	2198	23.1
6100	5000	1677	12.8	1745	14.0	1812	15.3	1877	16.5	1937	17.9	1997	19.0	2055	20.5	2113	21.8	2160	23.0	2219	24.4
6344	5200	1705	13.7	1772	15.0	1838	16.2	1902	17.5	1960	18.8	2020	20.2	2078	21.6	2135	23.0	2182	24.3	2241	25.8
6588	5400	1733	14.6	1800	16.0	1864	17.2	1927	18.5	1984	20.0	2044	21.3	2102	22.8	2158	24.1	2205	25.6	2264	27.1
6832	5600	1762	15.6	1828	17.0	1891	18.3	1954	19.6	2009	21.1	2069	22.4	2126	23.9	2181	25.4	2228	26.9	2287	28.4
7076	5800	1791	16.7	1856	18.1	1918	19.4	1981	20.7	2035	22.2	2095	23.5	2151	25.2	2206	26.7	2252	28.2	2310	29.7
7320	6000	1821	17.9	1884	19.2	1946	20.5	2008	21.8	2061	23.5	2121	24.8	2176	26.5	2230	28.0	2277	29.5	2334	31.2
7564	6200	1851	19.0	1913	20.3	1974	21.8	2035	23.1	2088	24.8	2148	26.1	2203	27.8	2255	29.5	2303	31.0	2358	32.7
7808	6400	1881	20.2	1943	21.6	2003	23.1	2063	24.4	2116	26.1	2176	27.6	2229	29.3	2281	31.0	2329	32.5	2383	34.1
8052	6600	1912	21.3	1973	23.0	2033	24.4	2091	25.9	2145	27.4	2203	29.1	2255	30.8	2307	32.5	2356	34.0	2408	35.6
8296	6800	1943	22.6	2003	24.3	2063	25.9	2121	27.4	2174	28.9	2230	30.6	2282	32.3	2333	34.1	2384	35.5	2435	37.3
8540	7000	1976	24.1	2035	25.8	2094	27.4	2151	28.9	2204	30.4	2258	32.1	2309	34.0	2359	35.8	2413	37.1	2461	39.0



INDUSTRIAL FAN

WHEEL DIA. 29 3/8"
OUTLET AREA 1.57 SQ FT
INLET DIA. 17"
INLET AREA 1.52 SQ FT

SHROUDED WHEEL
TYPE XS



SIZE 17

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2512	1600	509	.66	593	.90	662	1.18	729	1.47	790	1.77	845	2.06	902	2.37	958	2.84				
2669	1700	520	.72	600	.97	669	1.25	733	1.56	793	1.88	849	2.19	906	2.50	958	2.84				
2826	1800	531	.78	609	1.05	676	1.35	740	1.66	798	1.99	855	2.32	910	2.65	959	3.00				
2983	1900	542	.85	618	1.14	684	1.44	748	1.76	805	2.10	861	2.45	914	2.80	961	3.15	1012	3.53		
3140	2000	554	.93	629	1.23	694	1.54	756	1.87	813	2.21	868	2.58	919	2.94	963	3.31	1016	3.68	1098	4.45
3297	2100	566	1.01	639	1.33	704	1.66	765	1.98	822	2.33	875	2.71	924	3.10	967	3.48	1021	3.87	1102	4.65
3454	2200	578	1.10	649	1.44	715	1.77	775	2.11	830	2.46	882	2.84	930	3.24	974	3.64	1026	4.05	1108	4.86
3611	2300	590	1.19	659	1.55	725	1.89	785	2.25	839	2.60	889	2.98	938	3.38	982	3.81	1031	4.24	1114	5.09
3768	2400	602	1.29	670	1.66	736	2.03	795	2.39	849	2.75	897	3.14	947	3.53	990	3.98	1037	4.42	1120	5.31
3925	2500	614	1.39	682	1.78	747	2.16	805	2.54	859	2.90	905	3.31	955	3.71	998	4.15	1044	4.60	1127	5.53
4082	2600	626	1.49	694	1.91	759	2.29	815	2.70	869	3.07	915	3.50	965	3.89	1006	4.33	1051	4.79	1134	5.75
4239	2700	638	1.62	705	2.05	770	2.43	825	2.86	879	3.25	925	3.68	975	4.09	1014	4.52	1059	4.98	1142	5.95
4396	2800	650	1.75	717	2.17	781	2.60	835	3.03	889	3.44	936	3.86	985	4.29	1022	4.74	1068	5.20	1150	6.16
4553	2900	664	1.88	730	2.32	792	2.77	846	3.21	900	3.64	947	4.08	995	4.50	1031	4.97	1078	5.44	1158	6.43
4710	3000	679	2.01	743	2.47	803	2.93	857	3.40	910	3.85	960	4.29	1005	4.70	1040	5.21	1089	5.71	1167	6.68
5024	3200	704	2.28	769	2.75	825	3.29	880	3.80	928	4.30	976	4.76	1021	5.28	1061	5.72	1104	6.18	1184	7.20
5338	3400	732	2.61	792	3.12	850	3.69	903	4.21	948	4.75	998	5.19	1040	5.76	1082	6.27	1122	6.75	1200	7.76
5652	3600	760	2.96	818	3.50	875	4.10	927	4.63	972	5.24	1015	5.75	1062	6.24	1103	6.85	1142	7.28	1218	8.40
5966	3800	790	3.34	845	3.89	900	4.55	951	5.08	998	5.75	1040	6.31	1084	6.80	1125	7.45	1163	7.95	1236	9.12
6280	4000	820	3.76	871	4.30	926	5.04	975	5.60	1020	6.27	1060	6.91	1108	7.44	1148	8.07	1184	8.69	1258	9.84
6594	4200	849	4.21	900	4.85	953	5.55	999	6.18	1044	6.83	1083	7.53	1132	8.08	1169	8.76	1205	9.46	1278	10.6
6908	4400	879	4.71	930	5.42	980	6.12	1028	6.80	1070	7.44	1108	8.16	1156	8.80	1191	9.49	1228	10.2	1298	11.5
7222	4600	909	5.28	960	6.00	1007	6.72	1050	7.45	1095	8.14	1135	8.85	1180	9.52	1214	10.2	1252	11.0	1318	12.4
7536	4800	939	5.88	990	6.55	1034	7.39	1075	8.11	1120	8.92	1160	9.60	1204	10.3	1236	11.0	1276	11.9	1340	13.3
7850	5000	970	6.50	1020	7.20	1062	8.09	1102	8.80	1150	9.70	1185	10.5	1228	11.1	1258	11.8	1300	12.8	1367	14.4
8164	5200	1000	7.16	1050	8.02	1091	8.81	1130	9.71	1175	10.5	1208	11.4	1252	11.9	1281	12.7	1325	13.7	1388	15.4
8478	5400	1029	7.84	1080	8.90	1119	9.55	1160	10.4	1201	11.3	1234	12.2	1276	12.9	1305	13.7	1350	14.7	1410	16.4
8792	5600	1058	8.61	1110	9.69	1147	10.4	1190	11.3	1227	12.2	1262	13.1	1300	14.0	1329	14.7	1375	15.7	1434	17.4
9106	5800	1089	9.51	1139	10.4	1176	11.3	1220	12.3	1254	13.2	1299	14.1	1328	15.0	1354	15.8	1400	16.8	1460	18.5
9420	6000	1120	10.5	1168	11.1	1203	12.3	1250	13.5	1282	14.2	1340	15.2	1358	16.1	1380	17.1	1424	18.0	1486	19.7

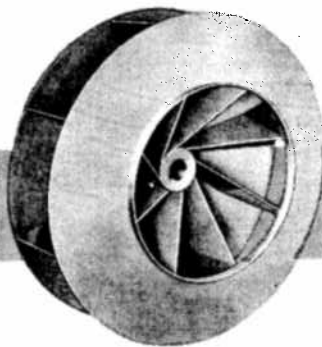
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4082	2600	1209	6.70	1290	7.65	1352	8.62	1425	9.65	1495	10.7	1552	11.7								
4239	2700	1215	6.95	1292	7.95	1355	8.94	1429	9.91	1496	11.0	1554	12.0	1613	13.1						
4396	2800	1223	7.21	1298	8.25	1359	9.25	1434	10.3	1498	11.3	1557	12.4	1615	13.5	1680	14.7				
4553	2900	1231	7.47	1304	8.55	1364	9.56	1439	10.7	1501	11.7	1562	12.8	1618	13.9	1682	15.0	1735	16.2		
4710	3000	1239	7.72	1311	8.85	1370	9.98	1444	11.2	1505	12.1	1568	13.3	1620	14.4	1685	15.5	1737	16.7	1790	17.9
5024	3200	1254	8.30	1324	9.44	1384	10.6	1454	11.7	1510	12.9	1577	14.2	1630	15.3	1690	16.5	1742	17.6	1799	18.8
5338	3400	1271	8.89	1338	10.0	1400	11.2	1466	12.5	1520	13.7	1586	15.0	1640	16.4	1701	17.5	1750	18.7	1812	20.0
5652	3600	1290	9.58	1352	10.8	1417	11.9	1480	13.3	1535	14.6	1596	15.9	1652	17.2	1712	18.5	1761	19.8	1820	21.2
5966	3800	1309	10.3	1368	11.5	1436	12.8	1495	14.1	1552	15.4	1610	16.8	1665	18.2	1724	19.5	1772	20.9	1828	22.6
6280	4000	1328	11.1	1388	12.3	1455	13.7	1512	15.0	1569	16.3	1626	17.7	1680	19.1	1736	20.6	1783	22.1	1838	23.5
6594	4200	1349	11.9	1408	13.3	1474	14.6	1530	15.8	1586	17.2	1643	18.6	1697	20.1	1749	21.7	1795	23.2	1848	24.8
6908	4400	1368	12.8	1430	14.2	1493	15.5	1550	16.9	1604	18.3	1660	19.8	1714	21.2	1764	22.7	1809	24.3	1860	25.9
7222	4600	1390	13.8	1450	15.1	1512	16.5	1570	18.0	1622	19.5	1678	20.8	1731	22.4	1778	23.8	1826	25.5	1876	27.0
7536	4800	1410	14.8	1472	16.2	1531	17.6	1590	19.1	1641	20.7	1698	22.0	1748	23.5	1794	25.1	1844	26.8	1894	28.2
7850	5000	1430	15.8	1494	17.3	1551	18.8	1610	20.3	1661	21.9	1718	23.2	1766	25.0	1810	26.5	1863	28.2	1910	29.7
8164	5200	1450	16.8	1518	18.3	1571	20.0	1630	21.6	1682	23.1	1738	24.6	1785	26.4	1830	27.9	1882	29.6	1929	31.2
8478	5400	1471	17.9	1540	19.4	1590	21.2	1650	22.9	1703	24.4	1758	26.0	1804	27.8	1850	29.4	1901	31.2	1948	32.9
8792	5600	1493	19.1	1562	20.6	1610	22.5	1670	24.2	1724	25.8	1778	27.5	1824	29.4	1872	30.9	1920	32.8	1967	34.6
9106	5800	1518	20.3	1584	21.9	1630	23.9	1692	25.7	1745	27.3	1799	29.1	1844	31.0	1894	32.6	1939	34.5	1986	36.5
9420	6000	1544	21.5	1606	23.3	1654	25.4	1714	27.2	1766	28.8	1820	30.8	1864	32.6	1920	34.4	1958	36.2	2005	38.4
9734	6200	1570	22.8	1629	24.8	1678	26.9	1736	28.7	1787	30.4	1841	32.6	1885	34.4	1936	36.2	1977	37.9	2023	40.3
10048	6400	1596	24.4	1650	26.4	1702	28.4	1760	30.3	1808	32.0	1861	34.4	1905	36.0	1952	38.0	1997	39.7	2042	42.2
10362	6600	1621	26.1	1675	28.1	1727	29.9	1783	32.0	1833	33.7	1880	36.2	1925	37.7	1972	39.8	2017	41.6	2061	44.1
10676	6800	1645	27.3	1700	29.8	1752	31.4	1806	33.7	1854	35.4	1899	38.0	1946	39.6	1996	41.6	2038	43.6	2080	46.1
10990	7000	1668	28.8	1726	31.6	1777	33.0	1829	35.5	1876	37.2	1918	40.6	1967	41.9	2021	43.4	2060	45.6	2102	48.3



INDUSTRIAL FAN

WHEEL DIA. 33"
OUTLET AREA 1.95 SQ FT
INLET DIA. 19"
INLET AREA 1.89 SQ FT

SHROUDED WHEEL
TYPE XS



SIZE 19

CFM	Outlet Velocity	1" SP		1½" SP		2" SP		2½" SP		3" SP		3½" SP		4" SP		4½" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3123	1600	458	.82	534	1.12	596	1.46	656	1.82	711	2.20	761	2.56	812	2.94						
3318	1700	468	.89	540	1.20	602	1.56	660	1.93	714	2.33	764	2.72	815	3.10	862	3.52				
3513	1800	478	.97	548	1.30	609	1.67	666	2.06	718	2.47	770	2.88	819	3.28	863	3.71				
3709	1900	488	1.05	557	1.41	616	1.77	673	2.18	724	2.60	775	3.04	823	3.46	865	3.91	911	4.38		
3904	2000	498	1.15	566	1.52	625	1.91	680	2.32	731	2.74	781	3.20	827	3.64	867	4.11	914	4.57	988	5.52
4099	2100	509	1.25	575	1.65	634	2.06	688	2.46	739	2.89	788	3.36	831	3.82	870	4.31	918	4.78	992	5.76
4294	2200	520	1.36	584	1.79	644	2.19	697	2.62	747	3.05	794	3.52	837	4.01	877	4.51	923	5.00	997	6.02
4489	2300	531	1.48	593	1.92	652	2.35	706	2.79	755	3.22	800	3.70	844	4.20	884	4.72	928	5.22	1002	6.29
4684	2400	542	1.60	603	2.06	662	2.52	715	2.96	764	3.41	807	3.90	852	4.39	891	4.93	933	5.45	1008	6.56
4879	2500	553	1.72	614	2.21	672	2.68	725	3.15	773	3.60	815	4.12	860	4.60	898	5.15	939	5.69	1014	6.83
5075	2600	564	1.85	624	2.37	683	2.84	734	3.35	782	3.81	824	4.34	869	4.83	905	5.38	946	5.93	1021	7.10
5270	2700	575	2.01	634	2.53	693	3.02	743	3.55	791	4.03	833	4.56	877	5.07	912	5.62	953	6.18	1028	7.37
5465	2800	586	2.17	645	2.69	703	3.22	752	3.76	800	4.26	842	4.79	886	5.32	920	5.88	961	6.45	1035	7.65
5660	2900	598	2.33	656	2.88	713	3.43	762	3.98	809	4.51	853	5.06	895	5.57	928	6.16	970	6.75	1042	7.95
5855	3000	611	2.49	668	3.06	723	3.63	772	4.22	819	4.78	864	5.33	905	5.83	936	6.46	980	7.08	1050	8.29
6246	3200	634	2.82	692	3.41	743	4.08	792	4.71	835	5.34	880	5.87	920	6.46	955	7.09	994	7.68	1066	8.92
6636	3400	659	3.24	712	3.87	765	4.58	812	5.22	853	5.89	897	6.44	936	7.11	974	7.78	1010	8.33	1080	9.62
7026	3600	684	3.67	736	4.34	787	5.08	835	5.74	875	6.50	914	7.13	955	7.77	993	8.50	1028	9.05	1096	10.4
7417	3800	711	4.15	760	4.80	810	5.64	856	6.30	897	7.14	934	7.83	975	8.48	1012	9.24	1046	9.87	1112	11.3
7807	4000	738	4.66	784	5.34	834	6.25	877	6.95	919	7.78	954	8.57	996	9.23	1031	10.0	1065	10.8	1129	12.2
8198	4200	764	5.22	810	6.01	858	6.88	899	7.67	941	8.47	976	9.34	1017	10.0	1051	10.8	1084	11.7	1146	13.2
8588	4400	791	5.84	836	6.73	881	7.59	922	8.44	963	9.23	998	10.1	1039	10.9	1071	11.7	1105	12.6	1164	14.3
8978	4600	818	6.55	864	7.45	905	8.33	945	9.24	986	10.1	1021	11.0	1061	11.8	1091	12.6	1127	13.6	1183	15.4
9369	4800	845	7.29	891	8.12	930	9.16	967	10.1	1009	11.1	1043	11.9	1083	12.8	1111	13.6	1149	14.7	1203	16.6
9759	5000	873	8.06	918	8.94	956	10.0	992	10.9	1033	12.0	1065	13.0	1105	13.8	1131	14.7	1171	15.8	1224	17.8
10149	5200	900	8.88	945	9.95	982	10.9	1018	12.0	1057	13.0	1087	14.1	1127	14.8	1152	15.8	1193	17.0	1245	19.0
10540	5400	926	9.73	972	11.0	1007	11.8	1044	13.0	1081	14.0	1110	15.1	1149	16.0	1173	17.0	1215	18.2	1267	20.3
10930	5600	952	10.7	999	12.0	1031	12.9	1070	14.0	1105	15.1	1137	16.2	1171	17.3	1195	18.2	1237	19.5	1290	21.6
11321	5800	980	11.8	1023	12.9	1059	14.0	1098	15.3	1129	16.4	1169	17.5	1194	18.6	1218	19.6	1259	20.8	1313	23.0
11711	6000	1009	13.0	1050	13.8	1082	15.2	1125	16.7	1154	17.6	1207	18.9	1220	20.0	1241	21.2	1282	22.3	1337	24.4

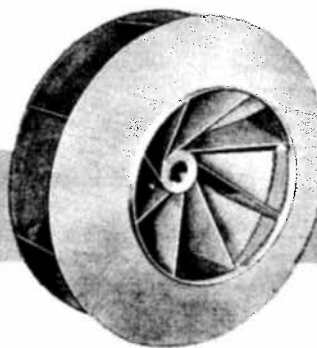
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5075	2600	1088	8.31	1160	9.49	1218	10.7	1282	11.8	1346	13.3	1397	14.5								
5270	2700	1093	8.62	1163	9.84	1220	11.1	1286	12.3	1347	13.6	1399	14.9	1452	16.2						
5465	2800	1099	8.93	1167	10.2	1223	11.5	1290	12.8	1348	14.0	1401	15.4	1453	16.7	1511	18.2				
5660	2900	1106	9.25	1173	10.6	1227	11.9	1295	13.3	1351	14.5	1405	15.9	1455	17.2	1513	18.6	1561	20.1		
5855	3000	1114	9.57	1180	11.0	1232	12.4	1300	13.9	1354	15.0	1410	16.5	1458	17.9	1517	19.2	1562	20.7	1610	22.2
6246	3200	1130	10.3	1191	11.7	1246	13.1	1309	14.6	1359	16.0	1418	17.5	1467	19.0	1521	20.4	1566	21.8	1618	23.4
6636	3400	1146	11.0	1203	12.4	1260	13.9	1319	15.5	1368	17.0	1427	18.6	1476	20.2	1531	21.7	1574	23.2	1627	24.7
7026	3600	1162	11.8	1215	13.3	1276	14.8	1332	16.5	1382	18.0	1437	19.7	1486	21.4	1541	23.0	1583	24.6	1636	26.1
7417	3800	1178	12.8	1230	14.3	1293	15.9	1345	17.5	1397	19.1	1449	20.8	1497	22.6	1551	24.3	1593	26.0	1645	27.6
7807	4000	1194	13.8	1248	15.4	1310	17.0	1360	18.6	1412	20.2	1463	21.9	1509	23.8	1561	25.6	1604	27.4	1655	29.2
8198	4200	1211	14.8	1267	16.5	1327	18.1	1377	19.7	1427	21.4	1478	23.1	1522	25.0	1573	26.9	1616	28.8	1665	30.9
8588	4400	1228	15.9	1286	17.6	1344	19.2	1394	21.0	1444	22.8	1493	24.4	1537	26.3	1586	28.2	1629	30.2	1676	32.6
8978	4600	1246	17.1	1305	18.8	1361	20.5	1412	22.3	1461	24.2	1510	25.8	1553	27.8	1600	29.6	1643	31.6	1688	34.3
9369	4800	1264	18.3	1325	20.1	1378	21.9	1430	23.7	1478	25.7	1528	27.3	1570	29.4	1615	31.2	1658	33.2	1702	36.1
9759	5000	1283	19.6	1345	21.4	1395	23.3	1448	25.2	1495	27.2	1546	28.9	1587	31.0	1630	32.8	1673	35.0	1717	37.9
10149	5200	1302	20.9	1365	22.7	1413	24.8	1466	26.8	1514	28.7	1564	30.5	1604	32.7	1647	34.6	1689	36.8	1732	39.8
10540	5400	1322	22.3	1385	24.1	1431	26.3	1485	28.4	1533	30.3	1582	32.2	1622	34.5	1665	36.4	1706	38.7	1748	41.7
10930	5600	1342	23.7	1405	25.6	1449	27.9	1504	30.0	1552	32.0	1600	34.1	1640	36.4	1684	38.3	1723	40.7	1765	43.7
11321	5800	1363	25.2	1425	27.2	1468	29.6	1523	31.8	1571	33.9	1618	36.1	1658	38.4	1703	40.4	1740	42.8	1783	45.7
11711	6000	1384	26.8	1445	28.9	1491	31.4	1542	33.7	1590	35.8	1636	38.2	1676	40.4	1722	42.6	1758	44.9	1801	47.8
12101	6200	1406	28.4	1465	30.8	1510	33.3	1562	35.6	1609	37.7	1654	40.4	1694	42.5	1741	44.8	1776	47.0	1819	50.0
12492	6400	1429	30.1	1485	32.8	1531	35.2	1583	37.6	1628	39.7	1672	42.6	1713	44.6	1760	47.0	1795	49.2	1837	52.3
12882	6600	1452	31.9	1506	34.8	1552	37.1	1604	39.7	1648	41.8	1690	44.8	1732	46.7	1779	49.3	1814	51.6	1855	54.7
13212	6800	1476	33.8	1529	37.0	1575	39.0	1625	41.8	1668	43.9	1708	47.1	1751	49.1	1798	51.6	1834	54.0	1873	57.2
13663	7000	1500	35.8	1552	39.2	1599	40.9	1646	44.0	1688	46.1	1726	50.4	1770	52.0	1819	53.9	1854	56.5	1892	59.9



INDUSTRIAL FAN

WHEEL DIA. 36 1/2"
OUTLET AREA 2.39 SQ FT
INLET DIA. 21"
INLET AREA 2.33 SQ FT

SHROUDED WHEEL
TYPE XS



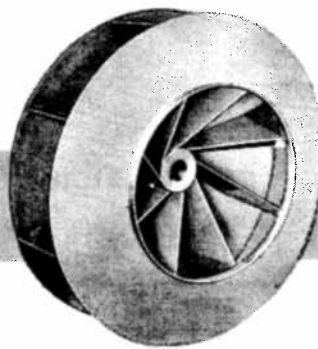
SIZE 21

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3824	1600	413	1.00	481	1.36	538	1.78	592	2.22	641	2.67	686	3.11	733	3.58						
4063	1700	422	1.09	487	1.46	543	1.90	595	2.36	644	2.83	689	3.31	736	3.78	778	4.29				
4302	1800	431	1.18	494	1.58	549	2.04	601	2.50	648	3.00	694	3.50	739	4.00	779	4.52				
4541	1900	440	1.28	502	1.72	556	2.18	607	2.66	654	3.17	699	3.70	743	4.22	780	4.76	822	5.33		
4780	2000	449	1.40	511	1.86	563	2.33	614	2.82	660	3.34	704	3.90	746	4.44	782	5.00	825	5.56	892	6.72
5019	2100	459	1.53	519	2.01	571	2.49	621	2.99	667	3.52	710	4.09	750	4.66	785	5.25	828	5.83	895	7.02
5258	2200	469	1.66	527	2.17	580	2.67	629	3.18	674	3.72	716	4.29	755	4.88	791	5.50	832	6.11	900	7.34
5497	2300	479	1.80	535	2.34	589	2.86	637	3.39	681	3.92	722	4.52	762	5.10	797	5.75	836	6.39	905	7.66
5736	2400	489	1.95	544	2.51	598	3.06	645	3.61	689	4.15	728	4.75	769	5.33	803	6.01	841	6.67	910	7.98
5975	2500	499	2.10	554	2.68	607	3.26	653	3.84	698	4.38	735	5.02	776	5.60	809	6.27	847	6.95	915	8.31
6214	2600	509	2.25	563	2.88	616	3.46	661	4.07	706	4.64	743	5.29	784	5.88	816	6.54	853	7.24	921	8.65
6453	2700	519	2.44	572	3.08	625	3.67	669	4.32	714	4.91	751	5.56	792	6.18	823	6.83	860	7.53	927	9.00
6692	2800	529	2.64	582	3.28	634	3.92	678	4.57	722	5.19	760	5.83	800	6.48	830	7.16	867	7.85	933	9.35
6931	2900	539	2.84	592	3.50	643	4.17	687	4.85	730	5.50	769	6.16	808	6.79	837	7.50	875	8.21	939	9.70
7170	3000	551	3.04	603	3.73	652	4.42	696	5.14	739	5.81	779	6.48	816	7.10	845	7.83	884	8.61	946	10.1
7648	3200	572	3.44	623	4.15	670	4.96	714	5.74	754	6.49	792	7.15	829	7.90	861	8.64	897	9.34	960	10.9
8126	3400	594	3.94	643	4.71	690	5.57	733	6.36	770	7.17	808	7.85	845	8.70	878	9.47	911	10.2	974	11.7
8604	3600	617	4.47	664	5.28	710	6.19	752	6.99	789	7.91	824	8.69	862	9.50	895	10.3	928	11.1	988	12.7
9082	3800	541	5.04	686	5.88	731	6.87	771	7.66	819	8.68	842	9.53	881	10.3	913	11.2	945	12.0	1003	13.8
9560	4000	665	5.68	708	6.50	752	7.61	790	8.46	829	9.46	860	10.4	900	11.2	931	12.2	962	13.1	1020	14.9
10038	4200	689	6.36	731	7.33	774	8.38	810	9.33	849	10.3	880	11.3	919	12.2	949	13.2	979	14.2	1037	16.1
10516	4400	713	7.11	755	8.19	796	9.24	830	10.3	869	11.2	900	12.3	938	13.3	967	14.3	996	15.4	1054	17.4
10934	4600	737	7.96	780	9.05	818	10.1	851	11.2	889	12.3	921	13.4	957	14.4	985	15.4	1016	16.6	1071	18.7
11472	4800	761	8.88	804	9.92	840	11.1	873	12.2	910	13.5	941	14.6	977	15.6	1003	16.6	1036	18.9	1088	20.1
11950	5000	785	9.81	828	10.9	862	12.2	895	13.3	931	14.7	962	15.9	997	16.8	1021	17.8	1056	19.3	1106	21.6
12428	5200	809	10.8	851	12.0	885	13.3	917	14.5	952	15.9	982	17.2	1017	18.0	1040	19.2	1076	20.7	1124	23.2
12906	5400	834	11.8	876	13.2	908	14.5	940	15.7	974	17.1	1003	18.5	1037	19.5	1060	20.7	1096	22.2	1144	24.8
13384	5600	859	13.0	900	14.1	931	15.7	966	17.1	996	18.4	1024	19.8	1057	21.0	1080	22.2	1116	23.7	1165	26.4
13862	5800	884	14.4	924	15.6	954	17.1	970	18.6	1018	19.9	1054	21.3	1079	22.6	1100	23.8	1137	25.4	1186	28.0
14340	6000	909	15.9	948	16.8	978	18.6	1014	20.4	1040	21.4	1088	23.0	1103	24.3	1120	25.8	1158	27.2	1207	29.8

CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6214	2600	981	10.1	1048	11.5	1097	13.0	1157	14.6	1213	16.2	1260	17.7								
6453	2700	986	10.5	1049	12.0	1100	13.5	1160	15.0	1214	16.6	1262	18.1	1310	19.8						
6692	2800	993	10.9	1053	12.5	1103	14.0	1164	15.6	1216	17.1	1264	18.7	1311	20.4	1362	22.2				
6931	2900	1000	11.3	1058	13.0	1107	14.5	1168	16.2	1219	17.7	1267	19.3	1312	21.0	1365	22.6	1409	24.4		
7170	3000	1007	11.7	1064	13.5	1112	15.1	1172	16.9	1222	18.3	1272	20.1	1315	21.8	1368	23.4	1410	25.2	1453	27.0
7648	3200	1019	12.5	1075	14.3	1123	16.0	1181	17.7	1226	19.5	1280	21.4	1322	23.1	1371	24.9	1413	26.6	1460	28.4
8126	3400	1032	13.4	1086	15.2	1135	16.9	1190	18.9	1233	20.7	1288	22.7	1331	24.5	1380	26.4	1421	28.2	1468	30.1
8604	3600	1047	14.5	1097	16.3	1150	18.1	1201	20.1	1246	22.0	1296	24.0	1341	26.0	1390	27.9	1430	29.9	1476	31.9
9082	3800	1062	15.6	1110	17.4	1165	19.4	1213	21.3	1259	23.3	1308	25.4	1351	27.5	1400	29.4	1439	31.6	1484	33.7
9560	4000	1078	16.8	1126	18.6	1180	20.7	1227	22.6	1272	24.6	1321	26.8	1363	29.0	1410	31.0	1448	33.3	1492	35.5
10038	4200	1094	18.0	1143	20.0	1196	22.0	1242	23.9	1287	26.0	1335	28.2	1377	30.5	1420	32.6	1458	35.0	1500	37.3
10516	4400	1110	19.3	1160	21.4	1212	23.4	1257	25.5	1302	27.6	1349	29.8	1391	32.1	1431	34.3	1469	36.7	1510	39.1
10991	4600	1127	20.8	1177	22.8	1229	24.9	1273	27.1	1317	29.4	1363	31.4	1405	33.8	1443	36.0	1483	38.5	1523	41.1
11472	4800	1144	22.3	1194	24.4	1246	26.6	1293	28.8	1332	31.2	1379	33.2	1419	35.7	1457	37.9	1498	40.5	1537	43.2
11950	5000	1160	23.8	1212	26.0	1263	28.4	1305	30.6	1349	33.0	1395	35.0	1433	37.8	1461	40.0	1513	42.6	1552	45.4
12428	5200	1177	25.4	1230	27.6	1280	30.2	1322	32.6	1366	34.9	1411	37.1	1448	39.1	1486	42.1	1528	44.7	1567	47.7
12906	5400	1195	27.0	1248	29.3	1297	32.0	1339	34.6	1383	36.8	1427	39.2	1463	42.0	1502	44.4	1543	47.1	1582	50.1
13384	5600	1212	28.8	1267	31.1	1314	34.0	1356	36.6	1400	39.0	1443	41.5	1479	44.4	1518	46.7	1558	49.5	1597	52.6
13862	5800	1232	30.6	1286	33.0	1331	36.2	1373	38.8	1417	41.2	1459	43.9	1495	46.8	1534	49.2	1573	52.1	1612	55.2
14340	6000	1252	32.4	1305	35.2	1348	38.4	1390	41.0	1434	43.5	1475	46.5	1512	49.2	1551	51.9	1589	54.7	1627	58.0
14818	6200	1272	34.4	1324	37.4	1365	40.6	1408	43.2	1451	45.9	1491	49.2	1529	51.7	1568	54.6	1605	57.3	1642	60.8
15296	6400	1292	36.6	1343	39.8	1383	42.8	1426	45.7	1468	48.3	1508	51.9	1546	54.3	1585	57.3	1621	59.9	1658	63.7
15774	6600	1312	38.9	1362	42.4	1402	45.1	1445	48.3	1485	50.9	1525	54.6	1563	57.0	1603	60.0	1637	62.8	1674	66.6
16252	6800	1333	41.2	1381	45.0	1422	47.4	1465	50.9	1503	53.5	1542	57.4	1580	60.0	1622	62.7	1654	65.8	1690	69.6
16730	7000	1354	43.5	1401	47.7	1442	49.8	1485	53.6	1522	56.2	1560	61.3	1597	63.2	1642	65.5	1672	68.9	1708	72.9



INDUSTRIAL FAN



WHEEL DIA. 40"
OUTLET AREA 2.85 SQ FT
INLET DIA. 23"
INLET AREA 2.78 SQ FT

SHROUDED WHEEL
TYPE XS

SIZE 23

CFM	Outlet Velocity	1" SP		1½" SP		2" SP		2½" SP		3" SP		3½" SP		4" SP		4½" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4572	1600	375	1.20	439	1.64	490	2.15	540	2.68	585	3.22	626	3.75	668	4.31						
4858	1700	385	1.31	444	1.77	495	2.28	543	2.84	587	3.42	629	3.99	671	4.55	709	5.17				
5143	1800	393	1.42	451	1.91	501	2.46	548	3.02	591	3.62	633	4.22	674	4.82	710	5.45				
5429	1900	401	1.55	458	2.07	507	2.62	554	3.20	596	3.82	638	4.46	677	5.10	712	5.73	749	6.42		
5715	2000	410	1.69	466	2.24	514	2.80	560	3.40	602	4.02	643	4.70	681	5.35	713	6.02	752	6.70	813	8.10
6001	2100	419	1.84	473	2.42	521	3.02	567	3.60	609	4.24	648	4.93	684	5.64	716	6.33	756	7.04	816	8.46
6286	2200	428	2.00	481	2.62	530	3.22	574	3.84	615	4.48	653	5.17	689	5.90	721	6.62	760	7.37	821	8.85
6572	2300	437	2.17	488	2.82	537	3.44	581	4.10	621	4.73	658	5.42	695	6.15	727	6.93	764	7.72	825	9.26
6858	2400	446	2.35	496	3.02	545	3.69	589	4.35	629	5.01	664	5.71	701	6.42	733	7.24	768	8.04	829	9.66
7144	2500	455	2.53	505	3.24	553	3.93	596	4.62	636	5.28	670	6.02	707	6.75	739	7.55	773	8.37	835	10.1
7429	2600	464	2.71	514	3.48	562	4.17	604	4.91	644	5.59	678	6.37	715	7.08	745	7.88	778	8.72	840	10.5
7715	2700	473	2.95	522	3.73	570	4.42	611	5.21	651	5.92	685	6.70	722	7.44	751	8.23	784	9.06	846	10.8
8001	2800	481	3.19	531	3.95	578	4.73	618	5.51	658	6.26	693	7.03	729	7.81	757	8.63	791	9.46	852	11.2
8286	2900	492	3.42	541	4.22	587	5.04	627	5.84	667	6.62	701	7.43	737	8.19	764	9.05	798	9.90	858	11.7
8572	3000	503	3.66	550	4.50	595	5.33	635	6.19	674	7.01	711	7.81	744	8.55	770	9.48	807	10.4	864	12.2
9144	3200	521	4.15	570	5.01	611	5.99	652	6.92	687	7.83	723	8.66	756	9.61	786	10.4	818	11.2	877	13.1
9715	3400	542	4.75	587	5.68	630	6.72	669	7.66	702	8.65	739	9.45	770	10.5	801	11.4	831	12.3	889	14.1
10287	3600	563	5.39	606	6.37	648	7.46	687	8.43	720	9.54	752	10.5	787	11.4	817	12.5	846	13.2	902	15.3
10858	3800	585	6.08	626	7.08	667	8.28	704	9.25	739	10.5	770	11.5	803	12.4	833	13.6	861	14.5	915	16.6
11430	4000	607	6.84	645	7.83	686	9.17	722	10.2	755	11.4	785	12.6	821	13.5	850	14.7	877	15.8	932	17.9
12001	4200	629	7.66	667	8.83	706	10.1	740	11.2	773	12.4	802	13.7	838	14.7	866	15.9	892	17.2	946	19.3
12573	4400	651	8.57	689	9.86	726	11.1	761	12.4	792	13.5	821	14.9	856	16.0	882	17.3	909	18.6	961	20.9
13144	4600	673	9.61	711	10.9	746	12.2	778	13.6	811	14.8	841	16.1	874	17.3	899	18.6	927	20.0	976	22.6
13716	4800	695	10.7	733	11.9	766	13.4	796	14.8	829	16.2	859	17.5	892	18.7	915	20.0	945	21.7	992	24.2
14287	5000	718	11.8	755	13.1	787	14.7	816	16.0	852	17.7	878	19.1	909	20.2	932	21.5	963	23.3	1012	26.2
14858	5200	741	13.0	778	14.6	808	16.0	837	17.7	870	19.1	895	20.7	927	21.7	949	23.1	981	24.9	1028	28.0
15430	5400	762	14.3	800	16.2	829	17.4	859	18.9	889	20.6	914	22.2	945	23.5	966	24.9	1000	26.8	1044	29.8
16001	5600	784	15.7	822	17.6	849	18.9	881	20.6	909	22.2	935	23.8	963	25.5	984	26.8	1018	28.6	1062	31.7
16573	5800	807	17.3	844	18.9	871	20.6	904	22.4	929	24.0	962	25.7	984	27.3	1003	28.8	1037	30.6	1081	33.7
17144	6000	829	19.1	865	20.2	891	22.4	926	24.6	949	25.8	992	27.7	1006	29.3	1022	31.1	1055	32.8	1101	35.9

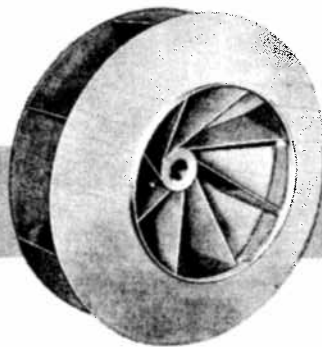
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7429	2600	895	12.2	955	13.9	1001	15.7	1055	17.6	1107	19.5	1149	21.3								
7715	2700	900	12.6	957	14.5	1004	16.3	1058	18.0	1108	20.0	1151	21.8	1195	23.8						
8001	2800	906	13.1	961	15.0	1006	16.8	1062	18.7	1109	20.6	1153	22.6	1196	24.6	1244	26.8				
8286	2900	912	13.6	966	15.6	1010	17.4	1066	19.5	1112	21.3	1157	23.3	1198	25.3	1246	27.3	1285	29.5		
8572	3000	918	14.1	971	16.1	1015	18.2	1069	20.4	1115	22.0	1161	24.2	1200	26.2	1248	28.2	1286	30.4	1326	32.6
9144	3200	929	15.1	981	17.2	1025	19.3	1077	21.3	1118	23.5	1168	25.8	1207	27.8	1252	30.0	1290	32.0	1332	34.2
9715	3400	941	16.2	991	18.2	1037	20.4	1086	22.8	1126	24.9	1175	27.3	1215	29.8	1260	31.9	1296	34.0	1342	36.4
10287	3600	955	17.4	1001	19.7	1049	21.7	1096	24.2	1137	26.6	1182	28.9	1223	31.3	1268	33.7	1304	36.0	1348	38.6
10858	3800	969	18.7	1013	20.9	1064	23.3	1107	25.7	1149	28.0	1192	30.6	1233	33.1	1277	35.5	1312	38.0	1354	41.1
11430	4000	984	20.2	1028	22.4	1078	24.9	1120	27.3	1162	29.7	1204	32.2	1244	34.8	1286	37.5	1320	40.2	1361	42.8
12001	4200	999	21.7	1043	24.2	1092	26.6	1133	28.8	1175	31.3	1217	33.9	1257	36.6	1295	39.5	1329	42.2	1369	45.1
12573	4400	1013	23.3	1059	25.8	1106	28.2	1148	30.8	1188	33.3	1229	36.0	1269	38.6	1306	41.3	1340	44.2	1378	47.1
13144	4600	1029	25.1	1074	27.5	1120	30.0	1163	32.8	1201	35.5	1243	37.9	1282	40.8	1317	43.3	1352	46.4	1389	49.1
13716	4800	1044	26.9	1090	29.5	1134	32.0	1178	34.8	1215	37.7	1258	40.0	1295	42.8	1329	45.7	1366	48.8	1403	51.3
14287	5000	1059	28.8	1106	31.5	1149	34.2	1192	36.9	1230	39.9	1272	42.2	1308	45.5	1340	48.2	1380	51.3	1415	54.1
14858	5200	1074	30.6	1124	33.3	1163	36.4	1207	39.3	1246	42.0	1287	44.8	1322	48.0	1355	50.8	1394	53.9	1429	56.8
15430	5400	1089	32.6	1141	35.3	1178	38.6	1222	41.7	1261	44.4	1302	47.3	1336	50.6	1370	53.5	1408	56.8	1443	59.9
16001	5600	1106	34.8	1157	37.5	1192	41.0	1237	44.0	1277	47.0	1317	50.1	1351	53.5	1386	56.2	1422	59.7	1457	63.0
16573	5800	1124	36.9	1173	39.9	1207	43.5	1253	46.8	1292	49.7	1332	53.0	1366	56.4	1403	59.3	1436	62.8	1471	66.4
17144	6000	1143	39.1	1189	42.4	1225	46.2	1269	49.5	1308	52.4	1348	56.0	1380	59.3	1422	62.6	1450	65.9	1485	69.9
17716	6200	1163	41.5	1206	45.1	1243	49.0	1286	52.2	1323	55.3	1363	59.3	1396	62.6	1434	65.9	1464	69.0	1498	73.3
18287	6400	1182	44.4	1222	48.0	1261	51.7	1303	55.1	1339	58.2	1378	62.6	1411	65.5	1446	69.2	1479	72.3	1512	76.8
18859	6600	1201	47.5	1241	51.1	1279	54.4	1320	58.2	1358	61.3	1392	65.9	1426	68.6	1460	72.4	1494	75.7	1526	80.3
19430	6800	1218	49.7	1259	54.2	1298	57.1	1338	61.3	1373	64.4	1406	69.2	1441	72.1	1478	75.7	1509	79.4	1540	83.9
20002	7000	1235	52.4	1278	57.5	1316	60.1	1355	64.6	1389	67.7	1420	73.9	1457	76.3	1497	79.0	1526	83.0	1557	87.9



INDUSTRIAL FAN

WHEEL DIA. 45 1/8"
OUTLET AREA 3.64 SQ FT
INLET DIA. 26"
INLET AREA 3.61 SQ FT

SHROUDED WHEEL
TYPE XS



SIZE 26

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5823	1600	334	1.53	390	2.09	435	2.74	479	3.41	519	4.10	555	4.78	593	5.49						
6187	1700	342	1.67	394	2.25	440	2.90	482	3.62	521	4.36	558	5.08	595	5.80	629	6.58				
6551	1800	349	1.80	400	2.43	444	3.13	486	3.85	524	4.61	562	5.38	598	6.14	630	6.95				
6915	1900	356	1.97	406	2.64	449	3.34	491	4.08	529	4.87	566	5.68	600	6.49	631	7.30	665	8.18		
7279	2000	364	2.16	413	2.85	456	3.57	497	4.33	534	5.12	570	5.98	604	6.81	633	7.67	668	8.53	721	10.3
7642	2100	372	2.34	420	3.08	463	3.85	503	4.59	540	5.40	575	6.28	607	7.19	635	8.07	671	8.97	724	10.8
8006	2200	380	2.55	426	3.34	470	4.10	509	4.89	545	5.70	579	6.58	611	7.51	640	8.44	674	9.39	728	11.3
8370	2300	387	2.76	433	3.59	476	4.38	516	5.22	551	6.03	584	6.91	616	7.83	645	8.83	677	9.83	732	11.8
8734	2400	396	2.99	440	3.85	484	4.71	522	5.54	558	6.37	589	7.28	622	8.18	650	9.23	681	10.2	736	12.3
9098	2500	403	3.22	448	4.13	491	5.01	529	5.89	564	6.72	595	7.67	627	8.60	656	9.62	686	10.7	740	12.8
9462	2600	411	3.45	456	4.43	499	5.31	535	6.26	571	7.12	601	8.11	634	9.02	661	10.0	691	11.1	745	13.3
9826	2700	419	3.76	463	4.75	506	5.63	542	6.63	578	7.53	608	8.53	641	9.48	666	10.5	696	11.5	750	13.8
10190	2800	427	4.06	471	5.03	513	6.03	549	7.02	584	7.97	615	8.95	647	9.94	671	11.0	702	12.1	756	14.3
10554	2900	436	4.36	480	5.38	520	6.42	556	7.44	591	8.44	622	9.46	654	10.4	677	11.5	708	12.6	761	14.9
10918	3000	446	4.66	488	5.73	528	6.79	563	7.88	598	8.92	631	9.94	660	10.9	683	12.1	715	13.2	767	15.5
11646	3200	463	5.29	505	6.37	542	7.63	578	8.81	610	9.97	641	11.0	671	12.2	697	13.3	725	14.3	778	16.7
12373	3400	481	6.05	520	7.23	558	8.55	593	9.76	623	11.0	656	12.0	683	13.4	711	14.5	737	15.6	788	18.0
13101	3600	499	6.86	537	8.11	575	9.50	609	10.7	639	12.1	667	13.3	698	14.5	725	15.9	750	16.9	800	19.5
13829	3800	519	7.74	555	9.02	591	10.5	625	11.8	656	13.3	683	14.6	712	15.8	739	17.3	764	18.4	812	21.1
14557	4000	539	8.72	572	9.97	608	11.7	640	13.0	670	14.5	696	16.0	728	17.2	754	18.7	778	20.1	827	22.8
15285	4200	558	9.76	591	11.2	626	12.9	656	14.3	686	15.8	712	17.5	744	18.7	768	20.3	792	21.9	840	24.6
16013	4400	578	10.9	611	12.6	644	14.2	675	15.8	703	17.2	728	18.9	759	20.4	782	22.0	807	23.6	853	26.7
16741	4600	597	12.2	631	13.9	662	15.6	690	17.3	719	18.9	746	20.5	775	22.1	798	23.6	823	25.5	866	28.7
17468	4800	617	13.6	650	15.2	679	17.1	706	18.8	736	20.7	762	22.3	791	23.9	812	25.5	838	27.6	880	30.8
18196	5000	637	15.1	670	16.7	698	18.8	724	20.4	756	22.5	779	24.3	807	25.7	827	27.4	854	29.7	898	33.4
18924	5200	657	16.6	690	18.6	717	20.4	742	22.5	772	24.3	794	26.4	823	27.6	842	29.4	871	31.8	912	35.7
19652	5400	676	18.2	710	20.6	735	22.1	762	24.1	789	26.2	811	28.3	838	29.9	857	31.8	887	34.1	926	38.0
20380	5600	695	20.0	729	22.5	754	24.1	782	26.2	806	28.3	829	30.4	854	32.5	873	34.1	903	36.4	942	40.3
21108	5800	715	22.0	748	24.1	773	26.2	802	28.5	824	30.6	853	32.7	872	34.8	890	36.6	920	38.9	959	42.9
21836	6000	736	24.3	767	25.7	790	28.5	821	31.3	842	32.9	880	35.2	892	37.3	907	39.6	936	41.7	976	45.7

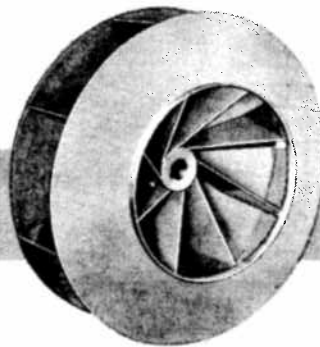
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9462	2600	794	15.5	848	17.7	888	20.0	936	22.4	982	24.8	1020	27.1								
9826	2700	798	16.1	849	18.4	890	20.7	939	23.0	983	25.5	1021	27.8	1060	30.4						
10190	2800	804	16.7	853	19.1	893	21.4	942	23.9	984	26.2	1023	28.7	1061	31.3	1104	34.1				
10554	2900	809	17.3	857	19.8	896	22.2	945	24.8	986	27.1	1026	29.7	1063	32.2	1105	34.8	1140	37.6		
10918	3000	814	17.9	861	20.5	900	23.1	949	26.0	989	28.0	1030	30.8	1064	33.4	1107	35.9	1141	38.7	1176	41.5
11646	3200	824	19.2	870	21.9	909	24.6	955	27.1	992	29.9	1036	32.9	1071	35.5	1110	38.2	1144	40.8	1182	43.6
12373	3400	835	20.6	879	23.2	920	26.0	963	29.0	999	31.8	1042	34.8	1077	38.0	1118	40.6	1150	43.3	1190	46.4
13101	3600	848	22.2	888	25.0	931	27.6	972	30.8	1008	33.8	1049	36.9	1085	39.9	1125	42.9	1157	45.9	1196	49.1
13829	3800	860	23.9	899	26.7	943	29.7	982	32.7	1020	35.7	1058	38.9	1094	42.2	1133	45.2	1164	48.4	1201	52.4
14557	4000	872	25.7	912	28.5	956	31.8	993	34.8	1031	37.8	1068	41.0	1104	44.3	1141	47.8	1171	51.2	1208	54.5
15285	4200	886	27.6	925	30.8	968	33.8	1005	36.6	1042	39.9	1079	43.1	1115	46.6	1149	50.3	1179	53.8	1214	57.5
16013	4400	899	29.7	940	32.9	981	35.9	1018	39.2	1054	42.4	1091	45.9	1126	49.1	1159	52.6	1189	56.3	1222	60.0
16741	4600	913	32.0	953	35.0	993	38.2	1031	41.7	1066	45.2	1102	48.2	1137	51.9	1168	55.2	1200	59.1	1233	62.6
17468	4800	926	34.3	967	37.6	1006	40.8	1045	44.3	1078	48.0	1116	51.0	1148	54.5	1179	58.2	1212	62.1	1244	65.4
18196	5000	940	36.6	982	40.1	1019	43.6	1058	47.1	1091	50.8	1129	53.8	1160	58.0	1189	61.4	1224	65.4	1255	68.8
18924	5200	953	38.9	997	42.4	1032	46.4	1071	50.1	1105	53.5	1142	57.0	1173	61.2	1202	64.7	1236	68.6	1267	72.3
19652	5400	966	41.5	1012	45.0	1045	49.1	1084	53.1	1119	56.6	1155	60.3	1185	64.4	1215	68.1	1249	72.3	1280	76.3
20380	5600	981	44.3	1026	47.8	1058	52.2	1097	56.1	1133	59.8	1168	63.7	1198	68.1	1230	71.6	1261	76.0	1292	80.2
21108	5800	997	47.1	1041	50.8	1071	55.4	1112	59.6	1146	63.3	1182	67.5	1212	71.9	1244	75.6	1274	80.0	1305	84.6
21836	6000	1014	49.8	1055	54.0	1086	58.9	1126	63.0	1160	66.8	1196	71.4	1225	75.6	1261	79.7	1286	83.9	1317	89.0
22563	6200	1031	52.9	1070	57.5	1102	62.4	1141	66.5	1174	70.5	1210	75.6	1238	79.7	1272	83.9	1299	87.9	1329	93.4
23291	6400	1049	56.6	1084	61.2	1118	65.8	1156	70.2	1188	74.2	1223	79.7	1252	83.4	1282	88.1	1312	92.0	1342	97.8
24019	6600	1065	60.5	1100	65.1	1134	69.3	1171	74.2	1204	78.1	1235	83.9	1265	87.4	1296	92.3	1325	96.1	1354	102
24747	6800	1081	63.3	1117	69.1	1151	72.8	1187	78.1	1218	82.1	1248	88.1	1279	91.8	1311	96.4	1339	101	1367	106
25475	7000	1096	66.8	1134	73.2	1167	76.5	1202	82.3	1233	86.2	1260	94.1	1292	97.1	1328	100	1353	105	1381	112



INDUSTRIAL FAN

WHEEL DIA. 50 1/2"
OUTLET AREA 4.56 SQ FT
INLET DIA. 29"
INLET AREA 4.43 SQ FT

SHROUDED WHEEL
TYPE XS



SIZE 29

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7292	1600	299	1.92	349	2.61	389	3.43	429	4.27	465	5.14	497	5.98	530	6.88						
7748	1700	306	2.09	353	2.82	393	3.63	431	4.53	466	5.46	499	6.36	533	7.26	563	8.24				
8204	1800	312	2.26	358	3.05	397	3.92	435	4.82	469	5.78	503	6.73	535	7.69	564	8.71				
8660	1900	319	2.47	363	3.31	402	4.18	440	5.11	473	6.10	506	7.11	537	8.13	565	9.14	595	10.2		
9115	2000	326	2.70	370	3.57	408	4.47	445	5.43	478	6.42	510	7.49	540	8.53	566	9.61	597	10.7	646	12.9
9571	2100	333	2.93	376	3.86	414	4.82	450	5.75	483	6.76	515	7.87	543	9.00	569	10.1	600	11.2	648	13.5
10027	2200	340	3.19	382	4.18	420	5.14	456	6.13	488	7.14	519	8.24	547	9.41	573	10.6	603	11.8	652	14.1
10483	2300	347	3.45	387	4.50	426	5.49	462	6.53	493	7.55	523	8.65	552	9.81	577	11.1	606	12.3	655	14.8
10939	2400	354	3.74	394	4.82	433	5.89	467	6.94	499	7.98	527	9.12	557	10.2	582	11.6	610	12.8	659	15.4
11394	2500	361	4.04	401	5.17	439	6.27	473	7.37	505	8.42	532	9.61	562	10.8	587	12.0	614	13.4	663	16.1
11850	2600	368	4.33	408	5.54	446	6.65	479	7.84	511	8.91	538	10.2	567	11.3	592	12.6	618	13.9	667	16.7
12306	2700	375	4.70	415	5.95	453	7.05	485	8.30	517	9.43	544	10.7	573	11.9	596	13.1	623	14.5	671	17.3
12762	2800	382	5.08	422	6.30	459	7.55	491	8.80	523	9.99	550	11.2	579	12.5	601	13.8	628	15.1	676	17.9
13217	2900	390	5.46	429	6.73	466	8.04	497	9.32	529	10.6	557	11.8	585	13.1	606	14.4	634	15.8	681	18.7
13673	3000	399	5.84	437	7.17	472	8.51	504	9.87	535	11.2	564	12.5	591	13.6	612	15.1	640	16.6	686	19.4
14585	3200	414	6.62	452	7.98	485	9.55	517	11.0	546	12.5	574	13.8	600	15.3	624	16.6	649	17.9	696	20.9
15496	3400	430	7.58	466	9.06	500	10.7	531	12.2	557	13.8	587	15.1	612	16.7	636	18.2	660	19.6	706	22.5
16408	3600	447	8.59	481	10.2	515	11.9	545	13.4	572	15.2	597	16.7	624	18.1	649	19.9	671	21.1	716	24.4
17319	3800	465	9.70	497	11.3	529	13.2	559	14.7	587	16.7	612	18.3	637	19.7	662	21.6	684	23.1	727	26.5
18231	4000	482	10.9	512	12.5	544	14.6	573	16.3	600	18.2	623	20.1	652	21.6	675	23.4	696	25.2	740	28.6
19142	4200	499	12.2	529	14.1	560	16.1	587	17.9	614	19.8	637	21.9	666	23.5	687	25.4	709	27.5	751	30.8
20054	4400	517	13.7	547	15.7	576	17.8	604	19.7	629	21.6	652	23.7	680	25.5	700	27.5	722	29.6	763	33.4
20965	4600	534	15.3	564	17.4	592	19.5	617	21.6	644	23.6	667	25.7	694	27.6	714	29.6	736	31.9	775	36.0
21877	4800	552	17.1	582	19.0	608	21.5	632	23.5	659	25.9	682	27.9	708	29.9	727	31.9	750	34.5	788	38.6
22789	5000	570	18.9	600	20.9	624	23.5	648	25.5	676	28.2	697	30.5	722	32.2	740	34.3	764	37.2	804	41.8
23700	5200	588	20.8	617	23.3	642	25.6	664	28.2	691	30.5	710	33.1	736	34.5	753	36.9	779	39.8	816	44.7
24612	5400	605	22.8	635	25.8	658	27.7	682	30.2	706	32.8	726	35.4	750	37.4	767	39.8	794	42.7	829	47.6
25523	5600	622	25.0	653	28.1	674	30.2	700	32.8	721	35.4	742	38.0	764	40.6	781	42.7	809	45.6	843	50.5
26435	5800	640	27.6	670	30.2	691	32.8	717	35.7	737	38.3	764	40.9	781	43.5	796	45.9	823	48.8	858	53.7
27346	6000	659	30.5	687	32.2	707	35.7	735	39.2	754	41.2	788	44.1	799	46.7	811	49.6	837	52.3	874	57.2

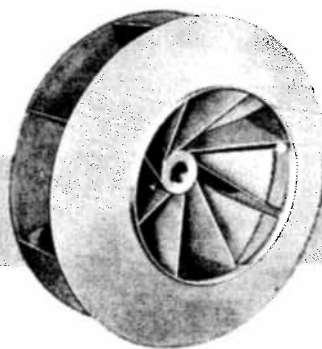
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11850	2600	711	19.5	759	22.2	795	25.0	838	28.0	879	31.1	913	34.0								
12306	2700	714	20.2	760	23.1	797	26.0	840	28.8	880	31.9	914	34.8	948	38.0						
12762	2800	719	20.9	763	23.9	799	26.9	843	29.9	881	32.8	916	36.0	950	39.2	988	42.7				
13217	2900	724	21.7	767	24.8	802	27.8	846	31.1	883	34.0	918	37.2	951	40.4	989	43.5	1020	47.0		
13673	3000	729	22.4	771	25.7	806	29.0	849	32.5	885	35.1	922	38.6	953	41.8	991	45.0	1021	48.5	1053	52.0
14585	3200	737	24.1	779	27.4	814	30.8	855	34.0	888	37.4	927	41.2	958	44.4	994	47.9	1024	51.1	1058	54.6
15496	3400	747	25.8	787	29.0	823	32.5	862	36.3	894	39.8	933	43.5	964	47.6	1000	50.8	1029	54.3	1065	58.1
16408	3600	759	27.8	795	31.4	833	34.5	870	38.6	903	42.4	938	46.2	971	49.9	1007	53.7	1035	57.5	1070	61.5
17319	3800	770	29.9	804	33.4	844	37.2	879	40.9	913	44.7	947	48.8	979	52.8	1014	56.6	1042	60.7	1075	65.6
18231	4000	781	32.2	816	35.7	856	39.8	889	43.5	923	47.3	956	51.4	988	55.4	1021	59.8	1048	64.2	1081	68.2
19142	4200	793	34.5	828	38.6	867	42.4	900	45.9	933	49.9	966	54.0	998	58.4	1028	63.0	1055	67.3	1087	72.0
20054	4400	804	37.2	841	41.2	878	45.0	911	49.1	943	53.1	976	57.5	1008	61.5	1037	65.9	1064	70.5	1094	75.2
20965	4600	817	40.1	853	43.8	889	47.9	923	52.3	954	56.6	987	60.4	1018	65.0	1045	69.1	1074	74.0	1103	78.4
21877	4800	829	43.0	866	47.0	900	51.1	935	55.4	965	60.1	998	63.9	1028	68.2	1055	72.9	1084	77.8	1114	81.9
22789	5000	841	45.9	878	50.2	912	54.6	947	58.9	977	63.6	1010	67.3	1038	72.6	1064	76.9	1095	81.9	1123	86.2
23700	5200	853	48.7	893	53.1	924	58.1	958	62.7	989	67.1	1022	71.4	1050	76.6	1076	81.0	1107	85.9	1134	90.6
24612	5400	865	52.0	906	56.3	935	61.5	970	66.5	1001	70.8	1034	75.5	1061	80.7	1088	85.3	1118	90.6	1145	95.5
25523	5600	878	55.4	918	59.8	947	65.3	982	70.3	1014	74.9	1045	79.8	1073	85.3	1101	89.7	1129	95.2	1157	100
26435	5800	893	58.9	931	63.6	958	69.4	995	74.6	1026	79.3	1058	84.5	1084	90.0	1114	94.6	1140	100	1168	106
27346	6000	908	62.4	944	67.6	973	73.7	1008	79.0	1038	83.6	1070	89.4	1096	94.6	1129	99.9	1151	105	1179	111
28258	6200	923	66.2	958	72.0	987	78.1	1021	83.3	1051	88.3	1083	94.6	1108	99.9	1138	105	1162	110	1190	117
29169	6400	938	70.8	970	76.6	1001	82.4	1034	88.0	1063	92.9	1094	99.9	1120	104	1148	110	1174	115	1201	122
30081	6600	953	75.8	985	81.6	1015	86.8	1048	92.9	1078	97.9	1105	105	1132	109	1160	115	1186	120	1212	128
30992	6800	967	79.3	1000	86.5	1030	91.2	1062	97.8	1090	102	1117	110	1144	115	1174	120	1198	126	1223	133
31904	7000	981	83.6	1015	91.7	1045	95.8	1075	103	1103	108	1128	117	1157	121	1188	126	1211	132	1236	140



INDUSTRIAL FAN

WHEEL DIA. 57 1/2"
OUTLET AREA 5.91 SQ FT
INLET DIA. 33"
INLET AREA 5.79 SQ FT

SHROUDED WHEEL
TYPE XS



SIZE 33

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9420	1600	263	2.48	306	3.38	342	4.43	376	5.51	408	6.64	436	7.73	465	8.89						
10009	1700	268	2.70	310	3.64	345	4.69	378	5.85	409	7.05	438	8.21	467	9.38	494	10.7				
10598	1800	274	2.93	314	3.94	349	5.06	382	6.23	412	7.46	441	8.70	470	9.94	495	11.3				
11186	1900	280	3.19	319	4.28	353	5.40	386	6.60	415	7.88	444	9.19	472	10.5	496	11.8	522	13.2		
11775	2000	286	3.49	325	4.61	358	5.78	390	7.01	420	8.29	448	9.68	474	11.0	497	12.4	524	13.8	567	16.7
12364	2100	292	3.79	330	4.99	363	6.23	395	7.43	424	8.74	452	10.2	477	11.6	499	13.1	527	14.5	569	17.4
12953	2200	298	4.13	335	5.40	369	6.64	400	7.91	428	9.23	455	10.7	480	12.2	503	13.7	529	15.2	572	18.2
13541	2300	304	4.46	340	5.81	374	7.09	405	8.44	433	9.75	459	11.2	484	12.7	507	14.3	532	15.9	575	19.1
14130	2400	311	4.84	346	6.23	380	7.61	410	8.96	438	10.3	463	11.8	489	13.2	511	14.9	535	16.6	578	19.9
14719	2500	317	5.21	352	6.68	385	8.10	415	9.53	443	10.9	467	12.4	493	13.9	515	15.6	539	17.3	582	20.7
15308	2600	323	5.59	358	7.16	392	8.59	421	10.1	448	11.5	472	13.1	498	14.6	519	16.2	542	18.0	585	21.6
15896	2700	329	6.08	364	7.69	397	9.11	426	10.7	454	12.2	477	13.8	503	15.3	523	17.0	546	18.7	589	22.3
16485	2800	335	6.56	370	8.14	403	9.75	431	11.4	459	12.9	483	14.5	508	16.1	527	17.8	551	19.5	593	23.1
17074	2900	343	7.05	377	8.70	409	10.4	437	12.0	464	13.7	489	15.3	513	16.9	532	18.6	556	20.4	598	24.1
17663	3000	350	7.54	383	9.26	414	11.0	442	12.8	470	14.4	495	16.1	519	17.6	537	19.5	562	21.4	602	25.1
18840	3200	363	8.55	397	10.3	426	12.3	454	14.3	479	16.1	504	17.9	527	19.8	547	21.5	570	23.2	611	27.0
20018	3400	378	9.79	409	11.7	439	13.8	466	15.8	489	17.8	515	19.5	537	21.6	558	23.5	579	25.3	619	29.1
21195	3600	392	11.1	422	13.1	452	15.4	478	17.4	502	19.7	524	21.6	548	23.4	569	25.7	589	27.3	628	31.5
22373	3800	408	12.5	436	14.6	464	17.1	491	19.1	515	21.6	537	23.7	559	25.5	581	27.9	600	29.8	638	34.2
23550	4000	423	14.1	449	16.1	478	18.9	503	21.0	526	23.5	547	25.9	572	27.9	592	30.3	611	32.6	649	36.9
24728	4200	438	15.8	464	18.2	492	20.8	515	23.2	539	25.6	559	28.2	584	30.3	603	32.9	622	35.5	659	39.8
25905	4400	454	17.7	480	20.3	506	23.0	530	25.5	552	27.9	572	30.6	596	33.0	615	35.6	634	38.3	670	43.1
27083	4600	469	19.8	495	22.5	520	25.2	542	27.9	565	30.5	586	33.2	609	35.7	626	38.3	646	41.3	680	46.5
28260	4800	485	22.1	511	24.6	534	27.7	555	30.4	578	33.5	599	36.0	621	38.6	638	41.3	658	44.6	691	49.9
29438	5000	501	24.4	526	27.0	548	30.3	569	33.0	593	36.4	611	39.4	634	41.6	649	44.3	671	48.0	705	54.0
30615	5200	516	26.9	542	30.1	563	33.0	583	36.4	606	39.4	623	42.8	646	44.6	661	47.6	684	51.4	716	57.8
31793	5400	531	29.4	557	33.4	577	35.8	599	39.0	620	42.4	637	45.8	658	48.4	673	51.4	697	55.1	728	61.5
32970	5600	546	32.3	573	36.3	592	39.0	614	42.4	633	45.8	651	49.1	671	52.5	686	55.1	710	58.9	740	65.3
34148	5800	562	35.7	588	39.0	607	42.4	630	46.1	647	49.5	670	52.9	685	56.3	699	59.3	722	63.0	753	69.4
35325	6000	578	39.4	603	41.6	621	46.1	645	50.6	662	53.3	691	57.0	701	60.4	712	64.1	735	67.5	767	73.9

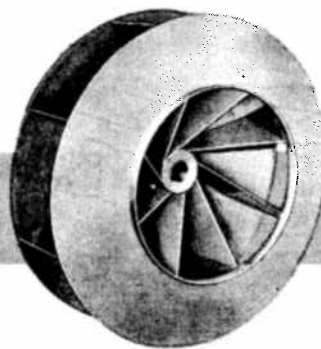
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
15308	2600	624	25.1	666	28.7	698	32.3	735	36.2	771	40.1	801	43.9								
15896	2700	627	26.1	667	29.8	699	33.5	737	37.2	772	41.3	802	45.0	832	49.1						
16485	2800	631	27.0	670	30.9	701	34.7	740	38.6	773	42.4	803	46.5	833	50.6						
17074	2900	635	28.0	673	32.1	704	35.9	743	40.1	775	43.9	806	48.0	835	52.1	868	56.3	895	60.8		
17663	3000	639	29.0	676	33.2	707	37.4	745	42.0	777	45.4	809	49.9	836	54.0	869	58.1	896	62.6	924	67.1
18840	3200	647	31.1	683	35.4	714	39.5	750	43.9	779	48.4	814	53.3	841	57.4	872	61.9	899	66.0	928	70.5
20018	3400	656	33.3	690	37.5	722	42.0	756	46.9	784	51.4	818	56.3	846	61.5	878	65.6	903	70.1	935	75.0
21195	3600	666	35.9	698	40.5	731	44.6	764	49.9	792	54.8	824	59.6	852	64.5	883	69.4	909	74.3	939	79.5
22373	3800	675	38.6	706	43.1	741	48.0	771	52.9	801	57.8	831	63.0	859	68.3	890	73.1	914	78.4	943	84.8
23550	4000	685	41.6	716	46.1	751	51.4	780	56.3	810	61.1	839	66.4	867	71.6	896	77.3	920	82.9	948	88.1
24728	4200	696	44.6	727	49.9	761	54.8	789	59.3	818	64.5	848	69.8	876	75.4	902	81.4	926	87.0	954	93.0
25905	4400	706	48.0	738	53.3	770	58.1	800	63.4	828	68.6	857	74.3	884	79.5	910	85.1	933	91.1	960	97.1
27083	4600	717	51.8	748	56.6	780	61.9	810	67.5	837	73.1	866	78.0	893	84.0	917	89.3	942	95.6	968	101
28260	4800	728	55.5	760	60.8	790	66.0	820	71.6	847	77.6	876	82.5	902	88.1	926	94.1	952	100	977	105
29438	5000	738	59.3	771	64.9	800	70.5	831	76.1	857	82.1	886	87.0	911	93.8	934	99.4	961	105	986	111
30615	5200	748	63.0	783	68.6	811	75.0	841	81.0	868	86.6	897	92.3	921	99.0	944	104	971	111	995	117
31793	5400	759	67.1	795	72.8	820	79.5	851	85.9	879	91.5	907	97.5	931	104	955	110	981	117	1005	123
32970	5600	770	71.6	806	77.3	831	84.4	862	90.8	890	96.8	917	103	941	110	966	115	991	123	1015	129
34148	5800	783	76.1	817	82.1	841	89.6	873	96.4	900	102	928	109	952	116	977	122	1001	129	1025	136
35325	6000	797	80.6	829	87.4	853	95.3	884	102	911	108	939	115	962	122	991	129	1010	135	1035	144
36503	6200	810	85.5	841	93.0	866	100	896	107	922	114	950	122	973	129	999	135	1020	142	1044	151
37680	6400	824	91.5	851	99.0	878	106	908	113	933	120	960	129	983	135	1007	142	1030	148	1054	158
38858	6600	836	97.9	864	105	891	112	920	120	946	126	970	135	993	141	1018	149	1041	156	1063	165
40035	6800	849	102	877	111	904	117	932	126	957	132	980	142	1004	148	1030	156	1052	163	1073	172
41213	7000	861	108	891	118	917	123	944	133	968	139	990	152	1015	157	1043	162	1063	171	1085	181



INDUSTRIAL FAN

WHEEL DIA. 64 1/8"
OUTLET AREA 7.41 SQ FT
INLET DIA. 37"
INLET AREA 7.21 SQ FT

SHROUDED WHEEL
TYPE XS



SIZE 37

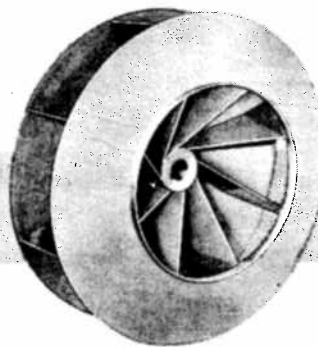
CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11832	1600	235	3.11	273	4.24	305	5.56	336	6.92	364	8.34	390	9.70	416	11.2						
12571	1700	240	3.39	277	4.57	308	5.89	338	7.35	366	8.85	391	10.3	418	11.8	442	13.4				
13310	1800	245	3.67	281	4.95	312	6.36	341	7.82	368	9.37	394	10.9	420	12.5	442	14.1				
14050	1900	250	4.00	285	5.37	315	6.78	345	8.29	371	9.89	397	11.5	421	13.2	443	14.8	467	16.6		
14789	2000	255	4.38	290	5.79	320	7.25	349	8.81	375	10.4	400	12.2	424	13.8	444	15.6	468	17.3	506	21.0
15529	2100	261	4.76	295	6.26	325	7.82	353	9.33	379	11.0	403	12.8	426	14.6	446	16.4	471	18.2	508	21.9
16268	2200	266	5.18	299	6.78	330	8.34	357	9.94	383	11.6	407	13.4	429	15.3	449	17.1	473	19.1	511	22.9
17008	2300	272	5.60	304	7.30	334	8.90	362	10.6	387	12.2	410	14.0	432	15.9	453	17.9	475	20.0	514	24.0
17747	2400	278	6.08	309	7.82	339	9.56	366	11.3	391	13.0	414	14.8	437	16.6	456	18.7	478	20.8	516	25.0
18487	2500	283	6.55	314	8.38	344	10.2	371	12.0	396	13.7	417	15.6	440	17.5	460	19.5	481	21.7	520	26.0
19226	2600	289	7.02	320	9.00	350	10.8	376	12.7	401	14.5	422	16.5	445	18.3	464	20.4	485	22.6	523	27.1
19966	2700	294	7.63	325	9.66	355	11.4	380	13.5	405	15.3	426	17.3	449	19.3	467	21.3	488	23.5	526	28.0
20705	2800	300	8.24	331	10.2	360	12.2	385	14.3	410	16.2	431	18.2	454	20.2	471	22.3	492	24.5	530	29.0
21445	2900	306	8.85	337	10.9	365	13.0	390	15.1	415	17.1	437	19.2	459	21.2	475	23.4	497	25.6	534	30.3
22184	3000	313	9.47	343	11.6	370	13.8	395	16.0	420	18.1	443	20.2	463	22.1	479	24.5	502	26.9	538	31.5
23663	3200	325	10.7	355	13.0	380	15.5	406	17.8	428	20.3	450	22.4	471	24.9	489	26.9	509	29.1	546	33.9
25142	3400	337	12.3	365	14.7	392	17.4	416	19.8	437	22.4	460	24.4	479	27.1	499	29.5	517	31.8	553	36.5
26621	3600	350	13.9	377	16.5	403	19.3	427	21.8	448	24.7	468	27.1	490	29.4	508	32.3	526	34.3	561	39.6
28100	3800	364	15.7	390	18.3	415	21.4	438	23.9	460	27.1	479	29.7	500	32.0	519	35.1	536	37.4	570	43.0
29579	4000	378	17.7	402	20.3	427	23.7	449	26.4	470	29.5	489	32.5	511	35.0	529	38.0	546	40.9	580	46.3
31058	4200	391	19.8	415	22.8	439	26.1	461	29.1	481	32.2	499	35.5	522	38.1	539	41.3	556	44.6	589	49.9
32537	4400	405	22.2	429	25.5	452	28.8	474	32.0	493	35.0	511	38.4	533	41.4	549	44.7	566	48.0	598	54.2
34016	4600	419	24.9	443	28.3	464	31.7	484	35.1	505	38.3	523	41.7	544	44.8	560	48.0	577	51.8	608	58.4
35495	4800	433	27.7	456	30.9	477	34.8	496	38.2	516	42.0	535	45.2	555	48.5	570	51.8	588	56.0	618	62.6
36974	5000	447	30.6	470	33.9	490	38.1	508	41.4	530	45.7	546	49.5	566	52.3	580	55.6	599	60.3	630	67.8
38452	5200	461	33.7	484	37.8	503	41.5	521	45.7	542	49.5	557	53.7	577	56.0	591	59.8	611	64.5	640	72.5
39931	5400	474	36.9	498	41.9	516	45.0	535	49.0	554	53.2	569	57.5	588	60.8	602	64.5	622	69.2	650	77.2
41410	5600	488	40.6	512	45.6	529	49.0	549	53.2	566	57.5	582	61.7	599	65.9	613	69.2	634	73.9	661	82.0
42889	5800	502	44.8	525	49.0	542	53.2	562	57.9	578	62.2	599	66.4	612	70.7	624	74.4	645	79.1	673	87.1
44368	6000	516	49.5	538	52.3	555	57.9	576	63.6	591	66.9	618	71.6	626	75.8	636	80.5	656	84.8	685	92.8

CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
19226	2600	557	31.6	595	36.0	623	40.6	657	45.5	689	50.4	715	55.1								
19966	2700	560	32.7	596	37.4	625	42.1	659	46.7	690	51.8	716	56.5	744	61.7						
20705	2800	564	34.0	598	38.9	626	43.6	661	48.5	691	53.2	718	58.4	745	63.6	774	69.2				
21445	2900	567	35.2	601	40.3	629	45.0	663	50.4	692	55.1	720	60.3	746	65.5	775	70.7	800	76.3		
22184	3000	571	36.4	604	41.7	632	47.0	666	52.8	694	57.0	723	62.6	747	67.8	777	73.0	801	78.7	825	84.3
23663	3200	578	39.1	610	44.5	638	49.9	670	55.1	696	60.8	727	66.9	751	72.1	779	77.7	803	82.9	829	88.5
25142	3400	586	41.9	617	47.1	645	52.8	676	58.9	701	64.5	731	70.7	756	77.2	784	82.4	807	88.1	835	94.2
26621	3600	595	45.1	623	50.9	653	56.0	682	62.6	708	68.8	736	74.9	762	81.0	789	87.1	812	93.3	839	99.9
28100	3800	603	48.5	631	54.2	662	60.3	689	66.4	715	72.5	742	79.1	768	85.7	795	91.8	817	98.4	843	106
29579	4000	612	52.3	640	57.9	671	64.5	697	70.7	723	76.8	750	83.4	774	90.0	800	97.0	822	104	847	110
31058	4200	622	56.0	649	62.6	680	68.8	705	74.4	731	81.0	757	87.6	782	94.7	806	102	827	109	852	116
32537	4400	631	60.3	659	66.9	688	73.0	715	79.6	739	86.2	765	93.3	790	99.9	813	106	834	114	857	122
34016	4600	641	65.0	668	71.1	697	77.7	724	84.8	748	91.8	774	98.0	798	105	820	112	842	120	865	127
35495	4800	650	69.7	679	76.3	706	82.9	733	90.0	757	97.5	783	103	806	110	827	118	850	126	873	132
36974	5000	659	74.4	689	81.5	715	88.5	742	95.6	766	103	792	109	814	117	834	124	859	132	881	139
38452	5200	668	79.1	700	86.2	724	94.2	751	101	775	108	801	115	823	124	844	131	868	139	889	147
39931	5400	678	84.3	710	91.4	733	99.9	761	107	785	114	810	122	832	130	853	138	876	147	898	155
41410	5600	688	90.0	720	97.0	742	106	770	114	795	121	820	129	841	138	863	145	885	154	907	163
42889	5800	700	95.6	730	103	751	112	780	121	804	128	829	137	850	146	873	153	894	162	916	171
44368	6000	712	101	740	109	762	119	790	128	814	135	839	145	859	153	885	162	903	170	924	180
45847	6200	724	107	751	116	774	126	800	135	824	143	849	153	869	162	892	170	911	178	933	189
47326	6400	736	114	761	124	785	133	811	142	833	150	858	162	878	169	900	179	921	187	941	198
48805	6600	747	122	772	132	796	140	822	150	845	158	867	170	887	177	909	187	930	195	950	207
50284	6800	758	128	784	140	808	147	833	158	855	166	875	179	897	186	920	195	940	205	959	217
51763	7000	769	135	796	148	819	155	843	167	865	175	884	191	907	197	932	204	950	214	969	227



SHROUDED WHEEL

TYPE XS



SIZE 41

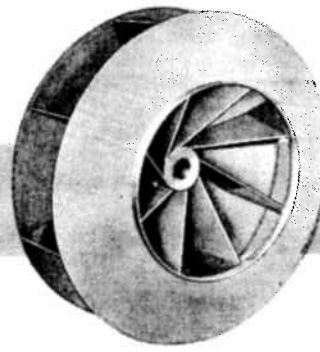
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
23594	2600	503	38.7	537	44.2	562	49.8	593	55.8	622	61.8	646	67.6								
24501	2700	505	40.2	537	46.0	564	51.7	594	57.3	622	63.6	646	69.4	671	75.7						
25409	2800	509	41.7	540	47.7	565	53.5	597	59.5	623	65.3	648	71.7	672	78.0	699	85.0				
26316	2900	512	43.2	542	49.4	567	55.3	599	61.8	624	67.6	650	74.0	673	80.3	700	86.7	722	93.6		
27224	3000	515	44.6	545	51.2	570	57.7	601	64.7	626	69.9	652	76.9	674	83.2	701	89.6	723	96.5	745	103
29039	3200	522	48.0	551	54.6	576	61.3	605	67.6	628	74.6	656	82.1	678	88.4	703	95.4	725	101	748	108
30854	3400	529	51.4	557	57.8	582	64.7	610	72.3	632	79.2	660	86.7	682	94.8	708	101	728	108	754	115
32669	3600	537	55.4	562	62.4	589	68.8	616	76.9	639	84.4	664	91.9	687	99.4	712	106	733	114	757	122
34483	3800	545	59.5	569	66.5	597	74.0	622	81.5	646	89.0	670	97.1	693	105	717	112	737	120	760	130
36298	4000	552	64.2	577	71.1	605	79.2	629	86.7	653	94.2	676	102	699	110	722	119	742	127	765	135
38113	4200	561	68.8	586	76.9	613	84.4	636	91.3	660	99.4	683	107	706	116	728	125	747	134	769	143
39928	4400	569	74.0	595	82.1	621	89.6	645	97.7	667	105	691	114	713	122	734	131	752	140	774	149
41743	4600	578	79.8	603	87.3	629	95.4	653	104	675	112	698	120	720	129	740	137	760	147	780	156
43558	4800	587	85.5	612	93.6	637	101	661	110	683	119	706	127	727	135	746	145	767	154	788	163
45373	5000	595	91.3	622	100	645	108	670	117	691	126	715	134	735	144	753	153	775	163	795	171
47188	5200	603	97.1	631	105	654	115	678	124	700	133	723	142	743	152	761	161	783	171	802	180
49003	5400	612	103	641	112	661	122	686	132	708	141	731	150	750	160	770	169	791	180	810	190
50818	5600	621	110	650	119	670	130	695	139	717	149	740	159	759	169	779	178	799	189	818	200
52633	5800	631	117	659	126	678	138	704	148	726	157	748	168	767	179	788	188	807	199	826	211
54448	6000	642	124	668	134	688	146	713	157	735	166	757	178	775	188	799	198	815	209	834	219
56263	6200	653	131	678	143	698	155	722	165	743	175	766	188	784	198	805	209	822	219	842	232
58077	6400	664	141	686	152	708	164	732	175	752	185	774	198	792	208	812	219	831	229	849	243
59892	6600	674	150	697	162	718	172	742	185	763	194	782	209	801	217	820	230	839	240	857	254
61707	6800	684	157	707	172	729	181	751	194	771	204	790	219	810	228	830	240	848	252	865	266
63522	7000	694	166	718	182	739	190	761	205	780	215	798	234	818	242	841	250	857	263	874	279



INDUSTRIAL FAN

WHEEL DIA. 78 1/4"
OUTLET AREA 10.96 SQ FT
INLET DIA. 45"
INLET AREA 10.68 SQ FT

SHROUDED WHEEL
TYPE XS



SIZE 45

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
17509	1600	193	4.60	225	6.27	251	8.22	276	10.2	299	12.3	320	14.4	342	16.5	363	19.8	384	24.6	416	31.0
18603	1700	197	5.02	227	6.76	254	8.71	278	10.9	301	13.1	322	15.3	343	17.4	363	20.9	389	28.2	420	33.9
19697	1800	201	5.44	231	7.32	256	9.41	280	11.6	302	13.9	324	16.2	345	18.5	364	22.0	393	30.8	424	37.0
20792	1900	205	5.92	234	7.95	259	10.0	283	12.3	305	14.6	326	17.1	346	19.5	364	23.1	385	25.6	416	31.0
21886	2000	210	6.48	238	8.57	263	10.7	287	13.0	308	15.4	329	18.0	348	20.5	365	23.1	385	25.6	416	31.0
22980	2100	215	7.04	242	9.27	267	11.6	290	13.8	312	16.2	332	18.9	350	21.6	366	24.3	387	27.0	418	32.4
24074	2200	219	7.67	246	10.0	271	12.3	294	14.7	315	17.1	334	19.8	352	22.6	369	25.4	389	28.2	420	33.9
25169	2300	224	8.29	250	10.8	275	13.2	298	15.7	318	18.1	337	20.8	356	23.6	372	26.6	391	29.6	422	35.5
26263	2400	228	8.99	254	11.6	279	14.1	301	16.7	322	19.2	340	21.9	359	24.6	375	27.7	393	30.8	424	37.0
27357	2500	233	9.69	258	12.4	283	15.1	305	17.7	326	20.2	343	23.1	362	25.9	378	28.9	396	32.1	427	38.5
28452	2600	237	10.4	263	13.3	288	16.0	309	18.8	329	21.4	347	24.4	366	27.1	381	30.2	398	33.4	430	40.1
29546	2700	242	11.3	267	14.3	292	16.9	313	19.9	333	22.7	351	25.6	370	28.5	384	31.5	401	34.7	433	41.5
30640	2800	246	12.2	272	15.1	296	18.1	316	21.1	337	24.0	355	26.9	373	29.9	387	33.0	405	36.2	436	42.9
31734	2900	252	13.1	277	16.2	300	19.3	321	22.4	341	25.4	359	28.4	377	31.4	391	34.6	409	37.9	439	44.8
32829	3000	257	14.0	282	17.2	304	20.4	325	23.7	345	26.8	364	29.9	381	32.8	394	36.3	413	39.8	442	46.6
35017	3200	267	15.9	291	19.2	313	22.9	334	26.5	352	30.0	370	33.2	387	36.8	402	39.9	418	43.1	449	50.2
37206	3400	277	18.2	300	21.7	322	25.7	342	29.3	359	33.1	378	36.2	394	40.1	410	43.7	425	47.0	455	54.1
39394	3600	288	20.6	310	24.4	332	28.6	351	32.3	368	36.5	385	40.1	402	43.5	418	47.7	433	50.7	462	58.5
41583	3800	299	23.3	320	27.1	341	31.7	360	35.4	378	40.1	394	44.0	411	47.4	426	51.9	441	55.4	468	63.6
43772	4000	311	26.2	330	30.0	351	35.1	370	39.0	387	43.7	402	48.2	420	51.9	435	56.2	449	60.6	477	68.6
45960	4200	322	29.3	341	33.8	361	38.7	379	43.1	396	47.7	410	52.5	429	56.3	443	61.1	457	65.9	484	73.9
48149	4400	333	32.8	352	37.8	371	42.7	390	47.4	406	51.9	420	56.9	438	61.3	451	66.1	465	71.1	492	80.2
50337	4600	345	36.8	364	41.8	382	46.8	398	51.9	415	56.7	430	61.7	447	66.4	460	71.1	475	76.7	500	86.4
52526	4800	356	41.0	375	45.7	392	51.5	407	56.5	424	62.2	440	66.9	456	71.8	468	76.7	484	82.9	508	92.7
54715	5000	368	45.3	387	50.2	402	56.4	418	61.3	436	67.6	449	73.2	465	77.4	477	82.2	493	89.2	518	100
56903	5200	379	49.9	398	55.9	413	61.4	428	67.7	445	73.2	458	79.5	475	82.9	485	88.5	502	95.5	526	107
59092	5400	390	54.6	409	62.0	424	66.6	440	72.5	455	78.8	468	85.0	484	89.9	495	95.5	512	102	534	114
61280	5600	401	60.0	421	67.5	435	72.5	451	78.8	465	85.0	478	91.3	493	97.6	504	102	521	109	543	121
63469	5800	413	66.3	432	72.5	446	78.8	462	85.7	475	92.0	492	98.3	503	104	513	110	531	117	553	128
65657	6000	424	73.2	443	77.4	456	85.7	474	94.1	486	99.0	508	105	515	112	523	119	540	125	563	137

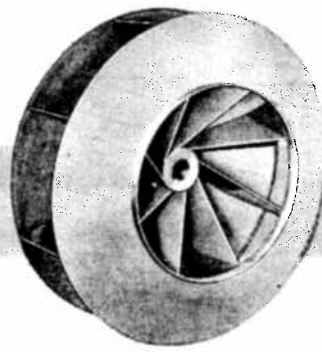
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
28452	2600	458	46.7	489	53.3	512	60.1	540	67.3	567	74.6	588	81.5	611	91.3	637	102	658	112	678	124
29546	2700	460	48.4	490	55.4	514	62.3	542	69.1	567	76.7	589	83.6	612	94.1	637	102	658	112	678	124
30640	2800	464	50.3	492	57.5	515	64.5	543	71.8	568	78.8	590	86.4	612	94.1	637	102	658	112	678	124
31734	2900	467	52.1	494	59.6	517	66.6	545	74.6	569	81.5	592	89.2	613	96.9	637	104	658	112	678	124
32829	3000	470	53.8	497	61.7	519	69.6	547	78.1	570	84.3	594	92.7	614	100	639	108	658	116	678	124
35017	3200	475	57.9	502	65.8	525	73.9	551	81.5	572	89.9	598	99.0	618	106	641	115	660	122	682	131
37206	3400	482	62.0	507	69.7	531	78.1	556	87.1	576	95.5	601	104	622	114	645	122	663	130	687	139
39394	3600	489	66.8	512	75.3	537	82.9	561	92.7	582	101	605	110	626	119	649	128	667	138	690	147
41583	3800	496	71.8	518	80.2	544	89.2	567	98.3	588	107	610	117	631	126	653	135	672	145	693	157
43772	4000	503	77.4	526	85.7	551	95.5	573	104	595	113	616	123	637	133	658	143	676	154	697	163
45960	4200	511	82.9	534	92.7	559	101	580	110	601	119	623	129	643	140	663	151	680	161	700	172
48149	4400	518	89.2	542	99.0	566	108	587	117	608	127	629	138	650	147	669	158	686	167	705	180
50337	4600	527	96.2	550	105	573	115	595	125	615	135	636	145	656	156	674	165	692	177	711	188
52526	4800	534	103	558	112	580	122	603	133	622	144	644	153	662	163	680	174	699	186	718	196
54715	5000	542	110	566	120	588	131	610	141	630	152	651	161	669	174	686	184	706	196	724	207
56903	5200	550	117	575	127	595	139	618	150	637	161	659	171	677	184	694	194	713	206	731	217
59092	5400	558	124	584	135	603	147	625	159	645	170	666	181	684	193	701	204	720	217	738	229
61280	5600	566	133	592	143	610	156	633	168	653	179	674	191	691	204	709	215	728	228	745	241
63469	5800	575	141	600	152	618	166	641	179	661	190	682	202	699	216	718	227	735	240	753	254
65657	6000	585	149	609	162	627	177	650	189	669	200	690	214	706	227	728	239	742	252	760	267
67846	6200	595	158	617	172	636	187	658	200	677	211	698	227	714	239	734	252	749	264	767	280
70035	6400	605	170	625	184	645	197	667	211	685	223	705	239	722	250	740	264	757	276	774	294
72223	6600	614	181	635	195	655	208	676	223	695	234	713	252	730	262	747	277	764	290	781	307
74412	6800	623	190	644	207	664	218	684	234	703	246	720	264	738	276	756	290	772	303	788	321
76600	7000	632	200	654	220	673	230	693	247	711	259	727	283	745	292	766	302	781	317	797	336



INDUSTRIAL FAN

WHEEL DIA. 85 1/4"
OUTLET AREA 13.01 SQ FT
INLET DIA. 49"
INLET AREA 12.70 SQ FT

SHROUDED WHEEL
TYPE XS



SIZE 49

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
20799	1600	177	5.46	206	7.45	230	9.77	253	12.2	275	14.7	294	17.1	313	19.6						
22099	1700	181	5.96	209	8.03	232	10.4	255	12.9	276	15.6	295	18.1	315	20.7	333	23.5				
23399	1800	185	6.46	212	8.69	235	11.2	257	13.7	277	16.5	297	19.2	316	21.9	333	24.8				
24699	1900	188	7.04	215	9.44	238	11.9	260	14.6	280	17.4	299	20.3	318	23.2	334	26.1	352	29.2		
25999	2000	193	7.70	219	10.2	241	12.8	263	15.5	283	18.3	302	21.4	319	24.3	335	27.4	353	30.5	382	36.8
27299	2100	197	8.36	222	11.0	245	13.7	266	16.4	286	19.3	304	22.4	321	25.7	336	28.8	355	32.0	383	38.5
28599	2200	201	9.11	226	11.9	248	14.7	269	17.5	288	20.4	306	23.5	323	26.8	338	30.1	357	33.5	385	40.2
29899	2300	205	9.85	229	12.8	252	15.6	273	18.6	292	21.5	309	24.7	326	28.0	341	31.5	358	35.1	387	42.1
31199	2400	209	10.7	233	13.7	256	16.8	276	19.8	295	22.8	312	26.0	329	29.2	344	33.0	360	36.6	389	44.0
32499	2500	213	11.5	237	14.7	260	17.9	280	21.0	299	24.0	314	27.4	332	30.7	347	34.4	363	38.1	392	45.8
33799	2600	218	12.3	241	15.8	264	19.0	283	22.4	302	25.4	318	29.0	335	32.2	350	35.9	365	39.7	394	47.6
35099	2700	222	13.4	245	17.0	268	20.1	287	23.7	305	26.9	321	30.5	339	33.9	352	37.4	368	41.2	397	49.3
36399	2800	226	14.5	249	18.0	271	21.5	290	25.1	309	28.5	325	32.0	342	35.5	355	39.2	371	43.1	400	51.0
37699	2900	231	15.6	254	19.2	275	22.9	294	26.6	313	30.1	329	33.8	346	37.3	358	41.2	375	45.0	402	53.2
38999	3000	236	16.6	258	20.5	279	24.3	298	28.2	316	31.9	334	35.5	349	38.9	361	43.1	378	47.3	406	55.3
41599	3200	245	18.9	267	22.8	287	27.2	306	31.5	322	35.6	339	39.4	355	43.7	369	47.4	384	51.2	411	59.6
44199	3400	254	21.6	275	25.8	295	30.6	314	34.9	329	39.3	347	43.0	361	47.7	376	51.9	390	55.9	417	64.3
46799	3600	264	24.5	284	29.0	304	33.9	322	38.3	338	43.4	353	47.6	369	51.7	383	56.7	397	60.3	423	69.6
49398	3800	275	27.7	294	32.2	313	37.7	330	42.1	347	47.6	361	52.2	377	56.3	391	61.7	404	65.8	430	75.5
51998	4000	285	31.1	303	35.6	322	41.7	339	46.4	354	51.9	368	57.2	385	61.6	399	66.8	411	72.0	437	81.5
54598	4200	295	34.9	313	40.2	331	46.0	347	51.2	363	56.6	376	62.3	393	66.9	406	72.5	419	78.3	444	87.8
57198	4400	305	39.0	323	44.9	341	50.7	357	56.3	372	61.6	385	67.6	402	72.9	414	78.6	427	84.5	451	95.2
59798	4600	316	43.7	334	49.7	350	55.6	365	61.7	381	67.4	394	73.3	410	78.8	422	84.5	435	91.1	458	102
62398	4800	326	48.7	344	54.2	359	61.2	374	67.2	389	73.9	403	79.5	418	85.3	430	91.1	443	98.5	466	110
64998	5000	337	53.8	354	59.6	369	67.0	383	72.9	400	80.3	412	86.9	427	91.9	437	97.7	452	106	475	119
67598	5200	348	59.3	365	66.4	379	72.9	393	80.4	408	86.9	420	94.4	435	98.5	445	105	460	113	482	127
70198	5400	358	64.9	375	73.7	389	79.1	403	86.1	417	93.6	429	101	443	106	453	113	469	121	490	135
72798	5600	368	71.3	386	80.2	399	86.1	414	93.6	426	101	439	108	452	115	462	121	478	130	498	144
75398	5800	378	78.7	396	86.1	409	93.6	424	101	436	109	451	116	461	124	471	130	487	139	507	153
77998	6000	389	86.9	406	91.9	418	101	434	111	445	117	466	125	472	133	480	141	495	149	516	163

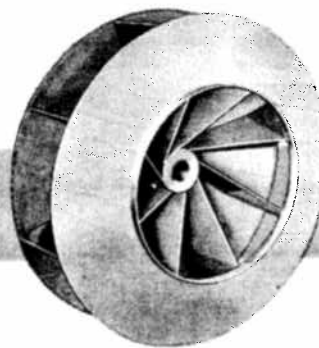
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
33799	2600	420	55.5	448	63.3	470	71.4	495	79.9	520	88.6	539	96.9								
35099	2700	422	57.5	449	65.8	471	74.0	497	82.1	520	91.1	540	99.4	561	108						
36399	2800	425	59.7	451	68.3	472	76.6	498	85.3	521	93.6	541	102	561	111	584	121				
37699	2900	428	61.9	453	70.8	474	79.2	500	88.6	522	96.9	543	106	562	115	584	124	603	134		
38999	3000	431	63.9	456	73.3	476	82.6	502	92.7	523	100	545	110	563	119	586	128	604	138	622	148
41599	3200	436	68.7	460	78.2	481	87.8	505	96.9	525	106	548	117	566	126	587	136	605	145	625	155
44199	3400	442	73.6	465	82.8	487	92.7	509	103	528	113	551	124	570	135	591	144	608	154	630	165
46799	3600	448	79.3	470	89.4	492	98.5	514	110	533	120	555	131	574	142	595	153	612	163	632	175
49398	3800	455	85.3	475	95.2	499	106	520	116	539	127	559	139	579	150	599	161	616	173	635	187
51998	4000	461	91.9	482	101	506	113	525	124	545	135	565	146	584	158	603	170	620	183	639	194
54598	4200	469	98.5	489	110	512	120	532	130	551	142	571	154	590	166	608	179	624	192	642	205
57198	4400	475	106	497	117	519	128	539	139	557	151	577	163	596	175	613	188	629	201	646	214
59798	4600	483	114	504	125	525	136	546	149	564	161	583	172	602	185	618	197	635	211	652	223
62398	4800	490	122	512	134	532	145	553	158	570	171	590	182	607	194	623	207	641	221	658	233
64998	5000	497	130	519	143	539	155	559	168	577	181	597	192	614	207	629	219	647	233	664	245
67598	5200	504	139	528	151	546	165	566	178	584	191	604	203	620	218	636	231	654	245	670	258
70198	5400	511	148	535	160	553	175	573	189	592	202	611	215	627	230	643	243	661	258	677	272
72798	5600	519	158	543	170	559	186	580	200	599	213	618	227	634	243	651	255	667	271	684	286
75398	5800	528	168	550	181	566	197	588	212	606	226	625	240	641	256	658	269	674	285	690	302
77998	6000	537	178	558	192	575	210	596	225	614	238	632	255	648	269	667	284	680	299	697	318
80598	6200	546	188	566	205	583	222	603	237	621	251	640	269	655	284	673	299	687	313	703	333
83197	6400	555	202	573	218	591	235	612	250	628	265	647	284	662	298	678	314	694	328	710	349
85797	6600	563	216	582	232	600	247	620	265	637	279	653	299	669	312	685	329	701	344	716	365
88397	6800	572	226	591	246	609	260	628	279	644	293	660	314	676	327	694	344	708	361	723	381
90997	7000	580	238	600	261	618	273	636	293	652	308	667	336	684	346	702	359	716	377	730	399



INDUSTRIAL FAN

WHEEL DIA. 93 3/4"
OUTLET AREA 15.7 SQ FT
INLET DIA. 54"
INLET AREA 15.5 SQ FT

SHROUDED WHEEL
TYPE XS



SIZE 54

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
25120	1600	161	6.6	188	9.0	209	11.8	231	14.7	250	17.7	267	20.6	285	23.7						
26690	1700	164	7.2	190	9.7	212	12.5	232	15.6	251	18.8	269	21.9	287	25.0	303	28.4				
28260	1800	168	7.8	193	10.5	214	13.5	234	16.6	252	19.9	270	23.2	288	26.5	303	30.0				
29830	1900	171	8.5	195	11.4	216	14.4	237	17.6	255	21.0	272	24.5	289	28.0	304	31.5	320	35.3		
31400	2000	175	9.3	199	12.3	220	15.4	239	18.7	257	22.1	275	25.8	291	29.4	305	33.1	321	36.8	347	44.5
32970	2100	179	10.1	202	13.3	223	16.6	242	19.8	260	23.3	277	27.1	292	31.0	306	34.8	323	38.7	349	46.5
34540	2200	183	11.0	205	14.4	226	17.7	245	21.1	263	24.6	279	28.4	294	32.4	308	36.4	325	40.5	350	48.6
36110	2300	187	11.9	208	15.5	229	18.9	248	22.5	265	26.0	281	29.8	297	33.8	311	38.1	326	42.4	352	50.9
37680	2400	190	12.9	212	16.6	233	20.3	251	23.9	269	27.5	284	31.4	300	35.3	313	39.8	328	44.2	354	53.1
39250	2500	194	13.9	216	17.8	236	21.6	255	25.4	272	29.0	286	33.1	302	37.1	316	41.5	330	46.0	356	55.3
40820	2600	198	14.9	220	19.1	240	22.9	258	27.0	275	30.7	289	35.0	305	38.9	318	43.3	332	47.9	359	57.5
42390	2700	202	16.2	223	20.5	244	24.3	261	28.6	278	32.5	293	36.8	308	40.9	321	45.2	335	49.8	361	59.5
43960	2800	206	17.5	227	21.7	247	26.0	264	30.3	281	34.4	296	38.6	312	42.9	323	47.4	338	52.0	364	61.6
45530	2900	210	18.8	231	23.2	251	27.7	268	32.1	285	36.4	300	40.8	315	45.0	326	49.7	341	54.4	366	64.3
47100	3000	215	20.1	235	24.7	254	29.3	271	34.0	288	38.5	304	42.9	318	47.0	329	52.1	344	57.1	369	66.8
50240	3200	223	22.8	243	27.5	261	32.9	278	38.0	294	43.0	309	47.6	323	52.8	336	57.2	349	61.8	374	72.0
53380	3400	232	26.1	251	31.2	269	36.9	286	42.1	300	47.5	316	51.9	329	57.6	342	62.7	355	67.5	380	77.6
56520	3600	240	29.6	259	35.0	277	41.0	293	46.3	307	52.4	321	57.5	336	62.4	349	68.5	361	72.8	385	84.0
59660	3800	250	33.4	267	38.9	285	45.5	301	50.8	316	57.5	329	63.1	343	68.0	356	74.5	368	79.5	391	91.2
62800	4000	259	37.6	275	43.0	293	50.4	308	56.0	323	62.7	335	69.1	350	74.4	363	80.7	374	86.9	398	98.4
65940	4200	269	42.1	285	48.5	301	55.5	316	61.8	330	68.3	343	75.3	358	80.8	370	87.6	381	94.6	404	106
69080	4400	278	47.1	294	54.2	310	61.2	325	68.0	338	74.4	350	81.6	366	88.0	377	94.9	388	102	411	115
72220	4600	288	52.8	304	60.0	319	67.2	332	74.5	346	81.4	359	88.5	373	95.2	384	102	396	110	417	124
75360	4800	297	58.8	313	65.5	327	73.9	340	81.1	354	89.2	367	96.0	381	103	391	110	404	119	424	133
78500	5000	307	65.0	323	72.0	336	80.9	349	88.0	364	97.0	375	105	388	111	398	118	411	128	432	144
81640	5200	316	71.6	332	80.2	345	88.1	357	97.1	372	105	382	114	396	119	405	127	419	137	439	154
84780	5400	325	78.4	342	89.0	354	95.5	367	104	380	113	390	122	404	129	413	137	427	147	446	164
87920	5600	335	86.1	351	96.9	363	104	376	113	388	122	399	131	411	140	420	147	435	157	454	174
91060	5800	344	95.1	360	104	372	113	386	123	397	132	411	141	420	150	428	158	443	168	462	185
94200	6000	354	105	369	111	381	123	395	135	405	142	424	152	430	161	436	171	450	180	470	197

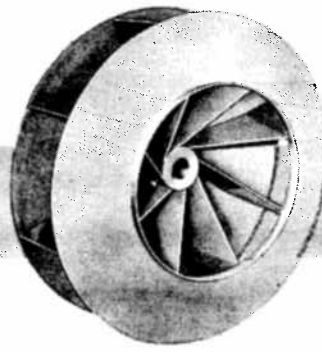
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
40820	2600	382	67.0	408	76.5	428	86.2	451	96.5	473	107	491	117								
42390	2700	384	69.5	409	79.5	429	89.4	452	99.1	473	110	492	120	510	131						
43960	2800	387	72.1	411	82.5	430	92.5	454	103	474	113	492	124	511	135	531	147				
45530	2900	389	74.7	412	85.5	431	95.6	455	107	475	117	494	128	512	139	532	150	549	162		
47100	3000	392	77.2	415	88.5	433	99.8	457	112	476	121	496	133	512	144	533	155	549	167	566	179
50240	3200	397	83.0	419	94.4	438	106	460	117	478	129	499	142	516	153	535	165	551	176	569	188
53380	3400	402	88.9	423	100	443	112	464	125	481	137	502	150	519	164	538	175	554	187	573	200
56520	3600	408	95.8	428	108	448	119	468	133	486	146	505	159	523	172	542	185	557	198	576	212
59660	3800	414	103	433	115	454	128	473	141	491	154	509	168	527	182	545	195	560	209	578	226
62800	4000	420	111	439	123	460	137	478	150	496	163	514	177	531	191	549	206	564	221	581	235
65940	4200	427	119	445	133	466	146	484	158	502	172	520	186	537	201	553	217	568	232	585	248
69080	4400	433	128	452	142	472	155	490	169	507	183	525	198	542	212	558	227	572	243	588	259
72220	4600	440	138	459	151	478	165	497	180	513	195	531	208	548	224	562	238	578	255	593	270
75360	4800	446	148	466	162	484	176	503	191	519	207	537	220	553	235	567	251	583	268	599	282
78500	5000	452	158	473	173	491	188	509	203	525	219	543	232	559	250	573	265	589	282	604	297
81640	5200	459	168	480	183	497	200	516	216	532	231	550	246	565	264	579	279	595	296	610	312
84780	5400	465	179	487	194	503	212	522	229	539	244	556	260	571	278	585	294	601	312	616	329
87920	5600	472	191	494	206	509	225	528	242	545	258	562	275	577	294	592	309	607	328	622	346
91060	5800	480	203	501	219	516	239	535	257	552	273	569	291	583	310	599	326	613	345	628	365
94200	6000	488	215	508	233	523	254	542	272	559	288	576	308	590	326	607	344	619	362	634	384
97340	6200	497	228	515	248	531	269	549	287	565	304	582	326	596	344	612	362	625	379	640	403
100480	6400	505	244	522	264	538	284	557	303	572	320	589	344	603	360	617	380	632	397	646	422
103620	6600	513	261	530	281	546	299	564	320	580	337	595	362	609	377	624	398	638	416	652	441
106760	6800	520	273	538	298	554	314	571	337	586	354	601	380	616	396	631	416	645	436	658	461
109900	7000	528	288	546	316	562	330	579	355	593	372	607	406	622	419	639	434	652	456	665	483



INDUSTRIAL FAN

WHEEL DIA. 104 1/4"
OUTLET AREA 19.5 SQ FT
INLET DIA. 60"
INLET AREA 19.2 SQ FT

SHROUDED WHEEL
TYPE XS



SIZE 60

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
31073	1600	145	8.16	168	11.1	188	14.6	207	18.2	224	21.9	240	25.5	256	29.3						
33016	1700	148	8.91	170	12.0	190	15.5	208	19.3	225	23.3	241	27.1	257	30.9	272	35.1				
34958	1800	151	9.65	173	13.0	192	16.7	210	20.5	227	24.6	243	28.7	258	32.8	272	37.1				
36900	1900	154	10.5	176	14.1	194	17.8	212	21.8	229	26.0	245	30.3	260	34.6	273	39.0	287	43.7		
38842	2000	157	11.5	179	15.2	197	19.0	215	23.1	231	27.3	247	31.9	261	36.4	273	40.9	289	45.5	312	55.0
40784	2100	161	12.5	181	16.5	200	20.5	217	24.5	233	28.8	249	33.5	262	38.3	275	43.0	290	47.9	313	57.5
42726	2200	164	13.6	184	17.8	203	21.9	220	26.1	236	30.4	250	35.1	264	40.1	277	45.0	291	50.1	315	60.1
44668	2300	168	14.7	187	19.2	206	23.4	223	27.8	238	32.2	252	36.9	266	41.8	279	47.1	293	52.4	316	63.0
46610	2400	171	16.0	190	20.5	209	25.1	226	29.6	241	34.0	255	38.8	269	43.7	281	49.2	295	54.7	318	65.7
48552	2500	174	17.2	194	22.0	212	26.7	229	31.4	244	35.9	257	40.9	271	45.9	283	51.3	296	56.9	320	68.4
50494	2600	178	18.4	197	23.6	216	28.3	231	33.4	247	38.0	260	43.3	274	48.1	286	53.6	298	59.3	322	71.1
52436	2700	181	20.0	200	25.4	219	30.1	234	35.4	250	40.2	263	45.5	277	50.6	288	55.9	301	61.6	324	73.6
54379	2800	185	21.6	204	26.8	222	32.2	237	37.5	252	42.6	266	47.7	280	53.1	290	58.6	303	64.3	327	76.2
56321	2900	189	23.3	207	28.7	225	34.3	240	39.7	256	45.0	269	50.5	283	55.7	293	61.5	306	67.3	329	79.5
58263	3000	193	24.9	211	30.6	228	36.2	243	42.1	258	47.6	273	53.1	285	58.1	295	64.4	309	70.6	331	82.6
62147	3200	200	28.2	218	34.0	234	40.7	250	47.0	264	53.2	277	58.9	290	65.3	301	70.8	314	76.4	336	89.1
66031	3400	208	32.3	225	38.6	241	45.6	256	52.1	269	58.8	283	64.2	295	71.3	307	77.6	319	83.5	341	96.0
69915	3600	216	36.6	232	43.3	249	50.7	263	57.3	276	64.8	288	71.1	302	77.2	313	84.7	324	90.1	346	103
73799	3800	224	41.3	240	48.1	256	56.3	270	62.8	283	71.1	295	78.1	308	84.1	320	92.2	330	98.3	351	112
77684	4000	233	46.5	247	53.2	263	62.3	277	69.3	290	77.6	301	85.5	315	92.0	326	99.8	336	107	357	121
81568	4200	241	52.1	256	60.0	271	68.7	284	76.4	296	84.5	308	93.1	321	99.9	332	108	342	117	363	131
85452	4400	250	58.3	264	67.0	278	75.7	292	84.1	304	92.0	315	100	328	108	338	117	349	126	369	142
89336	4600	258	65.3	273	74.2	286	83.1	298	92.2	311	100	322	109	335	117	345	126	356	136	374	153
93220	4800	267	72.7	281	81.0	294	91.4	305	100	318	110	329	118	342	127	351	136	362	147	381	164
97105	5000	275	80.4	290	89.1	302	100	313	108	327	120	337	129	349	137	357	146	369	158	388	178
100989	5200	284	88.6	298	99.2	310	109	321	120	334	129	343	141	356	147	364	157	376	169	394	190
104873	5400	292	97.0	307	110	318	118	329	128	341	139	350	150	362	159	371	169	383	181	400	202
108757	5600	300	106	315	119	326	128	338	139	348	150	358	162	369	173	377	181	391	194	407	215
112641	5800	309	117	323	128	334	139	346	152	356	163	369	174	377	185	385	195	398	207	415	228
116525	6000	318	129	332	137	342	152	355	167	364	175	381	188	386	199	392	211	404	222	422	243

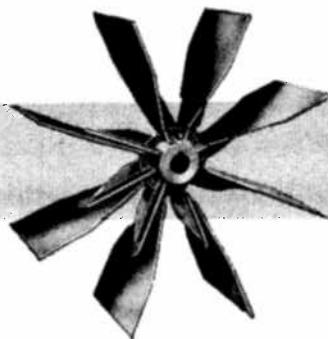
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
50494	2600	343	82.9	366	94.6	384	106	405	119	425	132	441	144								
52436	2700	345	86.0	367	98.3	385	110	406	122	425	136	441	148	458	162						
54379	2800	347	89.2	369	102	386	114	407	127	425	139	442	153	459	167	477	181				
56321	2900	350	92.4	370	105	387	118	409	132	426	144	444	158	460	171	478	185	493	200		
58263	3000	352	95.5	372	109	389	123	410	138	427	149	445	164	460	178	479	191	493	206	508	221
62147	3200	356	102	376	116	393	131	413	144	429	159	448	175	463	189	480	204	495	217	511	232
66031	3400	361	110	380	123	398	138	416	154	432	169	450	185	466	202	483	216	497	231	515	247
69915	3600	366	118	384	133	402	147	420	164	436	180	453	196	469	212	486	228	500	244	517	262
73799	3800	372	127	389	142	408	158	425	174	441	190	457	207	473	225	490	241	503	258	519	279
77684	4000	377	137	394	152	413	169	429	185	446	201	462	218	477	236	493	254	506	273	522	290
81568	4200	383	147	400	164	419	180	435	195	450	212	467	230	482	248	497	268	510	287	525	306
85452	4400	389	158	406	175	424	191	440	209	456	226	471	244	487	262	501	280	514	300	528	320
89336	4600	395	170	412	186	429	204	446	222	461	241	477	257	492	277	505	294	519	315	533	334
93220	4800	400	183	418	200	435	217	452	236	466	256	482	272	496	290	509	310	524	331	538	348
97105	5000	406	195	424	214	440	232	457	251	472	270	488	287	502	309	514	327	529	348	542	367
100989	5200	412	207	431	226	446	247	463	267	478	285	494	304	507	326	520	345	534	366	548	385
104873	5400	418	221	437	240	452	262	469	283	484	301	499	321	512	343	525	363	540	385	553	407
108757	5600	424	236	444	254	457	278	474	299	490	319	505	340	518	363	532	382	545	405	559	428
112641	5800	431	251	450	270	463	295	481	317	496	337	511	360	524	383	538	403	551	426	564	451
116525	6000	438	266	456	288	470	314	487	336	502	356	517	381	529	403	545	425	556	447	569	475
120410	6200	446	282	463	306	477	332	493	355	508	376	523	403	535	425	550	447	561	468	575	498
124294	6400	453	301	469	326	483	351	500	374	513	395	529	425	541	445	554	470	567	491	580	522
128178	6600	460	322	476	347	490	369	506	395	521	416	534	447	547	466	560	492	573	514	585	545
132062	6800	467	337	483	368	498	388	513	416	527	437	539	470	553	489	567	514	579	539	591	570
135946	7000	474	356	490	390	505	408	519	439	533	460	545	502	559	518	574	536	585	564	597	597



INDUSTRIAL FAN

WHEEL DIA. 19 1/8"
OUTLET AREA 0.66 SQ FT
INLET DIA. 11"
INLET AREA 0.63 SQ FT

OPEN WHEEL
TYPE XO



SIZE **11**

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1056	1600	800	.31	930	.45	1048	.60	1156	.74	1254	.87	1346	.99	1431	1.12	1512	1.26	1590	1.40	1733	1.71
1122	1700	816	.34	942	.48	1059	.64	1164	.79	1262	.94	1353	1.07	1438	1.20	1518	1.34	1595	1.49	1739	1.79
1188	1800	834	.37	955	.51	1069	.67	1173	.84	1270	1.00	1360	1.15	1445	1.29	1525	1.44	1601	1.58	1744	1.89
1254	1900	852	.41	970	.55	1080	.71	1183	.89	1278	1.07	1368	1.23	1452	1.39	1532	1.53	1607	1.68	1749	2.00
1320	2000	871	.44	986	.59	1092	.75	1194	.94	1288	1.13	1376	1.31	1460	1.48	1539	1.64	1614	1.79	1755	2.11
1386	2100	891	.49	1003	.64	1106	.80	1205	.98	1298	1.19	1385	1.38	1468	1.57	1547	1.74	1622	1.91	1762	2.24
1452	2200	911	.53	1020	.69	1121	.85	1216	1.03	1309	1.24	1395	1.45	1477	1.65	1555	1.84	1629	2.02	1769	2.37
1518	2300	933	.58	1038	.74	1137	.91	1230	1.09	1320	1.29	1406	1.52	1486	1.73	1563	1.94	1637	2.14	1776	2.51
1584	2400	954	.63	1057	.79	1154	.97	1244	1.15	1331	1.35	1416	1.58	1497	1.81	1573	2.03	1646	2.24	1784	2.65
1650	2500	976	.68	1076	.85	1171	1.03	1260	1.22	1344	1.42	1427	1.64	1507	1.88	1583	2.12	1655	2.35	1792	2.79
1716	2600	998	.74	1097	.92	1189	1.10	1276	1.29	1358	1.49	1439	1.71	1517	1.95	1593	2.21	1665	2.45	1800	2.92
1782	2700	1021	.80	1117	.98	1207	1.17	1293	1.37	1374	1.57	1452	1.79	1529	2.03	1603	2.28	1675	2.55	1809	3.04
1848	2800	1043	.86	1138	1.05	1226	1.24	1310	1.45	1390	1.66	1466	1.88	1541	2.11	1614	2.36	1685	2.64	1819	3.17
1914	2900	1066	.93	1160	1.13	1245	1.33	1328	1.53	1406	1.75	1481	1.97	1554	2.20	1626	2.45	1696	2.72	1829	3.29
1980	3000	1090	1.00	1182	1.20	1265	1.41	1346	1.62	1423	1.84	1497	2.07	1568	2.30	1638	2.55	1707	2.82	1839	3.40
2112	3200	1137	1.15	1225	1.37	1307	1.59	1384	1.81	1459	2.04	1530	2.28	1599	2.52	1666	2.76	1732	3.03	1866	3.60
2244	3400	1184	1.32	1271	1.56	1350	1.79	1425	2.02	1496	2.26	1565	2.51	1633	2.76	1697	3.01	1760	3.27	1883	3.84
2376	3600	1233	1.51	1317	1.76	1394	2.01	1467	2.25	1535	2.50	1602	2.75	1667	3.02	1731	3.28	1792	3.55	1910	4.12
2508	3800	1283	1.72	1364	1.98	1440	2.25	1510	2.50	1576	2.76	1640	3.02	1704	3.29	1765	3.58	1825	3.85	1940	4.43
2640	4000	1332	1.94	1411	2.22	1485	2.49	1553	2.77	1619	3.05	1681	3.32	1741	3.59	1801	3.88	1860	4.18	1972	4.77
2772	4200	1382	2.19	1459	2.48	1531	2.78	1598	3.07	1662	3.34	1723	3.64	1782	3.93	1839	4.21	1896	4.52	2006	5.14
2904	4400	1435	2.47	1508	2.76	1578	3.07	1644	3.37	1705	3.68	1766	3.98	1823	4.28	1878	4.58	1933	4.88	2040	5.53
3036	4600	1487	2.76	1558	3.08	1625	3.39	1689	3.72	1750	4.03	1809	4.33	1865	4.66	1920	4.97	1972	5.28	2077	5.94
3168	4800	1538	3.07	1607	3.40	1673	3.74	1736	4.07	1796	4.40	1852	4.73	1908	5.05	1961	5.39	2013	5.71	2114	6.37
3300	5000	1590	3.40	1657	3.75	1721	4.10	1783	4.46	1842	4.80	1898	5.15	1952	5.48	2005	5.83	2055	6.17	2152	6.85
3432	5200	1643	3.77	1708	4.15	1771	4.50	1830	4.86	1888	5.23	1943	5.57	1995	5.93	2047	6.28	2098	6.66	2194	7.36
3564	5400	1697	4.17	1760	4.56	1820	4.93	1878	5.30	1935	5.67	1989	6.05	2042	6.43	2091	6.78	2140	7.14	2235	7.89
3696	5600	1750	4.59	1812	5.00	1870	5.37	1926	5.76	1982	6.15	2035	6.55	2087	6.91	2136	7.31	2185	7.68	2277	8.46
3828	5800	1804	5.04	1864	5.46	1919	5.84	1977	6.26	2030	6.66	2082	7.05	2133	7.47	2182	7.87	2228	8.25	2320	9.05
3960	6000	1858	5.51	1915	5.95	1971	6.38	2026	6.80	2078	7.20	2129	7.62	2179	8.04	2227	8.43	2274	8.87	2363	9.65

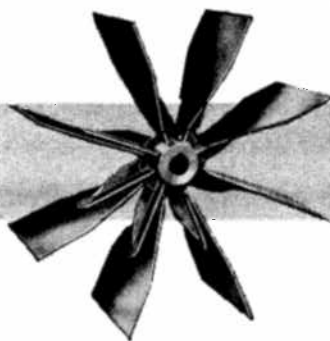
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1716	2600	1928	3.35	2047	3.76	2160	4.17	2267	4.59	2370	5.02	2469	5.46	2564	5.91	2656	6.40	2744	6.91	2830	7.43
1782	2700	1935	3.51	2055	3.96	2167	4.37	2274	4.80	2376	5.24	2475	5.69	2570	6.14	2661	6.61	2749	7.12	2835	7.65
1848	2800	1944	3.66	2062	4.13	2174	4.58	2281	5.02	2383	5.47	2481	5.92	2575	6.39	2667	6.86	2755	7.35	2840	7.87
1914	2900	1953	3.81	2070	4.32	2182	4.79	2288	5.25	2390	5.70	2487	6.17	2581	6.64	2672	7.12	2760	7.61	2846	8.12
1980	3000	1962	3.96	2079	4.49	2190	4.99	2296	5.49	2397	5.95	2494	6.42	2588	6.90	2678	7.39	2766	7.89	2851	8.40
2112	3200	1983	4.24	2097	4.83	2206	5.39	2311	5.93	2412	6.46	2508	6.96	2601	7.47	2691	7.97	2778	8.49	2862	9.01
2244	3400	2003	4.47	2117	5.15	2224	5.77	2328	6.37	2427	6.96	2523	7.51	2616	8.07	2705	8.59	2791	9.13	2875	9.67
2376	3600	2026	4.74	2138	5.42	2245	6.13	2346	6.79	2445	7.43	2539	8.07	2631	8.65	2720	9.25	2806	9.81	2889	10.3
2508	3800	2051	5.04	2160	5.71	2265	6.44	2367	7.19	2463	7.88	2557	8.57	2648	9.23	2736	9.88	2821	10.5	2904	11.1
2640	4000	2079	5.38	2184	6.04	2287	6.76	2387	7.53	2484	8.33	2576	9.06	2665	9.79	2752	10.4	2837	11.2	2920	11.8
2772	4200	2110	5.77	2212	6.42	2311	7.13	2409	7.89	2504	8.70	2597	9.55	2685	10.3	2770	11.0	2854	11.8	2936	12.5
2904	4400	2143	6.17	2242	6.84	2338	7.55	2433	8.29	2526	9.09	2617	9.94	2706	10.8	2791	11.6	2873	12.4	2953	13.2
3036	4600	2177	6.62	2274	7.30	2367	8.00	2459	8.75	2550	9.53	2639	10.3	2726	11.2	2811	12.1	2893	13.0	2973	13.8
3168	4800	2212	7.08	2307	7.78	2399	8.51	2488	9.25	2576	10.0	2663	10.8	2748	11.7	2832	12.6	2914	13.6	2993	14.5
3300	5000	2249	7.56	2342	8.31	2432	9.03	2519	9.79	2604	10.5	2689	11.3	2772	12.2	2854	13.1	2935	14.1	3014	15.0
3432	5200	2286	8.07	2378	8.84	2466	9.60	2552	10.3	2635	11.1	2717	11.9	2798	12.8	2878	13.7	2957	14.6	3035	15.6
3564	5400	2324	8.63	2414	9.39	2501	10.2	2585	10.9	2667	11.7	2747	12.6	2826	13.4	2904	14.3	2981	15.2	3058	16.2
3696	5600	2366	9.23	2452	9.98	2537	10.8	2620	11.6	2701	12.4	2779	13.3	2856	14.1	2932	15.0	3008	15.9	3082	16.9
3828	5800	2407	9.85	2490	10.6	2575	11.4	2656	12.3	2735	13.1	2812	14.0	2888	14.8	2962	15.7	3036	16.6	3108	17.6
3960	6000	2449	10.5	2532	11.3	2612	12.1	2692	12.9	2770	13.8	2847	14.7	2921	15.6	2994	16.5	3066	17.4	3137	18.4
4092	6200	2493	11.2	2573	12.0	2651	12.8	2730	13.7	2807	14.6	2882	15.5	2955	16.4	3027	17.3	3098	18.3	3167	19.2
4224	6400	2535	11.8	2615	12.7	2693	13.6	2768	14.5	2844	15.4	2918	16.3	2990	17.3	3061	18.2	3130	19.1	3199	20.1
4356	6600	2579	12.6	2659	13.5	2734	14.4	2808	15.3	2881	16.2	2954	17.2	3026	18.1	3095	19.1	3164	20.1	3231	21.1
4488	6800	2622	13.4	2701	14.3	2776	15.3	2850	16.2	2920	17.1	2992	18.0	3062	19.0	3131	20.0	3199	21.1	3265	22.0
4620	7000	2667	14.2	2745	15.1	2820	16.2	2891	17.1	2962	18.0	3030	19.0	3100	20.0	3167	21.0	3234	22.0	3299	23.1



INDUSTRIAL FAN

WHEEL DIA. 22 1/2"
OUTLET AREA 0.92 SQ FT
INLET DIA. 13"
INLET AREA 0.88 SQ FT

OPEN WHEEL
TYPE XO



SIZE 13

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1472	1600	676	.43	786	.62	886	.84	977	1.03	1060	1.21	1137	1.39	1210	1.57	1278	1.75	1344	1.95	1465	2.38
1564	1700	690	.48	796	.67	895	.89	984	1.11	1067	1.31	1143	1.49	1215	1.68	1283	1.87	1348	2.07	1470	2.50
1656	1800	705	.52	807	.71	904	.94	992	1.18	1073	1.40	1150	1.61	1221	1.80	1289	2.00	1353	2.21	1474	2.63
1748	1900	720	.57	820	.77	913	.99	1000	1.25	1081	1.49	1156	1.72	1227	1.93	1295	2.14	1359	2.35	1479	2.79
1840	2000	736	.62	833	.83	923	1.05	1009	1.31	1089	1.57	1163	1.82	1234	2.06	1301	2.29	1365	2.50	1484	2.95
1932	2100	753	.68	848	.89	935	1.12	1018	1.37	1098	1.66	1171	1.93	1241	2.18	1307	2.43	1371	2.67	1489	3.12
2024	2200	770	.74	862	.96	947	1.19	1028	1.44	1106	1.73	1179	2.02	1248	2.30	1314	2.57	1377	2.82	1495	3.31
2116	2300	788	.81	878	1.03	961	1.27	1039	1.52	1115	1.80	1188	2.12	1256	2.42	1321	2.70	1384	2.98	1502	3.50
2208	2400	806	.88	894	1.11	975	1.35	1052	1.61	1125	1.89	1197	2.20	1265	2.53	1329	2.84	1391	3.13	1508	3.69
2300	2500	825	.95	910	1.19	990	1.44	1065	1.70	1136	1.98	1206	2.29	1274	2.62	1338	2.96	1399	3.28	1515	3.88
2392	2600	843	1.03	927	1.28	1005	1.54	1078	1.80	1148	2.08	1216	2.39	1283	2.72	1347	3.08	1407	3.42	1522	4.07
2484	2700	863	1.12	945	1.37	1020	1.63	1093	1.91	1161	2.19	1227	2.50	1292	2.83	1355	3.18	1416	3.56	1529	4.24
2576	2800	882	1.20	962	1.47	1036	1.74	1107	2.03	1175	2.31	1239	2.62	1302	2.94	1364	3.30	1425	3.68	1537	4.41
2668	2900	901	1.30	981	1.57	1053	1.85	1122	2.14	1189	2.44	1252	2.74	1314	3.07	1374	3.42	1433	3.79	1546	4.58
2760	3000	921	1.40	999	1.68	1070	1.97	1138	2.26	1203	2.57	1265	2.88	1326	3.21	1385	3.55	1443	3.93	1555	4.74
2944	3200	961	1.61	1036	1.91	1105	2.22	1170	2.52	1233	2.85	1294	3.18	1352	3.51	1408	3.86	1464	4.22	1572	5.02
3128	3400	1001	1.85	1075	2.17	1142	2.49	1204	2.82	1265	3.15	1323	3.50	1380	3.84	1435	4.20	1488	4.57	1592	5.35
3312	3600	1042	2.11	1113	2.46	1178	2.80	1240	3.14	1298	3.49	1354	3.83	1409	4.21	1463	4.58	1514	4.95	1615	5.74
3496	3800	1084	2.40	1153	2.76	1217	3.13	1276	3.48	1333	3.85	1386	4.21	1440	4.59	1492	4.99	1543	5.37	1640	6.17
3680	4000	1126	2.71	1193	3.10	1255	3.48	1313	3.86	1368	4.25	1421	4.63	1472	5.01	1523	5.41	1572	5.83	1667	6.65
3864	4200	1169	3.06	1233	3.46	1294	3.87	1351	4.28	1405	4.66	1456	5.07	1506	5.47	1554	5.87	1603	6.30	1695	7.16
4048	4400	1213	3.44	1275	3.85	1334	4.28	1389	4.70	1441	5.12	1493	5.55	1541	5.97	1588	6.38	1634	6.80	1725	7.71
4232	4600	1257	3.85	1317	4.29	1374	4.73	1428	5.18	1479	5.62	1529	6.04	1577	6.50	1623	6.93	1667	7.36	1755	8.28
4416	4800	1300	4.28	1358	4.74	1414	5.22	1467	5.67	1518	6.13	1566	6.59	1613	7.04	1658	7.51	1702	7.97	1787	8.88
4600	5000	1344	4.74	1400	5.23	1455	5.72	1507	6.21	1557	6.70	1604	7.18	1650	7.64	1694	8.13	1737	8.60	1819	9.55
4784	5200	1389	5.25	1444	5.79	1497	6.28	1547	6.77	1596	7.29	1643	7.77	1687	8.26	1731	8.75	1773	9.28	1854	10.2
4968	5400	1435	5.81	1488	6.36	1539	6.87	1588	7.39	1636	7.90	1681	8.44	1726	8.96	1767	9.46	1809	9.95	1889	11.0
5152	5600	1480	6.40	1532	6.98	1580	7.49	1628	8.02	1676	8.58	1721	9.13	1764	9.63	1805	10.2	1847	10.7	1925	11.8
5336	5800	1525	7.03	1575	7.61	1623	8.15	1671	8.72	1716	9.28	1760	9.84	1803	10.4	1845	10.9	1883	11.5	1961	12.6
5520	6000	1570	7.69	1619	8.29	1666	8.89	1713	9.48	1756	10.0	1800	10.6	1842	11.2	1882	11.7	1922	12.3	1998	13.4

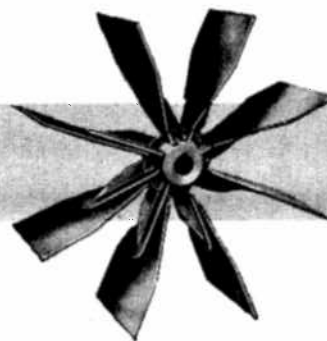
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2392	2600	1629	4.67	1730	5.25	1826	5.82	1917	6.40	2004	7.00	2087	7.61	2168	8.24	2245	8.93	2320	9.63	2392	10.3
2484	2700	1636	4.90	1737	5.52	1832	6.10	1922	6.70	2009	7.30	2092	7.93	2172	8.57	2250	9.22	2324	9.93	2396	10.6
2576	2800	1643	5.11	1743	5.76	1838	6.39	1928	7.00	2014	7.62	2097	8.26	2177	8.90	2254	9.57	2329	10.2	2401	10.9
2668	2900	1651	5.31	1750	6.02	1844	6.68	1934	7.32	2020	7.95	2102	8.60	2182	9.26	2259	9.93	2333	10.6	2405	11.3
2760	3000	1658	5.52	1757	6.26	1851	6.96	1940	7.65	2026	8.29	2108	8.96	2187	9.63	2264	10.3	2338	11.0	2410	11.7
2944	3200	1676	5.91	1772	6.73	1865	7.51	1954	8.27	2039	9.01	2120	9.71	2199	10.4	2275	11.1	2348	11.8	2420	12.5
3128	3400	1693	6.24	1790	7.17	1880	8.04	1968	8.88	2052	9.70	2133	10.4	2211	11.2	2287	11.9	2360	12.7	2431	13.4
3312	3600	1712	6.60	1807	7.55	1898	8.55	1983	9.46	2066	10.3	2147	11.2	2224	12.0	2299	12.9	2372	13.6	2442	14.4
3496	3800	1734	7.03	1826	7.96	1915	8.97	2001	10.0	2082	11.0	2161	11.9	2238	12.8	2312	13.7	2385	14.6	2455	15.5
3680	4000	1758	7.51	1846	8.43	1934	9.43	2018	10.5	2100	11.6	2178	12.6	2253	13.6	2327	14.6	2398	15.6	2468	16.5
3864	4200	1784	8.04	1870	8.96	1954	9.94	2037	11.0	2117	12.1	2195	13.3	2270	14.3	2342	15.4	2413	16.4	2482	17.5
4048	4400	1811	8.61	1895	9.54	1977	10.5	2057	11.5	2135	12.6	2212	13.8	2287	15.0	2359	16.2	2428	17.3	2497	18.4
4232	4600	1840	9.23	1922	10.1	2001	11.1	2079	12.2	2155	13.2	2231	14.4	2304	15.6	2376	16.9	2446	18.1	2513	19.3
4416	4800	1870	9.87	1950	10.8	2028	11.8	2103	12.9	2178	13.9	2251	15.1	2323	16.3	2394	17.6	2463	18.9	2530	20.2
4600	5000	1901	10.5	1980	11.5	2056	12.6	2129	13.6	2201	14.7	2273	15.8	2343	17.0	2413	18.3	2481	19.6	2548	21.0
4784	5200	1933	11.2	2010	12.3	2084	13.3	2157	14.4	2227	15.5	2297	16.7	2365	17.8	2433	19.1	2500	20.4	2565	21.8
4968	5400	1965	12.0	2041	13.0	2114	14.2	2185	15.3	2255	16.4	2322	17.5	2389	18.7	2455	20.0	2520	21.2	2585	22.6
5152	5600	2000	12.8	2073	13.9	2145	15.0	2215	16.2	2283	17.3	2349	18.5	2414	19.7	2479	20.9	2542	22.2	2605	23.5
5336	5800	2035	13.7	2105	14.8	2176	15.9	2245	17.1	2312	18.3	2377	19.5	2441	20.7	2504	21.9	2566	23.2	2628	24.5
5520	6000	2070	14.6	2140	15.7	2208	16.9	2276	18.1	2342	19.3	2406	20.5	2469	21.8	2531	23.0	2592	24.3	2651	25.6
5704	6200	2107	15.6	2175	16.7	2241	17.9	2308	19.1	2373	20.4	2436	21.7	2498	22.9	2559	24.2	2618	25.5	2677	26.8
5888	6400	2143	16.5	2210	17.8	2276	19.0	2340	20.2	2404	21.4	2466	22.8	2527	24.1	2587	25.4	2646	26.7	2704	28.1
6072	6600	2180	17.6	2247	18.9	2311	20.1	2374	21.4	2436	22.6	2497	23.9	2558	25.3	2617	26.7	2675	28.0	2731	29.4
6256	6800	2216	18.7	2283	19.9	2347	21.3	2409	22.6	2468	23.9	2529	25.2	2588	26.5	2647	28.0	2704	29.4	2760	30.7
6440	7000	2254	19.8	2320	21.1	2384	22.5	2444	23.8	2504	25.2	2561	26.5	2620	27.8	2677	29.3	2734	30.8	2789	32.2



INDUSTRIAL FAN

WHEEL DIA. 26 1/2"
OUTLET AREA 1.22 SQ FT
INLET DIA. 15"
INLET AREA 1.19 SQ FT

OPEN WHEEL
TYPE XO



SIZE **15**

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1952	1600	585	.58	681	.83	767	1.11	846	1.37	918	1.61	985	1.84	1048	2.08	1107	2.33	1164	2.59	1269	3.16
2074	1700	598	.63	689	.88	775	1.19	852	1.47	924	1.73	990	1.98	1052	2.23	1111	2.49	1168	2.75	1273	3.32
2196	1800	610	.69	699	.95	782	1.25	859	1.56	929	1.86	996	2.13	1058	2.39	1116	2.66	1172	2.93	1277	3.49
2318	1900	624	.76	710	1.02	791	1.32	866	1.66	936	1.98	1001	2.28	1063	2.57	1121	2.84	1177	3.12	1281	3.69
2440	2000	637	.83	722	1.10	800	1.39	874	1.74	943	2.09	1007	2.42	1069	2.73	1127	3.03	1182	3.32	1285	3.91
2562	2100	652	.90	734	1.18	810	1.48	882	1.82	951	2.20	1014	2.56	1075	2.90	1132	3.22	1187	3.54	1290	4.14
2684	2200	667	.99	747	1.27	821	1.58	890	1.91	958	2.29	1021	2.69	1081	3.05	1138	3.41	1193	3.74	1295	4.39
2806	2300	683	1.07	760	1.37	832	1.68	900	2.02	966	2.39	1029	2.81	1088	3.21	1144	3.59	1199	3.96	1300	4.65
2928	2400	698	1.16	774	1.47	845	1.79	911	2.13	975	2.50	1037	2.92	1096	3.35	1151	3.76	1205	4.15	1306	4.90
3050	2500	715	1.26	788	1.58	857	1.92	922	2.26	984	2.63	1045	3.04	1103	3.48	1159	3.93	1211	4.35	1312	5.15
3172	2600	730	1.37	803	1.70	870	2.04	934	2.39	994	2.76	1053	3.17	1111	3.61	1166	4.09	1219	4.53	1318	5.39
3294	2700	748	1.48	818	1.82	884	2.17	946	2.53	1006	2.91	1063	3.31	1119	3.75	1174	4.22	1226	4.72	1324	5.63
3416	2800	764	1.59	833	1.95	897	2.30	959	2.69	1017	3.07	1073	3.47	1128	3.90	1182	4.37	1234	4.88	1331	5.86
3538	2900	781	1.72	849	2.09	912	2.45	972	2.84	1029	3.23	1084	3.64	1138	4.07	1190	4.54	1241	5.03	1339	6.08
3660	3000	798	1.85	865	2.23	927	2.61	985	3.00	1042	3.41	1096	3.82	1148	4.25	1199	4.71	1250	5.21	1346	6.29
3904	3200	832	2.14	897	2.54	957	2.95	1013	3.35	1068	3.78	1120	4.21	1171	4.66	1220	5.11	1268	5.60	1362	6.66
4148	3400	867	2.45	931	2.88	989	3.31	1043	3.74	1095	4.17	1146	4.64	1195	5.10	1243	5.57	1289	6.06	1379	7.10
4392	3600	903	2.79	964	3.27	1020	3.71	1074	4.17	1124	4.62	1173	5.09	1221	5.58	1267	6.07	1312	6.57	1398	7.61
4636	3800	939	3.19	998	3.66	1054	4.16	1105	4.62	1154	5.11	1201	5.59	1247	6.09	1292	6.61	1336	7.12	1420	8.19
4880	4000	975	3.59	1033	4.11	1087	4.61	1137	5.13	1185	5.64	1231	6.14	1275	6.64	1319	7.17	1361	7.73	1443	8.82
5124	4200	1012	4.06	1068	4.60	1121	5.14	1170	5.67	1216	6.18	1261	6.73	1304	7.26	1346	7.78	1388	8.35	1468	9.50
5368	4400	1050	4.57	1104	5.11	1155	5.68	1203	6.23	1248	6.80	1293	7.36	1334	7.91	1375	8.47	1415	9.02	1494	10.2
5612	4600	1088	5.11	1140	5.70	1190	6.27	1237	6.88	1281	7.46	1324	8.01	1365	8.62	1405	9.19	1444	9.77	1520	10.9
5856	4800	1126	5.68	1176	6.29	1225	6.92	1271	7.53	1315	8.13	1356	8.74	1397	9.34	1436	9.96	1474	10.5	1548	11.7
6100	5000	1164	6.29	1213	6.94	1265	7.58	1305	8.24	1348	8.88	1389	9.52	1429	10.1	1467	10.7	1504	11.4	1575	12.6
6344	5200	1203	6.97	1250	7.67	1297	8.32	1340	8.98	1382	9.66	1423	10.3	1461	10.9	1499	11.6	1536	12.3	1606	13.6
6588	5400	1243	7.71	1289	8.44	1333	9.11	1375	9.80	1416	10.4	1456	11.1	1495	11.8	1531	12.5	1567	13.2	1636	14.6
6832	5600	1281	8.48	1327	9.25	1369	9.93	1410	10.6	1451	11.3	1490	12.1	1528	12.7	1563	13.5	1599	14.2	1667	15.6
7076	5800	1320	9.32	1364	10.1	1405	10.8	1447	11.5	1486	12.3	1524	13.0	1561	13.8	1598	14.5	1631	15.2	1699	16.7
7320	6000	1360	10.2	1402	11.0	1443	11.8	1483	12.5	1521	13.3	1559	14.0	1595	14.8	1630	15.5	1665	16.4	1730	17.8

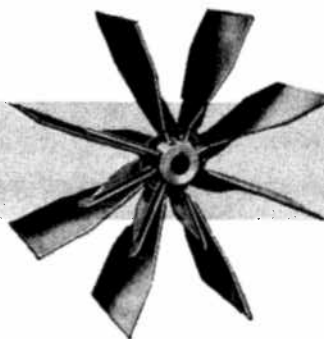
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3172	2600	1411	6.20	1499	6.96	1581	7.72	1660	8.49	1735	9.29	1808	10.1	1877	10.9	1944	11.8	2009	12.7	2072	13.7
3294	2700	1417	6.49	1504	7.32	1586	8.09	1665	8.88	1740	9.69	1812	10.5	1881	11.3	1948	12.2	2013	13.1	2075	14.1
3416	2800	1423	6.77	1510	7.64	1592	8.48	1670	9.28	1744	10.1	1816	10.9	1885	11.8	1952	12.6	2017	13.5	2079	14.5
3538	2900	1429	7.05	1515	7.98	1597	8.86	1675	9.70	1749	10.5	1821	11.4	1890	12.2	1956	13.1	2021	14.0	2083	15.0
3660	3000	1436	7.32	1522	8.30	1603	9.23	1681	10.1	1755	11.0	1826	11.8	1894	12.7	1960	13.6	2025	14.6	2087	15.5
3904	3200	1451	7.84	1535	8.92	1615	9.96	1692	10.9	1766	11.9	1836	12.8	1904	13.8	1970	14.7	2034	15.7	2095	16.6
4148	3400	1466	8.27	1550	9.52	1628	10.6	1704	11.7	1777	12.8	1847	13.9	1915	14.9	1980	15.8	2044	16.8	2105	17.8
4392	3600	1483	8.76	1565	10.0	1643	11.3	1718	12.5	1790	13.7	1859	14.9	1926	16.0	1991	17.1	2054	18.1	2115	19.1
4636	3800	1501	9.32	1581	10.5	1658	11.9	1733	13.3	1803	14.5	1872	15.8	1938	17.0	2003	18.2	2065	19.4	2126	20.5
4880	4000	1522	9.96	1599	11.1	1675	12.5	1748	13.9	1818	15.4	1886	16.7	1951	18.1	2015	19.3	2077	20.6	2137	21.8
5124	4200	1545	10.6	1619	11.8	1692	13.1	1764	14.5	1833	16.0	1901	17.6	1966	19.0	2028	20.5	2089	21.8	2149	23.2
5368	4400	1569	11.4	1641	12.6	1712	13.9	1781	15.3	1849	16.8	1916	18.3	1981	20.0	2043	21.5	2103	23.0	2162	24.4
5612	4600	1594	12.2	1665	13.5	1733	14.8	1800	16.1	1867	17.6	1932	19.1	1996	20.8	2058	22.5	2118	24.1	2176	25.6
5856	4800	1620	13.1	1689	14.4	1756	15.7	1821	17.1	1886	18.5	1949	20.0	2012	21.6	2073	23.3	2133	25.1	2191	26.8
6100	5000	1646	13.9	1714	15.3	1780	16.7	1844	18.1	1907	19.5	1968	21.0	2029	22.6	2089	24.3	2148	26.0	2206	27.9
6344	5200	1674	14.9	1741	16.3	1805	17.7	1868	19.1	1929	20.6	1989	22.1	2048	23.7	2107	25.3	2165	27.1	2222	28.9
6588	5400	1702	15.9	1767	17.3	1831	18.8	1893	20.3	1953	21.8	2011	23.3	2069	24.9	2126	26.5	2182	28.2	2238	30.0
6832	5600	1732	17.0	1795	18.4	1857	19.9	1918	21.5	1977	23.0	2035	24.5	2091	26.1	2147	27.8	2202	29.4	2256	31.2
7076	5800	1762	18.2	1823	19.6	1885	21.1	1944	22.7	2002	24.3	2059	25.9	2114	27.5	2169	29.1	2222	30.8	2276	32.6
7320	6000	1793	19.4	1854	20.9	1912	22.4	1971	24.0	2028	25.6	2084	27.3	2138	28.9	2192	30.6	2244	32.3	2296	34.0
7564	6200	1825	20.7	1884	22.2	1941	23.8	1999	25.3	2055	27.0	2110	28.7	2163	30.4	2216	32.1	2268	33.8	2318	35.6
7808	6400	1856	21.9	1914	23.6	1971	25.2	2026	26.8	2082	28.4	2136	30.2	2189	32.0	2241	33.7	2291	35.4	2342	37.2
8052	6600	1888	23.3	1946	25.1	2002	26.7	2056	28.3	2109	30.0	2163	31.7	2215	33.6	2266	35.4	2316	37.2	2365	39.0
8296	6800	1919	24.8	1977	26.5	2032	28.2	2086	29.9	2138	31.6	2190	33.4	2242	35.2	2292	37.1	2342	39.0	2390	40.8
8540	7000	1952	26.3	2009	28.0	2064	29.9	2116	31.6	2168	33.4	2218	35.1	2269	36.9	2319	38.9	2367	40.8	2415	42.7



INDUSTRIAL FAN

WHEEL DIA. 29 1/2"
OUTLET AREA 1.57 SQ FT
INLET DIA. 17"
INLET AREA 1.52 SQ FT

OPEN WHEEL
TYPE XO



SIZE 17

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2512	1600	497	.72	584	1.03	660	1.35	728	1.67	789	1.99	846	2.33	898	2.66	947	2.98	994	3.30	1082	3.98
2669	1700	505	.78	591	1.10	666	1.44	733	1.78	794	2.12	851	2.47	904	2.82	953	3.17	999	3.51	1086	4.21
2826	1800	514	.85	597	1.18	672	1.54	739	1.90	800	2.27	856	2.62	909	2.99	958	3.36	1005	3.73	1091	4.45
2983	1900	525	.94	604	1.27	678	1.64	744	2.01	805	2.40	862	2.79	914	3.15	963	3.55	1010	3.94	1097	4.72
3140	2000	536	1.03	612	1.35	684	1.74	750	2.13	811	2.53	867	2.94	919	3.34	968	3.73	1015	4.15	1102	4.98
3297	2100	547	1.12	620	1.45	691	1.85	756	2.25	816	2.67	872	3.10	925	3.53	974	3.94	1020	4.35	1108	5.23
3454	2200	557	1.20	629	1.57	698	1.96	763	2.38	822	2.82	878	3.26	930	3.71	979	4.15	1026	4.58	1113	5.48
3611	2300	566	1.29	640	1.69	705	2.08	769	2.51	829	2.96	883	3.42	935	3.89	985	4.35	1031	4.82	1118	5.72
3768	2400	576	1.38	651	1.82	713	2.20	776	2.65	835	3.12	890	3.59	941	4.07	990	4.56	1037	5.04	1123	5.99
3925	2500	587	1.48	662	1.95	723	2.35	783	2.80	841	3.27	896	3.76	947	4.26	995	4.76	1042	5.27	1129	6.29
4082	2600	597	1.58	673	2.09	733	2.51	791	2.94	848	3.44	902	3.94	953	4.46	1001	4.97	1047	5.50	1134	6.55
4239	2700	609	1.70	682	2.22	743	2.68	799	3.10	855	3.61	909	4.12	959	4.65	1007	5.19	1053	5.73	1139	6.83
4396	2800	622	1.83	692	2.34	755	2.85	809	3.29	863	3.78	915	4.31	966	4.86	1014	5.41	1059	5.97	1145	7.10
4553	2900	634	1.96	701	2.48	766	3.03	818	3.49	870	3.96	923	4.52	972	5.07	1020	5.64	1065	6.21	1150	7.37
4710	3000	647	2.11	712	2.62	776	3.21	829	3.70	879	4.17	930	4.72	979	5.29	1026	5.87	1072	6.46	1156	7.65
5024	3200	674	2.44	733	2.94	795	3.55	851	4.14	899	4.64	946	5.16	994	5.75	1040	6.35	1084	6.97	1168	8.23
5338	3400	702	2.81	758	3.31	815	3.91	873	4.59	921	5.17	965	5.69	1010	6.24	1054	6.88	1098	7.52	1181	8.84
5652	3600	730	3.24	783	3.72	836	4.31	891	5.01	943	5.69	987	6.28	1028	6.84	1070	7.43	1113	8.10	1194	9.47
5966	3800	760	3.72	809	4.18	859	4.77	911	5.46	963	6.22	1009	6.90	1049	7.51	1089	8.10	1129	8.72	1208	10.1
6280	4000	790	4.23	837	4.70	884	5.29	932	5.96	982	6.73	1031	7.53	1072	8.21	1109	8.84	1147	9.47	1223	10.8
6594	4200	820	4.81	865	5.28	910	5.86	955	6.52	1002	7.29	1049	8.13	1093	8.92	1132	9.63	1168	10.3	1240	11.6
6908	4400	851	5.45	893	5.93	936	6.48	979	7.16	1023	7.89	1068	8.73	1113	9.63	1154	10.4	1190	11.1	1259	12.5
7222	4600	882	6.14	923	6.63	963	7.17	1005	7.82	1046	8.57	1089	9.40	1132	10.3	1175	11.2	1212	12.0	1279	13.5
7536	4800	913	6.88	953	7.38	992	7.93	1031	8.58	1070	9.33	1110	10.1	1152	11.0	1193	12.0	1234	12.9	1302	14.5
7850	5000	945	7.70	982	8.21	1020	8.78	1058	9.40	1096	10.1	1133	10.9	1173	11.8	1212	12.7	1252	13.8	1323	15.6
8164	5200	977	8.60	1014	9.09	1049	9.66	1085	10.2	1121	11.0	1158	11.8	1195	12.6	1233	13.6	1271	14.6	1345	16.7
8478	5400	1008	9.54	1044	10.0	1079	10.6	1113	11.2	1148	11.9	1184	12.7	1218	13.6	1254	14.5	1291	15.5	1365	17.7
8792	5600	1041	10.5	1075	11.1	1109	11.6	1142	12.3	1175	13.0	1209	13.8	1243	14.6	1277	15.5	1313	16.5	1383	18.7
9106	5800	1073	11.6	1106	12.2	1138	12.8	1171	13.4	1203	14.1	1236	14.9	1269	15.7	1301	16.7	1334	17.6	1403	19.8
9420	6000	1105	12.8	1138	13.3	1170	13.9	1201	14.6	1231	15.3	1263	16.0	1294	16.9	1326	17.8	1357	18.8	1423	20.9

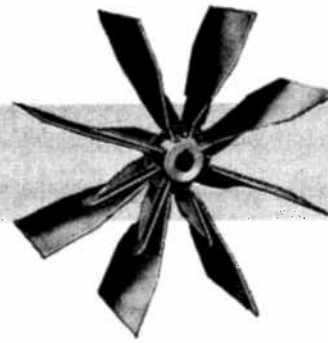
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4082	2600	1214	7.58	1288	8.63	1358	9.73	1424	10.7	1487	11.8	1546	12.9	1604	13.9	1660	15.0	1713	16.1	1766	17.2
4239	2700	1219	7.92	1293	8.97	1363	10.0	1429	11.2	1492	12.3	1552	13.4	1609	14.5	1665	15.5	1718	16.7	1770	17.8
4396	2800	1225	8.23	1298	9.34	1368	10.4	1435	11.6	1497	12.7	1557	13.9	1615	15.1	1670	16.2	1723	17.3	1775	18.4
4553	2900	1230	8.55	1304	9.73	1373	10.8	1440	12.0	1503	13.2	1563	14.4	1620	15.6	1675	16.8	1729	17.9	1780	19.1
4710	3000	1235	8.87	1309	10.0	1379	11.2	1445	12.4	1508	13.7	1568	14.9	1625	16.1	1681	17.4	1734	18.6	1785	19.8
5024	3200	1246	9.51	1320	10.8	1390	12.1	1456	13.4	1518	14.6	1578	15.9	1636	17.2	1692	18.6	1745	19.9	1796	21.2
5338	3400	1259	10.1	1331	11.5	1401	12.9	1466	14.3	1529	15.7	1589	17.0	1646	18.3	1702	19.7	1756	21.2	1807	22.6
5652	3600	1271	10.8	1343	12.3	1411	13.7	1477	15.2	1540	16.6	1600	18.1	1657	19.5	1712	20.9	1766	22.4	1817	23.9
5966	3800	1284	11.6	1356	13.1	1424	14.6	1488	16.1	1550	17.6	1610	19.2	1668	20.7	1723	22.2	1776	23.7	1828	25.2
6280	4000	1298	12.3	1368	13.9	1436	15.4	1500	17.0	1562	18.6	1621	20.3	1679	21.9	1734	23.5	1787	25.2	1839	26.7
6594	4200	1312	13.1	1382	14.7	1449	16.4	1513	18.0	1574	19.7	1632	21.4	1689	23.1	1745	24.8	1798	26.5	1850	28.2
6908	4400	1327	14.0	1396	15.6	1462	17.3	1525	19.0	1586	20.8	1645	22.5	1701	24.3	1755	26.1	1809	27.8	1860	29.6
7222	4600	1345	14.9	1411	16.6	1476	18.3	1538	20.1	1599	21.9	1657	23.7	1713	25.5	1767	27.4	1819	29.2	1871	31.1
7536	4800	1364	16.0	1427	17.6	1490	19.4	1552	21.2	1612	23.0	1670	24.9	1725	26.8	1779	28.7	1831	30.6	1882	32.6
7850	5000	1385	17.2	1446	18.8	1506	20.4	1567	22.4	1626	24.2	1683	26.2	1738	28.1	1792	30.1	1844	32.1	1894	34.1
8164	5200	1408	18.4	1465	20.0	1524	21.7	1582	23.5	1640	25.5	1696	27.5	1751	29.5	1804	31.5	1856	33.6	1907	35.6
8478	5400	1429	19.6	1487	21.4	1543	23.1	1598	24.8	1655	26.8	1710	28.9	1765	30.9	1817	33.0	1869	35.1	1919	37.2
8792	5600	1451	20.9	1509	22.8	1563	24.5	1617	26.3	1671	28.1	1725	30.2	1779	32.4	1831	34.5	1882	36.7	1932	38.8
9106	5800	1471	22.1	1531	24.2	1585	26.1	1637	27.9	1689	29.7	1741	31.7	1794	33.9	1845	36.1	1895	38.3	1945	40.5
9420	6000	1489	23.3	1553	25.6	1607	27.7	1658	29.6	1708	31.4	1759	33.4	1809	35.4	1860	37.7	1910	40.0	1958	42.3
9734	6200	1509	24.5	1572	27.0	1629	29.3	1681	31.4	1729	33.3	1778	35.2	1826	37.2	1875	39.4	1924	41.8	1973	44.1
10048	6400	1529	25.8	1591	28.4	1651	30.9	1703	33.1	1751	35.2	1798	37.1	1845	39.2	1892	41.2	1940	43.5	1987	46.0
10362	6600	1550	27.2	1610	29.8	1670	32.5	1724	34.9	1774	37.1	1819	39.2	1865	41.2	1911	43.3	1956	45.5	2002	47.8
10676	6800	1571	28.7	1630	31.3	1688	34.0	1746	36.7	1795	39.1	1842	41.3	1886	43.4	1930	45.5	1975	47.7	2019	49.9
10990	7000	1594	30.3	1651	32.8	1708	35.5	1764	38.4	1817	41.0	1864	43.4	1909	45.7	1951	47.9	1994	50.0	2038	52.3



INDUSTRIAL FAN

WHEEL DIA. 33"
OUTLET AREA 1.95 SQ FT
INLET DIA. 19"
INLET AREA 1.89 SQ FT

OPEN WHEEL
TYPE XO



SIZE **19**

CFM	Outlet Velocity	1" SP		1½" SP		2" SP		2½" SP		3" SP		3½" SP		4" SP		4½" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3120	1600	446	.89	524	1.28	593	1.68	653	2.08	708	2.47	759	2.89	806	3.30	850	3.70	892	4.10	971	4.95
3315	1700	453	.97	530	1.37	597	1.79	658	2.22	713	2.64	764	3.07	811	3.51	855	3.94	897	4.37	975	5.23
3510	1800	462	1.06	536	1.47	603	1.91	663	2.36	718	2.82	768	3.25	816	3.71	860	4.18	902	4.64	980	5.53
3705	1900	471	1.17	542	1.58	609	2.03	668	2.50	723	2.98	773	3.46	820	3.92	865	4.41	907	4.90	985	5.87
3900	2000	481	1.27	549	1.68	614	2.16	673	2.65	728	3.15	778	3.66	825	4.15	869	4.64	912	5.16	989	6.18
4095	2100	491	1.38	556	1.80	620	2.29	679	2.80	733	3.33	783	3.85	830	4.38	874	4.90	916	5.41	994	6.50
4290	2200	500	1.49	565	1.94	627	2.43	685	2.96	738	3.50	788	4.05	835	4.61	879	5.16	921	5.69	999	6.80
4485	2300	508	1.60	574	2.10	633	2.58	691	3.12	744	3.68	793	4.25	840	4.83	884	5.41	926	6.00	1003	7.11
4680	2400	517	1.71	584	2.26	640	2.73	697	3.29	749	3.87	799	4.47	845	5.06	889	5.66	931	6.27	1008	7.45
4875	2500	527	1.83	594	2.42	649	2.92	703	3.48	755	4.07	804	4.68	850	5.29	894	5.92	936	6.55	1013	7.81
5070	2600	536	1.97	604	2.59	658	3.11	710	3.66	761	4.27	810	4.90	856	5.54	899	6.18	940	6.83	1018	8.14
5265	2700	547	2.12	612	2.75	667	3.33	717	3.86	768	4.49	816	5.12	861	5.78	904	6.45	945	7.12	1023	8.48
5460	2800	558	2.28	621	2.91	678	3.55	726	4.09	774	4.70	822	5.36	867	6.03	910	6.72	951	7.41	1028	8.82
5655	2900	570	2.44	630	3.08	687	3.76	735	4.34	781	4.92	828	5.61	873	6.30	916	7.00	956	7.72	1033	9.16
5850	3000	581	2.63	639	3.25	697	3.99	744	4.60	790	5.19	835	5.86	879	6.57	921	7.29	962	8.02	1038	9.51
6240	3200	605	3.03	658	3.65	714	4.41	764	5.14	807	5.77	849	6.41	892	7.14	933	7.89	973	8.66	1049	10.2
6630	3400	630	3.50	680	4.11	732	4.86	784	5.70	827	6.42	866	7.07	906	7.75	946	8.54	986	9.34	1060	10.9
7020	3600	656	4.03	703	4.62	751	5.36	800	6.23	846	7.07	886	7.81	923	8.50	961	9.22	999	10.0	1072	11.7
7410	3800	683	4.62	727	5.20	771	5.93	818	6.79	865	7.73	906	8.57	942	9.33	978	10.0	1013	10.8	1085	12.6
7800	4000	709	5.26	751	5.84	794	6.58	837	7.41	881	8.36	925	9.36	962	10.2	996	10.9	1030	11.7	1098	13.4
8190	4200	737	5.97	776	6.56	817	7.28	857	8.10	900	9.06	942	10.1	982	11.0	1016	11.9	1048	12.7	1113	14.4
8580	4400	764	6.76	802	7.36	841	8.05	879	8.90	919	9.81	959	10.8	999	11.9	1036	12.9	1069	13.8	1130	15.5
8970	4600	792	7.63	829	8.23	865	8.91	902	9.72	939	10.6	978	11.6	1016	12.8	1054	13.9	1088	14.9	1148	16.8
9360	4800	820	8.55	855	9.18	890	9.85	925	10.6	961	11.6	997	12.5	1034	13.7	1071	14.9	1108	16.0	1169	18.1
9750	5000	848	9.57	882	10.2	916	10.9	950	11.6	984	12.5	1017	13.5	1053	14.6	1088	15.8	1124	17.1	1188	19.4
10140	5200	877	10.6	910	11.2	942	12.0	974	12.7	1007	13.6	1040	14.7	1072	15.7	1107	16.9	1141	18.2	1208	20.7
10530	5400	905	11.8	937	12.5	969	13.2	999	13.9	1031	14.8	1063	15.8	1094	16.9	1126	18.0	1159	19.3	1225	22.0
10920	5600	934	13.1	965	13.8	995	14.5	1025	15.3	1055	16.1	1085	17.1	1116	18.2	1146	19.3	1178	20.5	1242	23.3
11310	5800	963	14.5	993	15.1	1022	15.9	1051	16.6	1080	17.5	1109	18.5	1139	19.5	1168	20.7	1198	21.9	1259	24.6
11700	6000	992	15.9	1021	16.6	1050	17.3	1078	18.2	1105	19.0	1134	19.9	1162	21.0	1191	22.2	1219	23.3	1278	26.0

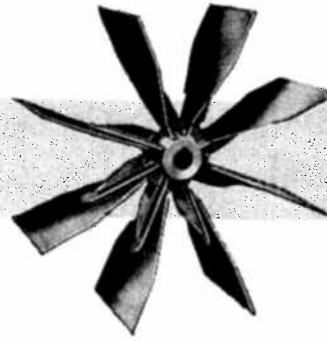
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5070	2600	1089	9.42	1156	10.7	1219	12.0	1278	13.4	1335	14.7	1388	16.0	1440	17.3	1490	18.6	1538	20.0	1585	21.4
5265	2700	1095	9.84	1161	11.1	1224	12.5	1283	13.9	1339	15.3	1393	16.7	1445	18.0	1494	19.3	1542	20.7	1589	22.1
5460	2800	1099	10.2	1166	11.6	1228	12.9	1288	14.4	1344	15.8	1398	17.3	1450	18.7	1499	20.1	1547	21.5	1594	22.9
5655	2900	1104	10.6	1171	12.0	1233	13.4	1292	14.9	1349	16.4	1403	17.9	1454	19.4	1504	20.9	1552	22.3	1598	23.7
5850	3000	1109	11.0	1175	12.5	1238	14.0	1297	15.4	1354	17.0	1408	18.6	1459	20.1	1509	21.6	1557	23.1	1603	24.6
6240	3200	1119	11.8	1185	13.4	1248	15.0	1307	16.6	1363	18.1	1417	19.7	1469	21.4	1519	23.1	1566	24.7	1613	26.4
6630	3400	1130	12.6	1195	14.3	1257	16.0	1316	17.7	1373	19.5	1426	21.1	1478	22.7	1528	24.5	1576	26.3	1622	28.0
7020	3600	1141	13.5	1206	15.2	1267	17.0	1326	18.9	1382	20.7	1436	22.5	1488	24.2	1537	26.0	1585	27.8	1632	29.7
7410	3800	1153	14.4	1217	16.2	1278	18.1	1336	20.0	1392	21.9	1446	23.8	1497	25.7	1547	27.6	1595	29.5	1641	31.3
7800	4000	1165	15.3	1229	17.2	1289	19.2	1347	21.2	1402	23.2	1455	25.2	1507	27.2	1557	29.2	1605	31.3	1651	33.2
8190	4200	1178	16.3	1240	18.3	1301	20.3	1358	22.4	1413	24.5	1465	26.6	1516	28.7	1566	30.8	1614	32.9	1660	35.0
8580	4400	1191	17.3	1253	19.4	1312	21.5	1369	23.7	1424	25.8	1476	28.0	1527	30.2	1576	32.4	1624	34.6	1670	36.8
8970	4600	1207	18.6	1267	20.6	1325	22.8	1381	25.0	1435	27.2	1488	29.4	1538	31.7	1586	34.0	1633	36.3	1680	38.6
9360	4800	1225	19.9	1281	21.8	1338	24.1	1393	26.3	1447	28.6	1499	31.0	1549	33.3	1597	35.7	1644	38.0	1689	40.5
9750	5000	1243	21.4	1298	23.3	1352	25.4	1406	27.8	1459	30.1	1511	32.5	1560	34.9	1608	37.4	1655	39.9	1700	42.3
10140	5200	1264	22.9	1315	24.9	1368	26.9	1420	29.2	1472	31.7	1523	34.1	1572	36.6	1620	39.2	1666	41.7	1712	44.3
10530	5400	1283	24.4	1335	26.6	1385	28.7	1435	30.8	1486	33.3	1536	35.9	1584	38.4	1632	41.0	1678	43.6	1723	46.2
10920	5600	1303	26.0	1355	28.3	1403	30.5	1452	32.7	1500	34.9	1549	37.6	1597	40.2	1644	42.9	1689	45.5	1734	48.3
11310	5800	1320	27.5	1375	30.1	1423	32.4	1469	34.7	1517	37.0	1563	39.4	1610	42.1	1656	44.9	1702	47.6	1746	50.3
11700	6000	1337	29.0	1394	31.9	1443	34.4	1488	36.8	1534	39.1	1579	41.5	1624	44.0	1670	46.9	1714	49.7	1758	52.5
12090	6200	1354	30.5	1412	33.6	1463	36.4	1509	39.0	1552	41.3	1596	43.7	1640	46.2	1683	48.9	1728	51.9	1771	54.8
12480	6400	1373	32.1	1428	35.3	1482	38.4	1528	41.1	1572	43.7	1614	46.1	1657	48.6	1699	51.2	1741	54.1	1784	57.1
12870	6600	1392	33.8	1445	37.0	1499	40.3	1548	43.3	1592	46.1	1633	48.7	1674	51.2	1716	53.8	1756	56.5	1798	59.4
13260	6800	1411	35.6	1463	38.9	1516	42.2	1567	45.6	1612	48.5	1654	51.3	1693	53.9	1733	56.5	1773	59.3	1813	62.0
13650	7000	1431	37.6	1482	40.8	1533	44.1	1584	47.7	1631	50.9	1673	53.9	1713	56.7	1751	59.4	1790	62.1	1829	64.9



INDUSTRIAL FAN

WHEEL DIA. 36 1/2"
OUTLET AREA 2.39 SQ FT
INLET DIA. 21"
INLET AREA 2.32 SQ FT

OPEN WHEEL
TYPE XO



SIZE 21

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3824	1600	403	1.09	474	1.57	536	2.06	591	2.55	640	3.03	687	3.54	729	4.04	769	4.53	807	5.02	878	6.07
4063	1700	410	1.19	479	1.68	540	2.20	595	2.72	645	3.23	691	3.76	733	4.30	773	4.83	811	5.35	882	6.41
4302	1800	417	1.30	485	1.80	545	2.34	599	2.89	649	3.45	695	3.98	738	4.55	778	5.12	816	5.69	886	6.79
4541	1900	426	1.43	490	1.93	550	2.49	604	3.07	654	3.66	699	4.24	742	4.80	782	5.40	820	6.01	890	7.20
4780	2000	435	1.56	496	2.06	555	2.65	609	3.25	658	3.86	704	4.48	746	5.09	786	5.68	824	6.32	895	7.58
5019	2100	444	1.70	503	2.21	561	2.81	614	3.44	662	4.07	708	4.72	751	5.37	790	6.00	828	6.63	899	7.97
5258	2200	452	1.83	511	2.38	566	2.99	619	3.63	667	4.29	712	4.96	755	5.65	795	6.33	833	6.98	903	8.34
5497	2300	459	1.96	519	2.57	573	3.16	624	3.83	672	4.51	717	5.21	759	5.92	799	6.63	837	7.35	907	8.71
5736	2400	467	2.10	528	2.77	579	3.35	630	4.04	678	4.75	722	5.47	764	6.20	804	6.94	841	7.68	912	9.13
5975	2500	476	2.25	537	2.97	587	3.57	636	4.26	683	4.98	727	5.73	769	6.49	808	7.25	846	8.04	916	9.57
6214	2600	485	2.41	546	3.18	595	3.82	642	4.48	688	5.23	732	6.00	774	6.79	813	7.57	850	8.38	920	9.98
6453	2700	494	2.59	554	3.38	603	4.08	649	4.73	694	5.50	738	6.28	779	7.09	818	7.90	855	8.73	925	10.4
6692	2800	505	2.79	561	3.57	613	4.35	656	5.01	700	5.76	743	6.57	784	7.40	823	8.24	860	9.09	929	10.8
6931	2900	515	2.99	569	3.77	621	4.61	664	5.31	706	6.03	749	6.88	789	7.72	828	8.58	865	9.46	934	11.2
7170	3000	525	3.22	578	3.99	630	4.89	673	5.64	714	6.36	755	7.18	795	8.05	833	8.93	870	9.83	938	11.6
7648	3200	547	3.72	595	4.47	646	5.41	691	6.30	730	7.07	768	7.85	806	8.76	844	9.68	880	10.6	948	12.5
8126	3400	570	4.28	615	5.04	662	5.96	708	6.99	748	7.87	783	8.66	819	9.50	856	10.4	891	11.4	959	13.4
8604	3600	593	4.94	636	5.66	679	6.57	723	7.63	765	8.67	801	9.57	835	10.4	869	11.3	903	12.3	969	14.4
9082	3800	617	5.66	657	6.37	697	7.27	740	8.32	782	9.48	819	10.5	852	11.4	884	12.3	916	13.2	981	15.4
9560	4000	641	6.45	679	7.16	718	8.06	757	9.08	797	10.2	836	11.4	870	12.5	900	13.4	931	14.4	993	16.5
10038	4200	666	7.32	702	8.04	738	8.92	775	9.93	813	11.1	852	12.3	887	13.5	919	14.6	948	15.6	1006	17.7
10516	4400	690	8.29	725	9.03	760	9.87	795	10.9	831	12.0	867	13.3	904	14.6	936	15.8	966	17.0	1022	19.0
10994	4600	716	9.36	749	10.0	782	10.9	816	11.9	849	13.0	884	14.3	919	15.6	953	17.1	984	18.3	1038	20.5
11472	4800	741	10.4	773	11.2	805	12.0	837	13.0	869	14.2	901	15.4	935	16.8	968	18.2	1001	19.7	1057	22.1
11950	5000	767	11.7	797	12.5	828	13.3	859	14.3	889	15.4	920	16.6	952	18.0	984	19.4	1016	21.0	1074	23.7
12428	5200	793	13.1	823	13.8	851	14.7	881	15.6	910	16.7	940	18.0	970	19.3	1001	20.7	1032	22.3	1092	25.4
12906	5400	818	14.5	847	15.3	876	16.2	903	17.1	932	18.2	961	19.4	989	20.7	1018	22.1	1048	23.7	1107	27.0
13384	5600	845	16.0	872	16.9	900	17.7	927	18.7	954	19.8	981	21.0	1009	22.3	1036	23.6	1065	25.2	1123	28.5
13862	5800	871	17.7	898	18.5	924	19.4	950	20.4	976	21.4	1003	22.6	1030	23.9	1056	25.4	1083	26.8	1138	30.1
14340	6000	897	19.5	923	20.3	949	21.2	975	22.3	999	23.3	1025	24.4	1051	25.7	1077	27.2	1102	28.6	1155	31.9

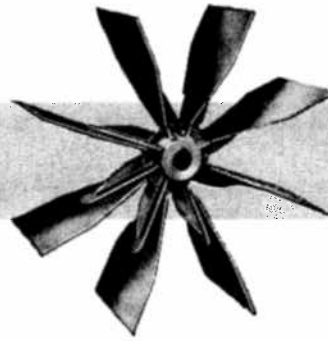
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6214	2600	985	11.5	1045	13.1	1102	14.8	1156	16.4	1207	18.0	1255	19.6	1302	21.2	1347	22.8	1391	24.5	1433	26.3
6453	2700	990	12.0	1050	13.6	1106	15.3	1160	17.0	1211	18.7	1260	20.4	1306	22.0	1351	23.7	1395	25.4	1437	27.2
6692	2800	994	12.5	1054	14.2	1110	15.9	1164	17.7	1215	19.4	1264	21.2	1311	22.9	1355	24.6	1399	26.3	1441	28.1
6931	2900	998	13.0	1059	14.8	1115	16.5	1168	18.3	1220	20.1	1268	22.0	1315	23.8	1360	25.6	1403	27.3	1445	29.1
7170	3000	1003	13.5	1063	15.3	1119	17.1	1173	18.9	1224	20.8	1273	22.8	1319	24.6	1364	26.5	1407	28.4	1449	30.2
7648	3200	1011	14.4	1071	16.4	1128	18.4	1181	20.3	1232	22.2	1281	24.2	1328	26.3	1373	28.3	1416	30.3	1458	32.3
8126	3400	1022	15.5	1080	17.5	1137	19.6	1190	21.7	1241	23.8	1289	25.8	1336	27.9	1381	30.0	1425	32.2	1467	34.4
8604	3600	1032	16.5	1090	18.7	1146	20.9	1199	23.1	1250	25.3	1298	27.6	1345	29.7	1390	31.9	1433	34.1	1475	36.4
9082	3800	1042	17.6	1100	19.9	1155	22.2	1208	24.5	1258	26.9	1307	29.2	1354	31.6	1399	33.9	1442	36.1	1483	38.4
9560	4000	1053	18.8	1111	21.1	1166	23.5	1218	26.0	1267	28.4	1316	30.9	1362	33.4	1407	35.8	1451	38.3	1492	40.7
10038	4200	1065	20.0	1122	22.4	1176	24.9	1228	27.5	1277	30.0	1325	32.6	1371	35.1	1416	37.8	1459	40.3	1501	42.9
10516	4400	1077	21.3	1133	23.8	1187	26.4	1238	29.0	1287	31.6	1335	34.3	1380	37.0	1425	39.7	1468	42.4	1510	45.2
10994	4600	1092	22.8	1145	25.3	1198	27.9	1249	30.6	1298	33.3	1345	36.1	1390	38.9	1434	41.7	1477	44.5	1518	47.3
11472	4800	1107	24.4	1158	26.8	1210	29.5	1260	32.3	1308	35.1	1355	38.0	1400	40.8	1444	43.7	1486	46.6	1527	49.6
11950	5000	1124	26.2	1173	28.6	1222	31.1	1272	34.1	1319	36.9	1366	39.8	1411	42.8	1454	45.8	1497	48.9	1537	51.9
12428	5200	1143	28.1	1189	30.5	1237	33.0	1284	35.8	1331	38.9	1377	41.8	1421	44.9	1465	48.0	1507	51.1	1547	54.3
12906	5400	1160	29.9	1207	32.6	1252	35.1	1297	37.8	1343	40.8	1388	44.0	1432	47.1	1475	50.2	1517	53.4	1557	56.7
13384	5600	1178	31.8	1225	34.7	1269	37.4	1313	40.1	1356	42.8	1400	46.1	1444	49.3	1486	52.5	1527	55.8	1568	59.2
13862	5800	1194	33.7	1243	36.9	1287	39.8	1329	42.5	1371	45.3	1413	48.2	1456	51.6	1498	55.0	1538	58.3	1578	61.7
14340	6000	1209	35.5	1260	39.1	1305	42.2	1346	45.1	1387	47.9	1428	50.8	1468	54.0	1510	57.5	1550	61.0	1589	64.4
14818	6200	1224	37.4	1276	41.2	1322	44.6	1364	47.8	1403	50.7	1443	53.6	1482	56.7	1522	60.0	1562	63.6	1601	67.2
15296	6400	1241	39.4	1291	43.2	1340	47.1	1382	50.4	1421	53.5	1459	56.6	1498	59.6	1536	62.8	1574	66.3	1613	70.0
15774	6600	1258	41.5	1307	45.3	1355	49.4	1399	53.1	1440	56.5	1477	59.7	1514	62.8	1551	66.0	1588	69.2	1625	72.9
16252	6800	1275	43.7	1323	47.6	1370	51.7	1417	55.9	1457	59.5	1495	62.9	1531	66.1	1567	69.3	1603	72.6	1639	76.0
16730	7000	1294	46.1	1340	50.0	1386	54.1	1432	58.5	1475	62.4	1513	66.1	1549	69.6	1583	72.9	1619	76.2	1654	79.6



INDUSTRIAL FAN

WHEEL DIA. 40"
OUTLET AREA 2.85 SQ FT
INLET DIA. 23"
INLET AREA 2.78 SQ FT

OPEN WHEEL
TYPE XO



SIZE 23

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4560	1600	368	1.31	433	1.87	489	2.45	539	3.04	584	3.61	626	4.22	665	4.82	702	5.40	736	5.99	801	7.23
4845	1700	374	1.42	437	2.00	493	2.62	543	3.25	588	3.86	630	4.48	669	5.13	706	5.76	740	6.38	805	7.64
5130	1800	381	1.55	442	2.15	497	2.79	547	3.45	592	4.11	634	4.75	673	5.42	710	6.11	744	6.78	808	8.09
5415	1900	389	1.70	447	2.30	502	2.97	551	3.66	596	4.36	638	5.05	677	5.72	714	6.44	748	7.16	812	8.58
5700	2000	397	1.86	453	2.46	507	3.16	556	3.88	600	4.61	642	5.34	681	6.06	717	6.78	752	7.53	816	9.04
5985	2100	405	2.02	459	2.64	512	3.35	560	4.10	604	4.86	646	5.63	685	6.40	721	7.15	756	7.91	820	9.51
6270	2200	412	2.18	466	2.84	517	3.56	565	4.33	609	5.12	650	5.92	689	6.73	725	7.54	760	8.32	824	9.94
6555	2300	419	2.34	474	3.07	522	3.77	570	4.56	614	5.38	654	6.21	693	7.06	729	7.91	764	8.76	828	10.4
6840	2400	427	2.50	482	3.31	528	4.00	575	4.81	618	5.66	659	6.52	697	7.40	733	8.28	768	9.16	832	10.8
7125	2500	434	2.68	490	3.54	535	4.26	580	5.08	623	5.94	664	6.83	701	7.74	737	8.65	772	9.58	836	11.4
7410	2600	442	2.88	498	3.79	543	4.55	586	5.34	628	6.24	668	7.16	706	8.09	742	9.03	776	9.98	840	11.9
7695	2700	451	3.09	505	4.03	551	4.86	592	5.64	633	6.56	673	7.49	711	8.45	746	9.42	780	10.4	844	12.4
7980	2800	460	3.33	512	4.25	559	5.18	599	5.97	639	6.87	678	7.83	715	8.82	751	9.82	784	10.8	848	12.8
8265	2900	470	3.57	519	4.50	567	5.50	606	6.33	645	7.19	683	8.20	720	9.20	755	10.2	789	11.2	852	13.3
8550	3000	479	3.84	527	4.76	575	5.82	614	6.72	651	7.58	689	8.57	725	9.60	760	10.6	794	11.7	856	13.9
9120	3200	499	4.43	543	5.33	589	6.45	630	7.51	666	8.43	701	9.36	736	10.4	770	11.5	803	12.6	865	14.9
9690	3400	520	5.11	561	6.01	604	7.10	646	8.33	682	9.38	715	10.3	748	11.3	781	12.4	813	13.6	875	16.0
10260	3600	541	5.89	580	6.75	619	7.83	660	9.10	698	10.3	731	11.4	762	12.4	793	13.4	824	14.7	884	17.2
10830	3800	563	6.75	599	7.60	636	8.66	675	9.92	713	11.3	747	12.5	777	13.6	807	14.7	836	15.8	895	18.4
11400	4000	585	7.69	620	8.54	655	9.61	691	10.8	727	12.2	763	13.6	794	14.9	822	16.0	850	17.1	906	19.7
11970	4200	608	8.73	640	9.58	674	10.6	707	11.8	742	13.2	777	14.7	810	16.2	838	17.5	865	18.6	918	21.1
12540	4400	630	9.89	662	10.7	693	11.7	725	13.0	758	14.3	791	15.8	825	17.4	854	18.9	882	20.2	932	22.7
13110	4600	653	11.1	684	12.0	714	13.0	744	14.2	774	15.5	807	17.0	838	18.7	870	20.3	898	21.8	947	24.5
13680	4800	676	12.5	706	13.4	734	14.4	763	15.5	793	16.9	822	18.3	853	20.0	884	21.7	914	23.5	964	26.4
14250	5000	700	13.9	727	14.9	756	15.9	783	17.0	812	18.3	839	19.8	869	21.4	898	23.2	927	25.0	980	28.3
14820	5200	723	15.6	751	16.5	777	17.5	804	18.6	831	20.0	858	21.4	885	23.0	913	24.7	941	26.6	996	30.3
15390	5400	747	17.3	773	18.2	799	19.3	824	20.4	850	21.7	877	23.1	902	24.7	929	26.4	956	28.3	1011	32.2
15960	5600	771	19.1	796	20.1	821	21.2	846	22.3	870	23.6	896	25.0	921	26.6	946	28.2	972	30.0	1024	34.0
16530	5800	794	21.1	819	22.1	843	23.2	867	24.3	891	25.6	915	27.0	940	28.5	964	30.3	988	32.0	1039	36.0
17100	6000	818	23.3	843	24.3	866	25.3	889	26.6	912	27.7	935	29.2	959	30.7	982	32.4	1005	34.1	1054	38.0

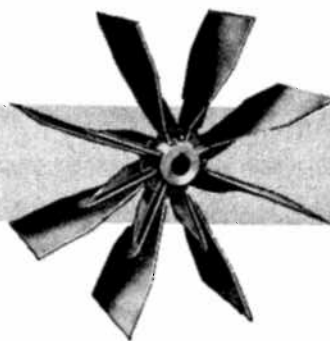
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7410	2600	899	13.7	954	15.6	1006	17.6	1055	19.5	1101	21.5	1145	23.4	1243	25.3	1229	27.2	1269	29.3	1308	31.3
7695	2700	903	14.3	958	16.2	1010	18.3	1059	20.3	1105	22.3	1149	24.4	1251	26.3	1233	28.3	1273	30.3	1311	32.4
7980	2800	907	14.9	962	16.9	1013	18.9	1062	21.1	1109	23.2	1153	25.3	1260	27.4	1237	29.4	1276	31.4	1315	33.5
8265	2900	911	15.5	966	17.6	1017	19.7	1066	21.8	1113	24.0	1157	26.2	1269	28.4	1241	30.5	1280	32.6	1318	34.7
8550	3000	915	16.1	970	18.3	1021	20.4	1070	22.6	1117	24.8	1162	27.1	1278	29.3	1245	31.6	1284	33.8	1322	36.0
9120	3200	923	17.2	978	19.6	1029	21.9	1078	24.3	1124	26.5	1169	28.9	1287	31.3	1253	33.8	1292	36.1	1330	38.5
9690	3400	932	18.5	986	20.9	1037	23.4	1086	25.9	1133	28.4	1177	30.8	1297	33.3	1260	35.8	1300	38.4	1339	41.0
10260	3600	941	19.7	995	22.3	1045	24.9	1094	27.6	1140	30.2	1185	32.9	1307	35.4	1268	38.0	1308	40.6	1346	43.4
10830	3800	951	21.0	1004	23.7	1054	26.5	1102	29.3	1148	32.0	1193	34.9	1317	37.6	1276	40.4	1315	43.1	1354	45.8
11400	4000	961	22.4	1014	25.2	1064	28.1	1111	31.0	1157	33.9	1201	36.8	1328	39.8	1284	42.7	1324	45.7	1362	48.5
11970	4200	972	23.9	1023	26.8	1073	29.7	1120	32.7	1166	35.8	1209	38.8	1340	41.9	1292	45.0	1332	48.1	1370	51.2
12540	4400	983	25.4	1034	28.4	1083	31.5	1130	34.6	1175	37.7	1218	40.9	1353	44.1	1300	47.3	1339	50.6	1378	53.8
13110	4600	996	27.1	1045	30.1	1093	33.3	1139	36.5	1184	39.8	1227	43.0	1367	46.4	1309	49.7	1347	53.1	1386	56.5
13680	4800	1010	29.1	1057	31.9	1104	35.2	1150	38.5	1194	41.8	1237	45.3	1381	48.7	1318	52.2	1356	55.6	1394	59.2
14250	5000	1026	31.2	1071	34.1	1115	37.1	1160	40.6	1204	44.0	1246	47.5	1397	51.1	1327	54.7	1366	58.3	1403	61.9
14820	5200	1043	33.5	1085	36.4	1128	39.4	1171	42.7	1214	46.4	1256	49.9	1414	53.5	1336	57.2	1375	61.0	1412	64.7
15390	5400	1059	35.7	1101	38.9	1142	41.9	1184	45.1	1226	48.7	1267	52.4	1418	56.1	1346	59.9	1384	63.7	1421	67.6
15960	5600	1075	38.0	1118	41.4	1158	44.6	1198	47.8	1237	51.1	1278	54.9	1419	58.8	1356	62.7	1394	66.6	1431	70.6
16530	5800	1089	40.2	1134	44.0	1174	47.4	1212	50.7	1251	54.0	1289	57.5	1419	61.6	1367	65.6	1404	69.6	1440	73.6
17100	6000	1103	42.4	1150	46.6	1191	50.3	1228	53.7	1265	57.1	1303	60.6	1420	64.3	1377	68.5	1414	72.7	1450	76.8
17670	6200	1117	44.6	1154	49.1	1207	53.2	1245	57.0	1280	60.4	1317	63.9	1424	67.6	1389	71.5	1425	75.9	1461	80.1
18240	6400	1132	47.0	1178	51.6	1223	56.1	1261	60.1	1297	63.9	1331	67.5	1421	71.1	1401	74.9	1437	79.0	1472	83.5
18810	6600	1148	49.5	1192	54.1	1237	59.0	1277	63.3	1314	67.4	1347	71.2	1419	74.9	1415	78.7	1449	82.6	1483	86.9
19380	6800	1164	52.1	1207	56.8	1251	61.7	1293	66.6	1330	70.9	1365	75.0	1427	78.9	1430	82.7	1463	86.6	1495	90.6
19950	7000	1181	55.0	1223	59.6	1265	64.5	1307	69.8	1346	74.5	1380	78.8	1435	83.0	1445	86.9	1477	90.8	1509	94.9



INDUSTRIAL FAN

WHEEL DIA. 45 1/8"
OUTLET AREA 3.64 SQ FT
INLET DIA. 26"
INLET AREA 3.61 SQ FT

OPEN WHEEL
TYPE XO



SIZE 26

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5824	1600	326	1.67	384	2.39	433	3.14	478	3.88	518	4.62	555	5.39	590	6.16	622	6.90	653	7.65	710	9.24
6188	1700	331	1.81	388	2.56	437	3.35	481	4.15	522	4.93	559	5.72	593	6.55	626	7.36	656	8.15	713	9.76
6552	1800	338	1.98	392	2.74	441	3.57	485	4.41	525	5.26	562	6.07	597	6.92	629	7.80	660	8.66	716	10.3
6916	1900	344	2.18	397	2.94	445	3.80	488	4.67	529	5.57	566	6.45	600	7.31	632	8.23	663	9.15	720	10.9
7280	2000	352	2.38	401	3.14	449	4.03	492	4.95	532	5.88	569	6.82	604	7.75	636	8.66	667	9.62	724	11.5
7644	2100	359	2.58	407	3.37	454	4.28	497	5.23	536	6.21	573	7.19	607	8.18	639	9.14	670	10.1	727	12.1
8008	2200	365	2.79	413	3.63	458	4.55	501	5.52	540	6.54	576	7.56	611	8.60	643	9.64	673	10.6	731	12.7
8372	2300	372	2.98	420	3.92	463	4.81	505	5.83	544	6.87	580	7.94	614	9.02	646	10.1	677	11.2	734	13.2
8736	2400	378	3.20	427	4.22	468	5.10	510	6.15	548	7.23	584	8.33	618	9.45	650	10.5	681	11.7	737	13.9
9100	2500	385	3.42	434	4.53	475	5.45	514	6.49	552	7.59	588	8.73	622	9.88	654	11.0	684	12.2	741	14.5
9464	2600	392	3.67	442	4.84	481	5.81	519	6.82	557	7.97	592	9.14	626	10.3	657	11.5	688	12.7	745	15.2
9828	2700	400	3.95	448	5.14	488	6.21	525	7.20	561	8.37	597	9.56	630	10.8	661	12.0	691	13.3	748	15.8
10192	2800	408	4.25	454	5.44	495	6.62	531	7.63	566	8.77	601	10.0	634	11.2	665	12.5	695	13.8	752	16.4
10556	2900	417	4.56	460	5.75	503	7.03	537	8.09	571	9.19	606	10.4	638	11.7	670	13.0	699	14.4	755	17.1
10920	3000	425	4.91	467	6.08	510	7.44	544	8.58	577	9.68	611	10.9	643	12.2	674	13.6	703	14.9	759	17.7
11648	3200	443	5.66	481	6.81	522	8.24	559	9.60	590	10.7	621	11.9	652	13.3	683	14.7	712	16.1	767	19.1
12376	3400	461	6.53	497	7.68	535	9.07	573	10.6	605	11.9	634	13.2	663	14.4	692	15.9	721	17.4	775	20.5
13104	3600	480	7.52	514	8.62	549	10.0	585	11.6	619	13.2	648	14.5	675	15.8	703	17.2	730	18.7	784	21.9
13832	3800	499	8.62	531	9.70	564	11.0	598	12.6	632	14.4	662	16.0	689	17.4	715	18.7	741	20.2	793	23.5
14560	4000	519	9.82	549	10.9	581	12.2	612	13.8	645	15.6	677	17.4	704	19.0	728	20.5	753	21.9	803	25.1
15288	4200	539	11.1	568	12.2	597	13.5	627	15.1	658	16.9	689	18.8	718	20.6	743	22.3	767	23.8	814	26.9
16016	4400	558	12.6	586	13.7	615	15.0	643	16.6	672	18.3	701	20.2	731	22.3	757	24.1	782	25.9	826	29.0
16744	4600	579	14.2	606	15.3	633	16.6	660	18.1	686	19.8	715	21.8	743	23.8	771	26.0	796	27.9	840	31.3
17472	4800	600	15.9	625	17.1	651	18.4	677	19.9	703	21.6	729	23.4	756	25.6	783	27.8	810	30.0	855	33.8
18200	5000	620	17.8	645	19.0	670	20.3	694	21.8	719	23.4	744	25.3	770	27.4	796	29.6	822	32.0	869	36.2
18928	5200	641	19.9	665	21.0	689	22.4	712	23.8	736	25.5	760	27.4	784	29.3	810	31.6	834	33.9	883	38.7
19656	5400	662	22.1	685	23.3	708	24.7	731	26.0	754	27.7	777	29.5	800	31.6	824	33.7	848	36.1	896	41.1
20384	5600	683	24.5	706	25.7	728	27.0	750	28.5	772	30.1	794	32.0	816	34.0	838	36.0	862	38.4	908	43.5
21112	5800	704	27.0	726	28.3	747	29.6	768	31.1	790	32.7	811	34.5	833	36.5	854	38.7	876	40.9	921	45.9
21840	6000	725	29.7	747	31.0	768	32.3	788	33.9	808	35.4	829	37.3	850	39.2	871	41.4	891	43.6	934	48.6

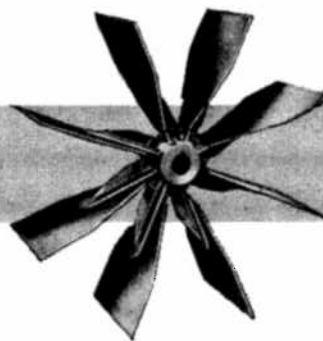
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9464	2600	797	17.5	846	20.0	892	22.5	935	25.0	976	27.5	1015	29.9	1053	32.3	1089	34.8	1125	37.4	1159	40.0
9828	2700	800	18.3	849	20.8	895	23.3	938	26.0	980	28.5	1019	31.1	1056	33.6	1093	36.1	1128	38.7	1162	41.4
10192	2800	804	19.1	852	21.6	898	24.2	942	26.9	983	29.6	1022	32.3	1060	35.0	1096	37.5	1131	40.1	1165	42.8
10556	2900	807	19.8	856	22.5	902	25.1	945	27.9	987	30.7	1026	33.5	1064	36.2	1100	39.0	1135	41.6	1169	44.3
10920	3000	811	20.5	860	23.3	905	26.1	948	28.8	990	31.7	1030	34.7	1067	37.5	1103	40.4	1138	43.2	1172	46.0
11648	3200	818	22.0	867	25.0	912	28.0	956	31.0	997	33.9	1036	36.9	1074	40.0	1111	43.1	1145	46.1	1179	49.2
12376	3400	826	23.6	874	26.7	919	29.9	963	33.1	1004	36.3	1043	39.4	1081	42.5	1117	45.8	1153	49.1	1187	52.4
13104	3600	834	25.2	882	28.5	927	31.9	970	35.2	1011	38.6	1050	42.0	1088	45.3	1124	48.5	1159	51.9	1193	55.4
13832	3800	843	26.9	890	30.3	935	33.8	977	37.4	1018	40.9	1057	44.5	1095	48.1	1131	51.6	1166	55.0	1200	58.5
14560	4000	852	28.6	898	32.2	943	35.9	985	39.6	1025	43.3	1064	47.0	1102	50.8	1138	54.6	1173	58.4	1207	62.0
15288	4200	861	30.5	907	34.2	951	38.0	993	41.8	1033	45.7	1072	49.6	1109	53.5	1145	57.5	1180	61.5	1214	65.4
16016	4400	871	32.4	916	36.3	960	40.2	1001	44.2	1041	48.2	1080	52.3	1116	56.3	1152	60.5	1187	64.6	1221	68.8
16744	4600	883	34.7	926	38.5	969	42.5	1010	46.6	1050	50.8	1088	55.0	1125	59.3	1160	63.5	1194	67.8	1228	72.1
17472	4800	896	37.2	937	40.8	978	45.0	1019	49.2	1058	53.4	1096	57.8	1133	62.2	1168	66.7	1202	71.1	1235	75.6
18200	5000	909	39.9	949	43.5	989	47.4	1028	51.9	1067	56.3	1105	60.7	1141	65.3	1176	69.8	1211	74.5	1243	79.0
18928	5200	924	42.8	962	46.5	1000	50.3	1038	54.6	1077	59.2	1114	63.8	1150	68.4	1185	73.1	1219	77.9	1252	82.7
19656	5400	938	45.6	976	49.6	1013	53.5	1049	57.6	1086	62.2	1123	67.0	1159	71.7	1193	76.5	1227	81.4	1260	86.3
20384	5600	953	48.5	991	52.9	1026	57.0	1062	61.0	1097	65.3	1133	70.2	1168	75.2	1202	80.1	1235	85.0	1268	90.1
21112	5800	966	51.4	1005	56.2	1041	60.6	1075	64.7	1109	69.0	1143	73.5	1178	78.6	1211	83.8	1244	88.9	1277	94.0
21840	6000	978	54.1	1019	59.5	1055	64.2	1088	68.6	1122	73.0	1155	77.4	1188	82.2	1221	87.6	1254	92.9	1286	98.1
22568	6200	990	56.9	1032	62.7	1070	67.9	1104	72.8	1135	77.2	1167	81.7	1199	86.3	1231	91.3	1263	96.9	1295	102
23296	6400	1004	60.0	1044	65.9	1084	71.7	1118	76.8	1150	81.6	1180	86.2	1211	90.8	1242	95.7	1273	101	1305	106
24024	6600	1018	63.2	1057	69.1	1096	75.3	1132	80.9	1164	86.1	1194	90.9	1224	95.6	1255	100	1284	105	1315	111
24752	6800	1032	66.6	1070	72.6	1108	78.8	1146	85.1	1179	90.6	1210	95.9	1238	100	1267	105	1297	110	1326	115
25480	7000	1047	70.3	1084	76.2	1121	82.4	1158	89.1	1193	95.1	1224	100	1253	106	1281	111	1309	116	1338	121



INDUSTRIAL FAN

WHEEL DIA. 50 1/2"
OUTLET AREA 4.56 SQ FT
INLET DIA. 29"
INLET AREA 4.43 SQ FT

OPEN WHEEL
TYPE XO



SIZE 29

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7296	1600	291	2.09	343	2.99	387	3.93	427	4.86	463	5.78	496	6.76	527	7.71	556	8.64	583	9.58	635	11.5
7752	1700	296	2.27	346	3.21	390	4.19	430	5.19	466	6.17	499	7.17	530	8.20	559	9.22	586	10.2	637	12.2
8208	1800	302	2.48	350	3.44	394	4.47	433	5.52	469	6.58	502	7.60	533	8.68	562	9.77	589	10.8	640	12.9
8664	1900	308	2.73	354	3.69	398	4.75	436	5.85	472	6.98	505	8.09	536	9.16	565	10.3	593	11.4	643	13.7
9120	2000	314	2.98	359	3.94	401	5.05	440	6.20	475	7.37	509	8.55	539	9.70	568	10.8	596	12.0	647	14.4
9576	2100	321	3.24	364	4.22	405	5.36	444	6.55	479	7.77	512	9.01	543	10.2	571	11.4	599	12.6	650	15.2
10032	2200	327	3.50	369	4.55	409	5.70	447	6.92	482	8.19	515	9.47	546	10.7	575	12.0	602	13.3	653	15.9
10488	2300	332	3.74	375	4.91	414	6.03	451	7.30	486	8.61	518	9.95	549	11.3	578	12.6	605	14.0	656	16.6
10944	2400	338	4.00	382	5.29	419	6.39	455	7.70	490	9.06	522	10.4	552	11.8	581	13.2	608	14.6	659	17.4
11400	2500	344	4.29	388	5.67	424	6.82	460	8.13	494	9.51	526	10.9	556	12.3	584	13.8	611	15.3	662	18.2
11856	2600	350	4.60	395	6.06	430	7.28	464	8.55	498	9.99	529	11.4	559	12.9	587	14.4	614	15.9	665	19.0
12312	2700	357	4.95	400	6.44	436	7.78	469	9.02	502	10.5	533	11.9	563	13.5	591	15.0	618	16.6	668	19.8
12768	2800	365	5.32	406	6.81	443	8.29	474	9.56	506	11.0	537	12.5	567	14.1	595	15.7	621	17.3	672	20.6
13224	2900	372	5.71	411	7.20	449	8.80	480	10.1	511	11.5	541	13.1	570	14.7	598	16.3	625	18.0	675	21.4
13680	3000	380	6.15	418	7.61	455	9.32	486	10.7	516	12.1	546	13.7	574	15.3	602	17.0	629	18.7	678	22.2
14592	3200	395	7.10	430	8.53	467	10.3	499	12.0	527	13.5	555	14.9	583	16.7	610	18.4	636	20.2	685	23.9
15504	3400	412	8.18	444	9.62	478	11.3	512	13.3	540	15.0	566	16.5	592	18.1	618	19.9	644	21.8	693	25.6
16416	3600	429	9.42	459	10.8	491	12.5	523	14.5	553	16.5	579	18.2	603	19.8	628	21.5	653	23.5	701	27.5
17328	3800	446	10.8	475	12.1	504	13.8	535	15.8	565	18.0	592	20.0	616	21.8	639	23.5	662	25.3	709	29.5
18240	4000	463	12.3	491	13.6	519	15.3	547	17.3	576	19.5	605	21.8	629	23.8	651	25.7	673	27.5	717	31.5
19152	4200	481	13.9	507	15.3	534	17.0	560	18.9	588	21.1	615	23.6	641	25.9	664	27.9	685	29.9	727	33.7
20064	4400	499	15.8	524	17.2	549	18.8	575	20.8	600	22.9	627	25.3	653	27.9	677	30.2	698	32.4	738	36.4
20976	4600	517	17.8	541	19.2	565	20.8	590	22.7	613	24.8	639	27.3	664	29.9	689	32.6	711	35.0	750	39.2
21888	4800	536	20.0	559	21.4	582	23.0	605	24.9	628	27.1	651	29.4	676	32.0	700	34.8	724	37.6	764	42.3
22800	5000	554	22.3	576	23.8	598	25.5	621	27.3	643	29.4	665	31.7	688	34.3	711	37.1	735	40.1	776	45.3
23712	5200	573	24.9	595	26.4	615	28.0	637	29.8	658	32.0	679	34.3	701	36.8	723	39.6	746	42.5	789	48.5
24624	5400	591	27.7	612	29.2	633	30.9	653	32.6	674	34.7	694	37.0	715	39.6	736	42.2	757	45.2	800	51.5
25536	5600	611	30.7	631	32.2	650	33.9	670	35.8	689	37.7	709	40.0	729	42.6	749	45.2	770	48.1	811	54.4
26448	5800	629	33.9	649	35.4	668	37.1	687	39.0	706	40.9	725	43.2	744	45.7	763	48.5	783	51.2	823	57.6
27360	6000	648	37.2	667	38.8	686	40.5	704	42.5	722	44.4	741	46.7	759	49.2	778	51.9	796	54.6	835	60.9

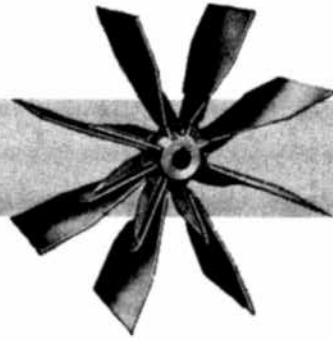
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11856	2600	712	22.0	756	25.0	797	28.2	835	31.3	872	34.5	907	37.4	941	40.5	974	43.6	1005	46.8	1036	50.2
12312	2700	715	23.0	759	26.0	800	29.3	839	32.6	875	35.8	910	39.0	944	42.1	976	45.2	1008	48.5	1039	51.9
12768	2800	718	23.9	762	27.1	803	30.3	842	33.7	878	37.1	914	40.5	947	43.8	980	47.0	1011	50.3	1041	53.6
13224	2900	721	24.8	765	28.2	806	31.5	844	34.9	882	38.5	917	41.9	950	45.4	983	48.9	1014	52.2	1044	55.6
13680	3000	725	25.7	768	29.3	809	32.7	848	36.1	884	39.7	920	43.5	954	47.0	986	50.6	1017	54.2	1047	57.6
14592	3200	731	27.6	774	31.4	815	35.1	854	38.9	891	42.5	926	46.2	960	50.1	992	54.0	1024	57.8	1054	61.7
15504	3400	738	29.6	781	33.5	822	37.5	860	41.5	897	45.5	932	49.3	966	53.2	998	57.3	1030	61.5	1060	65.6
16416	3600	746	31.6	788	35.7	828	39.9	867	44.1	903	48.4	939	52.7	972	56.7	1004	60.8	1036	65.0	1066	69.4
17328	3800	753	33.7	795	38.0	835	42.4	873	46.8	910	51.3	945	55.8	978	60.3	1011	64.7	1042	68.9	1072	73.3
18240	4000	761	35.9	803	40.4	842	44.9	880	49.6	916	54.2	951	58.9	985	63.7	1017	68.4	1049	73.1	1079	77.6
19152	4200	770	38.3	811	42.9	850	47.6	887	52.4	923	57.3	958	62.2	991	67.1	1023	72.1	1055	77.0	1085	82.0
20064	4400	779	40.6	819	45.5	858	50.4	895	55.4	931	60.4	965	65.5	998	70.6	1030	75.8	1061	81.0	1091	86.2
20976	4600	789	43.5	828	48.2	866	53.3	902	58.4	938	63.6	972	68.9	1005	74.2	1037	79.6	1067	85.0	1098	90.4
21888	4800	800	46.6	837	51.1	874	56.4	911	61.6	946	67.0	980	72.4	1012	77.9	1044	83.5	1074	89.0	1104	94.7
22800	5000	812	50.0	848	54.6	883	59.4	919	65.0	954	70.5	987	76.1	1020	81.8	1051	87.5	1082	93.3	1111	99.0
23712	5200	826	53.6	860	58.2	894	63.1	928	68.4	962	74.2	995	79.9	1027	85.7	1059	91.6	1089	97.5	1118	103
24624	5400	839	57.1	872	62.2	905	67.1	938	72.1	971	77.9	1003	83.9	1035	89.8	1066	95.8	1096	102	1126	108
25536	5600	851	60.8	886	66.3	917	71.4	949	76.5	980	81.8	1012	87.9	1044	94.2	1074	100	1104	106	1133	113
26448	5800	863	64.3	898	70.4	930	75.9	960	81.1	991	86.5	1021	92.1	1052	98.5	1082	105	1112	111	1141	117
27360	6000	874	67.8	911	74.6	943	80.5	973	86.0	1002	91.4	1032	97.0	1061	103	1091	109	1120	116	1149	122
28272	6200	885	71.3	922	78.6	956	85.1	986	91.2	1014	96.7	1043	102	1071	108	1100	114	1129	121	1157	128
29184	6400	897	75.2	933	82.6	969	89.9	999	96.2	1027	102	1055	108	1083	113	1110	119	1138	126	1166	133
30096	6600	909	79.2	944	86.6	980	94.4	1012	101	1040	107	1067	113	1094	119	1121	126	1148	132	1175	139
31008	6800	922	83.4	956	90.9	991	98.8	1024	106	1053	113	1081	120	1106	126	1132	132	1159	138	1184	145
31920	7000	935	88.0	969	95.4	1002	103	1035	111	1066	119	1093	126	1120	132	1144	139	1170	145	1195	152



INDUSTRIAL FAN

WHEEL DIA. 57½"
OUTLET AREA 5.91 SQ FT
INLET DIA. 33"
INLET AREA 5.79 SQ FT

OPEN WHEEL
TYPE XO



SIZE 33

CFM	Outlet Velocity	1" SP		1½" SP		2" SP		2½" SP		3" SP		3½" SP		4" SP		4½" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9456	1600	256	2.71	301	3.87	340	5.09	375	6.30	407	7.49	436	8.76	463	10.0	488	11.2	512	12.4	557	15.0
10047	1700	260	2.94	304	4.16	343	5.43	378	6.73	409	8.00	438	9.29	466	10.6	491	11.9	515	13.2	560	15.8
10638	1800	265	3.22	308	4.46	346	5.79	381	7.16	412	8.53	441	9.85	468	11.2	494	12.6	518	14.0	562	16.7
11229	1900	270	3.53	311	4.78	349	6.16	383	7.59	415	9.04	444	10.4	471	11.8	496	13.3	521	14.8	565	17.8
11820	2000	276	3.86	315	5.10	353	6.54	386	8.03	418	9.55	447	11.0	474	12.5	499	14.0	523	15.6	568	18.7
12411	2100	282	4.20	319	5.47	356	6.95	390	8.49	420	10.0	449	11.6	476	13.2	502	14.8	526	16.4	571	19.7
13002	2200	287	4.53	324	5.89	360	7.38	393	8.97	424	10.6	452	12.2	479	13.9	505	15.6	529	17.2	573	20.6
13593	2300	292	4.85	329	6.36	363	7.81	396	9.47	427	11.1	455	12.9	482	14.6	507	16.4	531	18.1	576	21.5
14184	2400	297	5.19	335	6.86	368	8.28	400	9.99	430	11.7	458	13.5	485	15.3	510	17.1	534	19.0	579	22.5
14775	2500	302	5.56	341	7.35	372	8.84	404	10.5	433	12.3	462	14.1	488	16.0	513	17.9	537	19.8	582	23.6
15366	2600	308	5.96	347	7.86	377	9.44	407	11.0	437	12.9	465	14.8	491	16.7	516	18.7	540	20.7	584	24.6
15957	2700	314	6.41	352	8.35	383	10.0	412	11.7	441	13.6	468	15.5	494	17.5	519	19.5	543	21.5	587	25.7
16548	2800	320	6.90	356	8.82	389	10.7	417	12.4	444	14.2	472	16.2	498	18.3	522	20.3	546	22.4	590	26.7
17139	2900	327	7.40	361	9.33	394	11.4	422	13.1	448	14.9	475	17.0	501	19.0	525	21.2	549	23.4	593	27.7
17730	3000	333	7.97	367	9.87	400	12.0	427	13.9	453	15.7	479	17.7	504	19.9	529	22.1	552	24.3	596	28.8
18912	3200	347	9.20	378	11.0	410	13.3	439	15.5	463	17.5	487	19.4	512	21.6	536	23.9	559	26.2	602	31.0
20094	3400	362	10.6	390	12.4	420	14.7	450	17.2	475	19.4	497	21.4	520	23.5	543	25.9	566	28.3	608	33.2
21276	3600	376	12.2	401	14.0	431	16.2	459	18.8	486	21.4	508	23.6	530	25.7	551	27.9	573	30.5	615	35.6
22458	3800	392	14.0	417	15.7	443	17.9	469	20.5	496	23.4	520	25.9	541	28.2	561	30.5	581	32.8	622	38.2
23640	4000	407	15.9	431	17.7	456	19.9	480	22.4	506	25.3	531	28.3	552	30.9	572	33.3	591	35.6	630	40.8
24822	4200	423	18.1	445	19.8	469	22.0	492	24.5	516	27.4	541	30.6	563	33.6	583	36.2	602	38.7	639	43.7
26004	4400	438	20.5	460	22.3	482	24.4	505	26.9	527	29.7	550	32.9	574	36.2	594	39.2	613	42.0	648	47.1
27186	4600	454	23.1	476	24.9	496	27.0	518	29.4	539	32.2	561	35.4	583	38.8	605	42.2	624	45.3	659	50.9
28368	4800	471	25.9	491	27.8	511	29.8	531	32.3	552	35.1	572	38.1	593	41.5	615	45.1	636	48.7	671	54.8
29550	5000	487	29.0	506	30.9	526	33.0	545	35.4	565	38.1	584	41.1	604	44.5	625	48.1	645	51.9	682	58.8
30732	5200	503	32.3	522	34.2	540	36.4	559	38.7	578	41.4	597	44.5	615	47.7	635	51.3	655	55.1	693	62.8
31914	5400	519	35.9	538	37.8	556	40.1	574	42.3	592	45.0	610	48.0	628	51.3	646	54.8	665	58.6	703	66.8
33096	5600	536	39.7	554	41.8	571	43.9	588	46.4	606	48.9	623	51.9	641	55.2	658	58.5	676	62.4	713	70.6
34278	5800	553	43.9	570	45.9	586	48.1	603	50.5	620	53.1	637	56.0	654	59.2	670	62.8	687	66.4	723	74.6
35460	6000	569	48.3	586	50.3	603	52.5	619	55.1	634	57.6	651	60.5	667	63.7	683	67.2	699	70.8	733	78.9

CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
15366	2600	625	28.5	664	32.4	700	36.6	734	40.6	766	44.7	797	48.5	826	52.4	855	56.5	883	60.7	910	65.0
15957	2700	628	29.8	666	33.7	702	37.9	736	42.2	769	46.4	800	50.6	829	54.6	858	58.7	885	62.9	912	67.2
16548	2800	631	31.0	669	35.1	705	39.3	739	43.7	772	48.1	802	52.5	832	56.8	860	60.9	888	65.2	915	69.5
17139	2900	634	32.2	672	36.6	708	40.8	742	45.2	774	49.9	805	54.4	835	58.9	863	63.3	891	67.6	917	72.0
17730	3000	636	33.4	675	37.9	710	42.4	744	46.8	777	51.5	808	56.3	837	60.9	866	65.6	893	70.2	920	74.6
18912	3200	642	35.8	680	40.7	716	45.5	750	50.4	782	55.1	813	59.9	843	65.0	872	70.1	899	75.0	926	80.0
20094	3400	648	38.3	686	43.4	722	48.6	756	53.8	788	59.0	819	64.0	848	69.0	877	74.3	905	79.7	931	85.1
21276	3600	655	40.9	692	46.3	727	51.7	761	57.2	793	62.7	824	68.3	854	73.5	882	78.8	910	84.3	936	90.0
22458	3800	661	43.6	698	49.3	733	55.0	767	60.7	799	66.5	830	72.3	859	78.1	888	83.9	915	89.4	942	95.0
23640	4000	669	46.5	705	52.3	740	58.3	773	64.3	805	70.3	835	76.4	865	82.6	893	88.6	921	94.8	947	100
24822	4200	676	49.6	712	55.6	746	61.7	779	67.9	811	74.2	841	80.6	870	87.0	899	93.5	926	99.8	953	106
26004	4400	684	52.7	719	59.0	753	65.3	786	71.8	817	78.3	847	84.9	876	91.5	904	98.2	932	105	958	111
27186	4600	693	56.3	727	62.5	760	69.1	793	75.7	824	82.5	854	89.3	883	96.2	910	103	937	110	964	117
28368	4800	703	60.4	735	66.3	768	73.1	800	79.9	830	86.8	860	93.9	889	101	917	108	944	115	970	122
29550	5000	714	64.8	745	70.7	776	77.0	807	84.3	837	91.4	867	98.6	896	106	923	113	950	121	976	128
30732	5200	725	69.5	755	75.5	785	81.8	815	88.6	845	96.2	874	103	902	111	930	118	956	126	982	134
31914	5400	736	74.1	766	80.6	795	86.9	824	93.5	853	101	881	108	909	116	936	124	963	132	989	140
33096	5600	748	78.8	778	86.0	805	92.5	833	99.1	861	106	889	114	916	122	943	130	970	138	995	146
34278	5800	758	83.4	789	91.3	817	98.4	843	105	870	112	897	119	924	127	951	136	977	144	1002	152
35460	6000	767	87.9	800	96.6	828	104	854	111	880	118	906	125	932	133	958	142	984	150	1009	159
36642	6200	777	92.5	810	102	839	110	866	118	891	125	916	132	941	140	966	148	991	157	1016	166
37824	6400	788	97.4	820	107	851	116	877	124	902	132	926	140	951	147	975	155	999	164	1024	173
39006	6600	799	102	829	112	860	122	888	131	914	139	937	147	961	155	985	163	1008	171	1032	180
40188	6800	810	108	840	117	870	128	899	138	925	147	949	155	972	163	995	171	1018	179	1040	188
41370	7000	821	114	851	123	880	133	909	144	936	154	960	163	983	172	1005	180	1027	188	1050	196

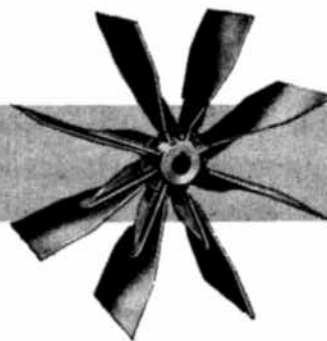


INDUSTRIAL FAN

WHEEL DIA. 64 3/8"
OUTLET AREA 7.41 SQ FT
INLET DIA. 37"
INLET AREA 7.21 SQ FT

OPEN WHEEL
TYPE XO

SIZE 37



CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11856	1600	229	3.39	269	4.86	304	6.38	335	7.90	363	9.40	389	10.9	413	12.5	436	14.0	457	15.5	498	18.8
12597	1700	232	3.68	272	5.21	306	6.81	337	8.44	366	10.0	392	11.6	416	13.3	438	14.9	460	16.6	500	19.8
13338	1800	237	4.03	275	5.58	309	7.26	340	8.97	368	10.7	394	12.3	418	14.1	441	15.8	462	17.6	502	21.0
14079	1900	241	4.43	278	5.99	312	7.72	342	9.52	371	11.3	396	13.1	421	14.8	443	16.7	465	18.6	505	22.3
14820	2000	247	4.84	281	6.40	315	8.21	345	10.0	373	11.9	399	13.9	423	15.7	446	17.6	467	19.6	507	23.5
15561	2100	252	5.26	285	6.85	318	8.71	348	10.6	376	12.6	401	14.6	426	16.6	448	18.6	470	20.5	510	24.7
16302	2200	256	5.68	290	7.39	321	9.25	351	11.2	378	13.3	404	15.4	428	17.5	451	19.6	472	21.6	512	25.8
17043	2300	260	6.08	294	7.98	325	9.80	354	11.8	381	14.0	407	16.1	430	18.3	453	20.5	475	22.7	514	27.0
17784	2400	265	6.51	300	8.60	328	10.3	357	12.5	384	14.7	409	16.9	433	19.2	456	21.5	477	23.8	517	28.3
18525	2500	270	6.97	305	9.22	333	11.0	360	13.2	387	15.4	412	17.7	436	20.1	458	22.5	480	24.9	519	29.6
19266	2600	275	7.47	310	9.85	337	11.8	364	13.9	390	16.2	415	18.6	439	21.0	461	23.4	482	25.9	522	30.9
20007	2700	280	8.04	314	10.4	342	12.6	368	14.6	394	17.0	418	19.4	442	21.9	464	24.5	485	27.0	524	32.2
20748	2800	286	8.65	318	11.0	347	13.4	372	15.5	397	17.8	421	20.3	444	22.9	466	25.5	487	28.1	527	33.5
21489	2900	292	9.28	323	11.7	352	14.3	377	16.4	401	18.7	425	21.3	447	23.9	469	26.6	490	29.3	529	34.8
22230	3000	298	9.99	328	12.3	357	15.1	382	17.4	405	19.7	428	22.2	451	24.9	472	27.7	493	30.4	532	36.1
23712	3200	310	11.5	337	13.8	366	16.7	392	19.5	414	21.9	435	24.3	457	27.1	479	30.0	499	32.9	538	38.8
25194	3400	323	13.3	349	15.6	375	18.4	402	21.6	424	24.4	444	26.8	465	29.4	485	32.4	505	35.5	544	41.7
26676	3600	336	15.3	360	17.5	385	20.3	410	23.6	434	26.8	454	29.6	473	32.3	492	35.0	512	38.2	550	44.7
28158	3800	350	17.5	372	19.7	395	22.5	419	25.8	443	29.4	464	32.5	483	35.4	501	38.2	519	41.1	556	47.9
29640	4000	363	20.0	385	22.2	407	25.0	429	28.1	452	31.7	474	35.5	493	38.7	511	41.7	528	44.7	563	51.2
31122	4200	378	22.7	398	24.9	419	27.6	439	30.7	461	34.4	483	38.3	503	42.1	521	45.4	537	48.5	571	54.8
32304	4400	391	25.7	411	27.9	431	30.6	451	33.8	471	37.2	492	41.2	512	45.4	531	49.2	548	52.7	579	59.1
34086	4600	406	29.0	425	31.2	443	33.8	463	36.9	481	40.4	501	44.4	521	48.6	541	53.0	558	56.8	589	63.8
35568	4800	420	32.5	438	34.8	456	37.4	474	40.5	493	44.0	511	47.8	530	52.1	549	56.6	568	61.1	599	68.8
37050	5000	435	36.3	452	38.7	469	41.4	487	44.3	504	47.8	522	51.6	540	55.8	558	60.3	576	65.1	609	73.7
33532	5200	449	40.6	465	42.9	483	45.6	499	48.5	516	52.0	533	55.8	550	59.8	567	64.3	585	69.1	619	78.8
40014	5400	464	45.0	480	47.5	497	50.2	512	53.1	528	56.4	545	60.2	561	64.3	577	68.7	594	73.5	628	83.7
41496	5600	479	49.8	495	52.4	510	55.1	526	58.1	541	61.3	556	65.1	572	69.2	588	73.4	604	78.2	636	88.5
42978	5800	494	55.1	509	57.6	524	60.4	539	63.4	554	66.5	569	70.3	584	74.3	599	78.8	614	83.2	646	93.6
44460	6000	508	60.6	524	63.1	538	65.9	553	69.1	567	72.2	581	75.9	596	79.9	610	84.3	625	88.8	655	99.0

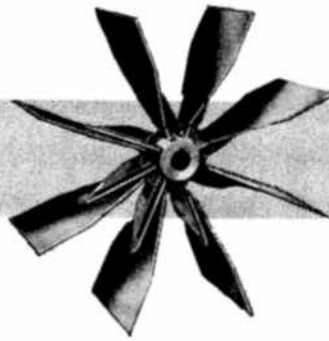
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
19266	2600	558	35.8	593	40.7	625	45.9	655	50.9	684	56.0	712	60.8	738	65.8	764	70.9	789	76.1	813	81.5
20007	2700	561	37.4	595	42.3	627	47.6	658	52.9	687	58.1	714	63.4	741	68.4	766	73.6	791	78.8	815	84.3
20748	2800	564	38.8	598	44.1	630	49.3	660	54.9	689	60.3	717	65.8	743	71.2	768	76.1	793	81.7	817	87.2
21489	2900	566	40.3	600	45.9	632	51.2	662	56.7	692	62.5	719	68.2	746	73.8	771	79.4	795	84.8	819	90.3
22230	3000	568	41.8	603	47.6	635	53.2	665	58.7	694	64.6	722	70.6	748	76.4	773	82.2	798	88.0	822	93.6
23712	3200	573	44.9	608	51.0	640	57.1	670	63.2	699	69.0	725	75.2	753	81.5	779	87.9	803	94.0	827	100
25194	3400	579	48.1	613	54.5	645	61.0	675	67.5	704	74.0	731	80.2	758	86.5	783	93.2	808	100	832	106
26676	3600	585	51.3	618	58.1	650	64.9	680	71.8	709	78.7	736	85.6	763	92.2	788	98.8	812	105	836	112
28158	3800	591	54.7	624	61.8	655	68.9	685	76.1	714	83.4	741	90.7	768	97.9	793	105	817	112	841	119
29640	4000	597	58.4	630	65.6	661	73.1	690	80.6	719	88.2	746	95.8	773	103	798	111	823	118	846	126
31122	4200	604	62.2	636	69.7	667	77.4	696	85.2	724	93.1	751	101	777	109	803	117	827	125	851	133
32604	4400	611	66.1	642	74.0	673	81.9	702	90.0	730	98.2	757	106	783	114	808	123	832	131	856	140
34086	4600	619	70.7	649	78.4	679	86.7	708	94.9	736	103	763	112	788	120	813	129	837	138	861	146
35568	4800	628	75.8	657	83.1	686	91.6	714	100	742	108	768	117	794	126	819	135	843	144	866	153
37050	5000	637	81.3	665	88.7	693	95.6	721	105	748	114	774	123	800	133	825	142	849	151	872	161
38532	5200	648	87.1	674	94.7	701	102	728	111	755	120	781	129	806	139	830	149	854	158	877	168
40014	5400	658	92.9	684	101	710	109	736	117	762	126	787	136	812	146	836	155	860	165	883	175
41496	5600	668	98.8	695	107	719	116	744	124	769	133	794	143	819	153	843	163	866	173	889	183
42978	5800	677	104	705	114	729	123	753	131	777	140	801	149	825	160	849	170	872	181	895	191
44460	6000	685	110	715	121	740	130	763	139	786	148	809	157	832	167	856	178	879	189	901	199
45942	6200	694	116	724	127	750	138	774	148	796	157	818	166	841	175	863	186	886	197	908	208
47424	6400	704	122	732	134	760	146	784	156	806	166	827	175	849	185	871	194	893	205	915	217
48906	6600	713	128	741	140	768	153	793	164	816	175	837	185	858	194	879	204	900	214	922	226
50388	6800	723	135	750	147	777	160	803	173	826	184	848	195	868	205	888	215	909	225	929	235
51870	7000	734	143	760	155	786	167	812	181	836	193	858	205	878	215	898	226	918	236	938	246



INDUSTRIAL FAN

WHEEL DIA. 71 1/4"
OUTLET AREA 9.12 SQ FT
INLET DIA. 41"
INLET AREA 8.84 SQ FT

OPEN WHEEL
TYPE XO



SIZE **41**

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
14592	1600	207	4.17	243	5.98	274	7.85	303	9.72	328	11.5	352	13.5	373	15.4	394	17.3	413	19.1	450	23.1
15504	1700	210	4.53	246	6.42	277	8.38	305	10.3	330	12.3	354	14.3	376	16.4	396	18.4	416	20.4	452	24.4
16416	1800	214	4.97	248	6.87	279	8.94	307	11.0	333	13.1	356	15.2	378	17.3	398	19.5	418	21.7	454	25.9
17328	1900	218	5.45	251	7.37	282	9.51	309	11.7	335	13.9	358	16.1	380	18.3	401	20.6	420	22.9	456	27.4
18240	2000	223	5.96	254	7.87	284	10.1	312	12.4	337	14.7	360	17.1	382	19.4	403	21.7	422	24.1	458	28.9
19152	2100	227	6.48	258	8.44	287	10.7	314	13.1	339	15.5	363	18.0	385	20.5	405	22.9	424	25.3	461	30.4
20064	2200	231	6.99	262	9.10	290	11.3	317	13.8	342	16.3	365	18.9	387	21.5	407	24.1	427	26.6	463	31.8
20976	2300	235	7.48	266	9.82	293	12.0	320	14.6	344	17.2	367	19.9	389	22.6	409	25.3	429	28.0	465	33.2
21888	2400	239	8.01	271	10.5	297	12.7	323	15.4	347	18.1	370	20.8	391	23.6	412	26.5	431	29.3	467	34.8
22800	2500	244	8.58	275	11.3	301	13.6	326	16.2	350	19.0	372	21.8	394	24.7	414	27.7	433	30.6	469	36.5
23712	2600	248	9.20	280	12.1	305	14.5	329	17.1	353	19.9	375	22.9	396	25.9	416	28.9	435	31.9	472	38.1
24624	2700	253	9.90	284	12.8	309	15.5	332	18.0	356	20.9	378	23.9	399	27.0	419	30.1	438	33.3	474	39.7
25536	2800	258	10.6	288	13.6	314	16.5	336	19.1	359	22.0	381	25.0	402	28.2	421	31.4	440	34.6	476	41.2
26448	2900	264	11.4	292	14.4	318	17.6	340	20.2	362	23.0	384	26.2	404	29.4	424	32.7	443	36.1	478	42.8
27360	3000	269	12.3	296	15.2	323	18.6	345	21.5	366	24.2	387	27.4	407	30.7	427	34.1	446	37.5	481	44.4
29184	3200	280	14.2	305	17.0	331	20.6	354	24.0	374	27.0	393	29.9	413	33.4	432	36.9	451	40.5	486	47.8
31008	3400	292	16.3	315	19.2	339	22.7	363	26.6	383	30.0	401	33.0	420	36.2	438	39.9	457	43.7	491	51.3
32832	3600	304	18.8	326	21.6	348	25.0	371	29.1	392	33.0	410	36.5	428	39.7	445	43.1	463	47.0	497	55.0
34656	3800	316	21.6	337	24.3	357	27.7	379	31.7	400	36.1	419	40.1	436	43.6	453	47.0	469	50.6	502	58.9
36480	4000	328	24.6	348	27.3	368	30.7	388	34.6	408	39.1	429	43.7	446	47.7	461	51.4	477	55.0	509	63.0
38304	4200	341	27.9	360	30.6	378	34.0	397	37.8	417	42.3	436	47.2	455	51.8	471	55.9	486	59.8	515	67.5
40128	4400	354	31.6	371	34.4	389	37.6	407	41.6	425	45.8	444	50.7	463	55.9	480	60.5	495	64.9	523	72.8
41952	4600	367	35.7	384	38.5	401	41.6	418	45.4	435	49.7	453	54.6	471	59.8	488	65.2	504	69.9	532	78.5
43776	4800	380	40.0	396	42.9	412	46.0	429	49.8	445	54.2	462	58.8	479	64.1	496	69.6	513	75.2	541	84.6
45600	5000	393	44.7	408	47.7	424	51.0	440	54.6	456	58.8	471	63.5	488	68.6	504	74.2	521	80.2	550	90.7
47424	5200	406	49.9	421	52.8	436	56.1	451	59.7	466	64.0	482	68.7	497	73.6	513	79.2	528	85.1	559	97.0
49248	5400	419	55.4	434	58.4	449	61.8	463	65.3	477	69.5	492	74.1	507	79.2	522	84.5	537	90.5	567	103
51072	5600	433	61.4	447	64.5	461	67.8	475	71.6	489	75.5	503	80.1	517	85.2	531	90.4	546	96.2	575	109
52896	5800	446	67.8	460	70.9	473	74.3	487	78.0	500	81.9	514	86.5	528	91.4	541	97.0	555	102	583	115
54720	6000	459	74.5	473	77.7	486	81.1	499	85.1	512	88.9	525	93.4	538	98.4	551	103	564	109	592	121

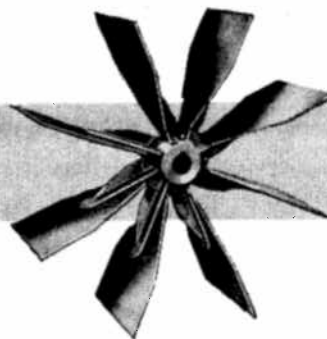
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
23712	2600	505	44.0	535	50.1	565	56.5	592	62.6	618	69.0	643	74.9	667	81.0	690	87.2	712	93.7	734	100
24624	2700	507	46.0	538	52.1	567	58.5	594	65.2	620	71.6	645	78.1	669	84.2	692	90.5	714	97.1	736	103
25536	2800	509	47.8	540	54.2	569	60.7	596	67.5	623	74.3	647	81.0	671	87.7	694	94.1	716	100	738	107
26448	2900	511	49.7	542	56.5	571	63.0	599	69.9	625	77.0	650	83.9	674	90.9	697	97.8	719	104	740	111
27360	3000	514	51.5	544	58.6	573	65.5	601	72.3	627	79.5	652	87.0	676	94.0	699	101	721	108	742	115
29184	3200	518	55.2	549	62.8	578	70.3	605	77.8	631	85.0	656	92.5	680	100	703	108	725	115	747	123
31008	3400	523	59.2	553	67.1	582	75.1	610	83.1	636	91.1	661	98.7	684	106	708	114	730	123	751	131
32832	3600	528	63.2	559	71.5	587	79.9	614	88.3	640	96.8	665	105	689	113	712	121	734	130	756	138
34656	3800	534	67.4	564	76.0	592	84.8	619	93.7	645	102	670	111	693	120	716	129	739	138	760	146
36480	4000	539	71.8	569	80.8	597	89.9	624	99.2	649	108	674	118	698	127	721	136	743	146	764	155
38304	4200	545	76.6	575	85.8	602	95.3	629	104	654	114	679	124	702	134	725	144	748	154	769	164
40128	4400	552	81.3	580	91.1	608	100	634	110	660	120	684	131	707	141	730	151	752	162	773	172
41952	4600	559	87.0	587	96.5	614	106	640	116	665	127	689	137	712	148	735	159	756	170	778	180
43776	4800	567	93.2	593	102	620	112	645	123	670	134	694	145	717	155	740	167	761	178	782	189
45600	5000	576	100	601	109	626	118	651	130	676	141	700	152	723	163	745	175	767	186	787	198
47424	5200	585	107	609	116	633	126	658	136	682	148	705	159	728	171	750	183	772	195	793	207
49248	5400	594	114	618	124	641	134	665	144	688	155	711	167	734	179	756	191	777	204	798	216
51072	5600	603	121	628	132	650	142	672	153	695	163	717	176	740	188	761	200	782	213	803	225
52896	5800	612	128	637	140	659	151	681	162	702	173	724	184	746	197	767	210	788	222	809	235
54720	6000	619	135	646	149	668	161	689	172	710	182	731	194	752	206	773	219	794	232	814	245
56544	6200	627	142	654	157	677	170	699	182	719	193	739	204	759	216	780	229	800	242	820	256
58368	6400	636	150	661	165	686	179	708	192	728	204	748	216	767	227	787	239	806	253	826	267
60192	6600	645	158	669	173	694	188	717	202	737	215	756	227	775	239	795	251	813	264	833	278
62016	6800	653	166	678	181	702	197	726	213	746	227	766	240	784	252	803	264	821	277	839	290
63840	7000	663	176	687	190	710	206	734	223	755	238	775	252	794	265	811	278	829	290	847	303



INDUSTRIAL FAN

WHEEL DIA. 78 1/4"
OUTLET AREA 10.96 SQ FT
INLET DIA. 45"
INLET AREA 10.68 SQ FT

OPEN WHEEL
TYPE XO



SIZE 45

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
17536	1600	188	5.02	221	7.18	250	9.43	276	11.6	299	13.9	320	16.2	340	18.5	359	20.7	376	23.0	410	27.8
18632	1700	191	5.44	224	7.71	252	10.0	278	12.4	301	14.8	322	17.2	342	19.7	361	22.1	378	24.5	411	29.3
19728	1800	195	5.97	226	8.26	254	10.7	280	13.2	303	15.8	324	18.2	344	20.8	363	23.5	380	26.0	413	31.1
20824	1900	199	6.55	229	8.86	257	11.4	282	14.0	305	16.7	326	19.4	346	22.0	365	24.7	382	27.5	415	33.0
21920	2000	203	7.16	232	9.46	259	12.1	284	14.9	307	17.7	328	20.5	348	23.3	367	26.0	384	28.9	417	34.7
23016	2100	207	7.78	235	10.1	262	12.8	286	15.7	309	18.6	330	21.6	350	24.6	369	27.5	386	30.4	419	36.5
24112	2200	211	8.40	238	10.9	264	13.6	289	16.6	311	19.6	332	22.7	352	25.9	371	29.0	388	32.0	421	38.2
25208	2300	214	8.99	242	11.8	267	14.5	291	17.5	314	20.7	334	23.9	354	27.1	373	30.4	391	33.7	423	39.9
26304	2400	218	9.63	246	12.7	270	15.3	294	18.5	316	21.7	337	25.1	356	28.4	375	31.8	392	35.2	425	41.8
27400	2500	222	10.3	251	13.6	274	16.4	297	19.5	319	22.8	339	26.2	359	29.7	377	33.2	395	36.8	427	43.9
28496	2600	226	11.0	255	14.5	277	17.5	299	20.5	321	24.0	342	27.5	361	31.1	379	34.7	397	38.4	429	45.7
29592	2700	231	11.9	258	15.4	281	18.7	303	21.6	324	25.2	344	28.8	363	32.5	381	36.2	399	40.0	431	47.7
30688	2800	235	12.8	262	16.3	286	19.9	306	22.9	327	26.4	347	30.1	366	33.9	384	37.7	401	41.6	433	49.5
31784	2900	240	13.7	266	17.3	290	21.1	310	24.3	330	27.6	349	31.5	368	35.4	386	39.3	403	43.3	435	51.5
32880	3000	245	14.7	269	18.3	294	22.4	314	25.8	333	29.1	352	32.9	371	36.9	389	40.9	406	45.1	438	53.4
35072	3200	255	17.0	278	20.5	301	24.8	322	28.9	340	32.4	358	36.0	376	40.1	394	44.3	411	48.6	442	57.5
37264	3400	266	19.6	287	23.1	309	27.3	330	32.0	349	36.1	365	39.7	382	43.5	399	48.0	416	52.5	447	61.7
39456	3600	277	22.6	297	25.9	317	30.1	337	35.0	357	39.7	374	43.8	389	47.7	405	51.8	421	56.5	452	66.1
41648	3800	288	25.9	306	29.2	325	33.3	345	38.1	365	43.4	382	48.1	397	52.4	412	56.5	427	60.8	457	70.8
43840	4000	299	29.5	317	32.8	335	36.9	353	41.6	372	47.0	390	52.6	406	57.3	420	61.7	434	66.1	463	75.7
46032	4200	311	33.5	327	36.8	344	40.9	361	45.5	379	50.9	397	56.7	414	62.3	429	67.2	442	71.8	469	81.1
48224	4400	322	38.0	338	41.4	354	45.2	371	49.9	387	55.1	404	61.0	421	67.2	437	72.8	451	78.0	476	87.5
50416	4600	334	42.9	349	46.2	365	50.1	381	54.6	396	59.8	412	65.6	429	71.9	445	78.4	459	84.1	484	94.4
52608	4800	346	48.0	361	51.5	375	55.3	390	59.9	405	65.1	420	70.7	436	77.0	452	83.7	467	90.4	493	101
54800	5000	358	53.8	372	57.3	386	61.3	400	65.6	415	70.7	429	76.3	444	82.5	459	89.2	474	96.3	501	109
56992	5200	370	60.0	384	63.4	397	67.5	411	71.8	425	76.9	438	82.6	452	88.5	467	95.2	481	102	509	116
59184	5400	382	66.6	395	70.2	409	74.3	421	78.5	435	83.5	448	89.1	461	95.2	475	101	489	108	517	123
61376	5600	394	73.7	407	77.5	420	81.5	432	86.0	445	90.7	458	96.3	471	102	483	108	497	115	524	131
63568	5800	406	81.4	419	85.2	431	89.3	443	93.7	455	98.4	468	104	480	109	493	116	505	123	531	138
65760	6000	418	89.6	431	93.4	443	97.5	455	102	466	106	478	112	490	118	502	124	514	131	539	146

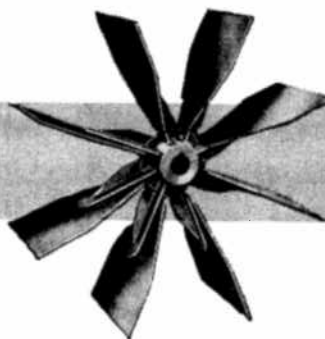
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
28496	2600	459	52.9	488	60.2	514	67.9	539	75.3	563	82.9	585	90.0	607	97.3	628	104	649	112	669	120
29592	2700	462	55.3	490	62.6	516	70.4	541	78.3	565	86.0	588	93.8	609	101	630	108	650	116	670	124
30688	2800	464	57.5	492	65.2	518	73.0	543	81.2	567	89.3	590	97.3	611	105	632	113	652	121	672	129
31784	2900	466	59.7	494	67.9	520	75.7	545	84.0	569	92.5	592	100	613	109	634	117	654	125	674	133
32880	3000	468	61.9	496	70.4	522	78.7	547	86.9	571	95.6	594	104	615	113	636	121	656	130	676	138
35072	3200	472	66.4	500	75.5	526	84.5	551	93.5	575	102	597	111	619	120	640	130	661	139	680	148
37264	3400	477	71.1	504	80.6	530	90.2	555	99.8	579	109	601	118	623	128	644	137	665	148	684	157
39456	3600	481	75.9	509	85.9	534	96.0	559	106	583	116	606	126	627	136	648	146	668	156	688	166
41648	3800	486	81.0	513	91.4	539	102	563	112	587	123	610	134	631	144	652	155	672	165	692	176
43840	4000	491	86.3	518	97.1	544	108	568	119	591	130	614	141	636	153	656	164	677	175	696	186
46032	4200	497	92.0	523	103	548	114	573	126	596	137	618	149	640	161	660	173	681	185	700	197
48224	4400	502	97.7	528	109	553	121	577	133	601	145	623	157	644	169	665	182	685	194	704	207
50416	4600	509	104	534	116	559	128	582	140	605	153	627	165	649	178	669	191	689	204	708	217
52608	4800	516	112	540	123	564	135	588	148	610	161	632	174	653	187	674	200	693	214	712	227
54800	5000	524	120	547	131	570	142	593	156	615	169	637	182	658	196	678	210	698	224	717	238
56992	5200	533	128	555	140	577	151	599	164	621	178	642	192	663	206	683	220	703	234	722	249
59184	5400	541	137	563	149	584	161	605	173	626	187	648	201	668	216	688	230	708	245	726	260
61376	5600	549	146	571	159	592	171	612	183	632	196	653	211	673	226	693	241	712	256	731	271
63568	5800	557	154	580	169	600	182	620	195	640	208	659	221	679	236	699	252	718	267	736	283
65760	6000	564	163	588	179	609	193	628	206	647	219	666	233	685	247	704	263	723	279	741	295
67952	6200	571	171	595	189	617	204	636	219	655	232	673	246	691	260	710	275	729	291	747	308
70144	6400	579	180	602	198	625	216	645	231	663	245	681	259	699	273	716	288	734	304	752	321
72336	6600	587	190	610	208	632	226	653	243	671	259	689	273	706	288	724	302	741	317	758	334
74528	6800	595	200	617	218	639	237	661	256	680	272	698	288	714	303	731	318	748	333	764	348
76720	7000	604	211	625	229	646	248	668	268	688	286	706	303	723	319	739	334	755	349	772	365



INDUSTRIAL FAN

WHEEL DIA. 85 1/4"
OUTLET AREA 13.01 SQ FT
INLET DIA. 49"
INLET AREA 12.70 SQ FT

OPEN WHEEL
TYPE XO



SIZE 49

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
20816	1600	173	5.96	203	8.53	229	11.2	253	13.8	274	16.5	294	19.2	312	22.0	329	24.6	345	27.3	376	33.0
22117	1700	175	6.46	205	9.15	231	11.9	255	14.8	276	17.6	296	20.4	314	23.4	331	26.3	347	29.1	377	34.8
23418	1800	179	7.09	207	9.81	233	12.7	257	15.7	278	18.8	297	21.7	316	24.7	333	27.8	349	30.9	379	36.9
24719	1900	182	7.78	210	10.5	236	13.5	259	16.7	280	19.9	299	23.0	318	26.1	335	29.4	351	32.7	381	39.1
26020	2000	186	8.50	213	11.2	238	14.4	261	17.7	282	21.0	301	24.4	319	27.7	337	30.9	353	34.4	383	41.2
27321	2100	190	9.24	215	12.0	240	15.3	263	18.7	284	22.1	303	25.7	321	29.2	338	32.6	355	36.1	385	43.4
28622	2200	193	9.97	219	12.9	243	16.2	265	19.7	286	23.3	305	27.0	323	30.7	340	34.4	356	38.0	387	45.4
29923	2300	197	10.6	222	14.0	245	17.2	267	20.8	288	24.5	307	28.3	325	32.2	342	36.1	358	40.0	388	47.4
31224	2400	200	11.4	226	15.1	248	18.2	270	22.0	290	25.8	309	29.8	327	33.7	344	37.8	360	41.8	390	49.7
32525	2500	204	12.2	230	16.1	251	19.4	272	23.2	292	27.1	311	31.2	329	35.3	346	39.5	362	43.7	392	52.1
33826	2600	208	13.1	234	17.3	255	20.7	275	24.4	295	28.5	314	32.6	331	36.9	348	41.2	364	45.6	394	54.3
35127	2700	212	14.1	237	18.3	258	22.2	278	25.7	297	29.9	316	34.2	333	38.5	350	43.0	366	47.5	396	56.6
36428	2800	216	15.2	240	19.4	262	23.6	281	27.2	300	31.3	318	35.7	336	40.2	352	44.8	368	49.4	398	58.8
37729	2900	220	16.3	244	20.5	266	25.1	284	28.9	302	32.8	321	37.4	338	42.0	354	46.7	370	51.5	400	61.1
39030	3000	225	17.5	247	21.7	270	26.6	288	30.6	306	34.6	323	39.1	340	43.8	357	48.6	372	53.5	402	63.4
41632	3200	234	20.2	255	24.3	276	29.4	296	34.3	312	38.5	329	42.7	345	47.6	361	52.7	377	57.7	406	68.2
44234	3400	244	23.3	263	27.4	283	32.4	303	38.0	320	42.8	335	47.1	351	51.7	366	57.0	382	62.3	410	73.2
46836	3600	254	26.8	272	30.8	291	35.7	310	41.5	328	47.2	343	52.1	357	56.7	372	61.5	387	67.1	415	78.5
49438	3800	264	30.8	281	34.6	299	39.5	317	45.3	335	51.6	351	57.2	365	62.2	378	67.1	392	72.2	420	84.1
52040	4000	274	35.1	291	38.9	307	43.8	324	49.4	341	55.8	358	62.4	372	68.0	386	73.3	399	78.4	425	89.9
54642	4200	285	39.8	300	43.7	316	48.5	332	54.0	348	60.4	365	67.4	380	73.9	393	79.8	406	85.3	431	96.3
57244	4400	296	45.1	310	49.1	325	53.7	340	59.3	356	65.4	371	72.4	387	79.8	401	86.4	414	92.5	437	103
59846	4600	306	50.9	321	54.9	335	59.4	349	64.8	363	71.0	378	77.9	393	85.4	408	93.0	421	99.8	444	112
62448	4800	317	57.0	331	61.2	345	65.7	358	71.1	372	77.3	386	83.9	400	91.4	415	99.4	429	107	452	120
65050	5000	328	63.8	341	68.0	355	72.7	368	77.9	381	83.9	394	90.6	408	97.9	421	106	435	114	460	129
67652	5200	339	71.3	352	75.3	364	80.1	377	85.2	390	91.3	402	98.0	415	105	429	113	442	121	467	138
70254	5400	350	79.1	363	83.4	375	88.2	387	93.2	399	99.1	411	105	423	113	436	120	449	129	474	147
72856	5600	362	87.6	374	92.0	385	96.8	397	102	408	107	420	114	432	121	444	129	456	137	481	155
75458	5800	373	96.7	384	101	396	106	407	111	418	116	429	123	441	130	452	138	464	146	487	164
78060	6000	384	106	395	110	407	115	417	121	428	126	439	133	450	140	461	148	472	156	495	173

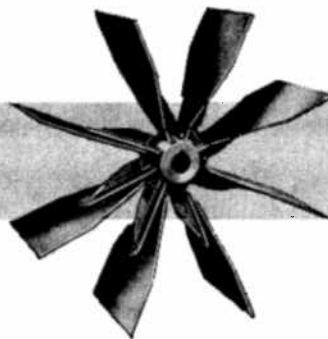
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
33826	2600	422	62.8	448	71.5	472	80.6	495	89.4	517	98.4	537	106	557	115	577	124	595	133	614	143
35127	2700	424	65.6	449	74.3	474	83.5	497	93.0	518	102	539	111	559	120	578	129	597	138	615	148
36428	2800	426	68.2	451	77.4	475	86.6	499	96.3	520	106	541	115	561	125	580	134	599	143	617	153
37729	2900	427	70.9	453	80.6	477	89.9	500	99.7	522	109	543	119	563	129	582	139	601	149	619	158
39030	3000	429	73.5	455	83.6	479	93.4	502	103	524	113	545	124	565	134	584	144	603	154	620	164
41632	3200	433	78.8	459	89.6	483	100	506	111	528	121	548	132	569	143	588	154	606	165	624	176
44234	3400	437	84.4	463	95.7	487	107	510	118	531	130	552	140	572	152	591	163	610	175	628	187
46836	3600	442	90.1	467	102	490	114	513	126	535	138	556	150	576	162	595	173	614	185	632	198
49438	3800	446	96.1	471	108	495	121	517	133	539	146	560	159	580	172	599	184	617	196	635	209
52040	4000	451	102	476	115	499	128	521	141	543	154	563	168	583	181	603	195	621	208	639	221
54642	4200	456	109	480	122	503	136	526	149	547	163	567	177	587	191	606	205	625	219	643	234
57244	4400	461	116	485	130	508	143	530	158	551	172	572	187	591	201	610	216	629	231	646	246
59846	4600	467	124	490	137	513	152	535	166	556	181	576	196	595	211	614	227	632	242	650	257
62448	4800	474	133	496	146	518	160	539	176	560	191	580	206	600	222	618	238	636	254	654	270
65050	5000	481	142	502	155	523	169	544	185	565	201	585	217	604	233	623	249	641	266	658	282
67652	5200	489	153	509	166	529	180	550	195	570	211	589	228	609	244	627	261	645	278	663	295
70254	5400	497	163	517	177	536	191	555	206	575	222	594	239	613	256	632	273	649	291	667	308
72856	5600	504	173	525	189	543	203	562	218	581	233	600	251	618	268	636	286	654	304	671	322
75458	5800	511	183	532	201	551	216	569	231	587	246	605	262	623	281	641	299	659	317	676	336
78060	6000	518	193	540	212	559	229	576	245	594	260	611	276	629	294	646	313	664	332	681	350
80662	6200	524	203	546	224	566	243	584	260	601	276	618	292	635	308	652	326	669	346	685	366
83264	6400	531	214	553	235	574	256	592	274	609	291	625	308	641	324	658	342	674	361	691	381
85866	6600	539	226	559	247	580	269	599	289	616	307	632	325	648	342	664	359	680	377	696	396
88468	6800	546	238	566	259	587	281	607	304	624	324	640	342	655	360	671	377	686	395	702	413
91070	7000	554	251	574	272	593	294	613	318	631	340	648	360	663	378	678	396	693	414	708	433



INDUSTRIAL FAN

WHEEL DIA. 93 3/4"
OUTLET AREA 15.7 SQ FT
INLET DIA. 54"
INLET AREA 15.5 SQ FT

OPEN WHEEL
TYPE XO



SIZE 54

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
25120	1600	157	7.19	185	10.3	209	13.5	230	16.7	249	19.9	267	23.2	284	26.5	299	29.7	314	33.0	342	39.8
26690	1700	160	7.80	187	11.0	210	14.4	232	17.8	251	21.2	269	24.6	286	28.2	301	31.7	316	35.1	343	42.1
28260	1800	162	8.55	189	11.8	212	15.3	233	19.0	253	22.6	271	26.1	287	29.8	303	33.6	318	37.3	345	44.5
29830	1900	166	9.39	191	12.6	214	16.3	235	20.1	254	24.0	272	27.8	289	31.5	304	35.5	319	39.4	347	47.2
31400	2000	169	10.2	193	13.5	216	17.3	237	21.3	256	25.3	274	29.4	290	33.4	306	37.3	321	41.5	348	49.8
32970	2100	173	11.1	196	14.5	218	18.4	239	22.5	258	26.7	276	31.0	292	35.3	308	39.4	322	43.5	350	52.3
34540	2200	176	12.0	199	15.6	221	19.6	241	23.8	260	28.2	277	32.6	294	37.1	310	41.5	324	45.8	352	54.8
36110	2300	179	12.8	202	16.9	223	20.7	243	25.1	262	29.6	279	34.2	296	38.9	311	43.5	326	48.2	353	57.2
37680	2400	182	13.8	206	18.2	225	22.0	245	26.5	264	31.2	281	35.9	297	40.7	313	45.6	328	50.4	355	59.9
39250	2500	185	14.7	209	19.5	228	23.5	248	28.0	266	32.7	283	37.6	299	42.6	315	47.6	329	52.7	357	62.9
40820	2600	189	15.8	213	20.8	232	25.0	250	29.4	268	34.4	285	39.4	301	44.6	316	49.7	331	55.0	358	65.5
42390	2700	192	17.0	216	22.1	235	26.7	253	31.0	270	36.1	287	41.2	303	46.5	318	51.9	333	57.3	360	68.3
43960	2800	196	18.3	219	23.4	238	28.5	256	32.9	273	37.8	289	43.1	305	48.6	320	54.1	335	59.7	362	71.0
45530	2900	200	19.6	222	24.7	242	30.3	259	34.9	275	39.6	292	45.2	307	50.7	322	56.4	337	62.1	363	73.7
47100	3000	205	21.1	225	26.2	245	32.1	262	37.0	278	41.7	294	47.2	309	52.9	324	58.7	339	64.6	365	76.5
50240	3200	213	24.4	232	29.3	251	35.5	269	41.4	284	46.4	299	51.6	314	57.5	329	63.5	343	69.7	369	82.3
53380	3400	222	28.1	239	33.1	258	39.1	276	45.9	291	51.7	305	56.9	319	62.4	333	68.8	347	75.2	373	88.4
56520	3600	231	32.4	247	37.2	264	43.1	282	50.1	298	56.9	312	62.8	325	68.4	338	74.3	352	81.0	377	94.7
59660	3800	240	37.2	256	41.8	272	47.7	288	54.6	304	62.2	319	69.0	332	75.1	344	81.0	357	87.2	382	101
62800	4000	250	42.3	264	47.0	279	52.9	295	59.6	310	67.3	326	75.3	339	82.1	351	88.4	363	94.7	386	108
65940	4200	259	48.1	273	52.8	287	58.6	302	65.2	317	72.9	332	81.3	345	89.2	358	96.3	369	103	392	116
69080	4400	269	54.5	282	59.3	296	64.8	310	71.6	323	78.9	338	87.3	352	96.3	365	104	376	111	398	125
72220	4600	279	61.4	292	66.2	304	71.7	318	78.2	330	85.7	344	94.0	358	103	371	112	383	120	404	135
75360	4800	289	68.8	301	73.8	313	79.3	326	85.8	338	93.3	351	101	364	110	377	120	390	129	411	145
78500	5000	299	77.0	310	82.1	322	87.8	334	94.0	346	101	358	109	371	118	383	127	396	138	418	156
81640	5200	309	86.0	320	90.9	331	96.6	343	102	354	110	366	118	377	126	390	136	402	146	425	167
84780	5400	319	95.4	330	100	341	106	352	112	363	119	374	127	385	136	396	145	408	155	431	177
87920	5600	329	105	340	111	350	116	361	123	371	130	382	138	393	146	403	155	415	165	437	187
91060	5800	339	116	350	122	360	128	370	134	380	141	390	149	401	157	411	167	422	176	443	198
94200	6000	349	128	360	133	370	139	379	146	389	153	399	160	409	169	419	178	429	188	450	209

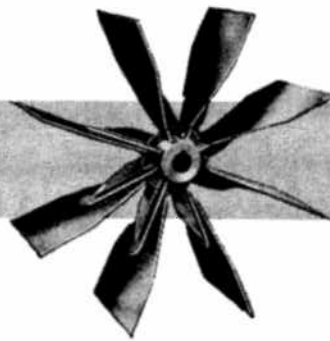
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
40820	2600	383	75.8	407	86.3	429	97.3	450	107	470	118	489	129	507	139	524	150	541	161	558	172
42390	2700	385	79.2	409	89.7	431	100	452	112	471	123	490	134	508	145	526	155	543	167	559	178
43960	2800	387	82.3	410	93.4	432	104	453	116	473	127	492	139	510	151	528	162	545	173	561	184
45530	2900	389	85.5	412	97.3	434	108	455	120	475	132	494	144	512	156	529	168	546	179	563	191
47100	3000	390	88.7	414	100	436	112	457	124	476	137	496	149	514	161	531	174	548	186	564	198
50240	3200	394	95.1	417	108	439	121	460	134	480	146	499	159	517	172	535	186	551	199	568	212
53380	3400	398	101	421	115	443	129	463	143	483	157	502	170	520	183	538	197	555	212	571	226
56520	3600	402	108	424	123	446	137	467	152	487	166	506	181	524	195	541	209	558	224	574	239
59660	3800	406	116	428	131	450	146	470	161	490	176	509	192	527	207	545	222	561	237	578	252
62800	4000	410	123	432	139	454	154	474	170	493	186	512	203	530	219	548	235	565	252	581	267
65940	4200	415	131	437	147	458	164	478	180	497	197	516	214	534	231	551	248	568	265	584	282
69080	4400	419	140	441	156	462	173	482	190	501	208	520	225	537	243	555	261	572	278	588	296
72220	4600	425	149	446	166	466	183	486	201	505	219	524	237	541	255	558	274	575	292	591	311
75360	4800	431	160	451	176	471	194	490	212	509	230	528	249	545	268	562	287	579	306	595	326
78500	5000	438	172	457	188	476	204	495	224	514	242	532	262	549	281	566	301	583	321	598	341
81640	5200	445	184	463	200	481	217	500	235	518	255	536	275	553	295	570	315	587	336	602	356
84780	5400	452	196	470	214	487	231	505	248	523	268	541	289	558	309	574	330	591	351	606	372
87920	5600	459	209	477	228	494	245	511	263	528	281	545	302	562	324	579	345	595	367	610	388
91060	5800	465	221	484	242	501	261	517	279	534	297	550	317	567	339	583	361	599	383	615	405
94200	6000	471	233	491	256	508	277	524	296	540	314	556	334	572	354	588	377	603	400	619	423
97340	6200	477	245	497	270	515	293	531	314	546	333	562	352	577	372	593	394	608	418	623	441
100480	6400	483	258	503	284	522	309	538	331	553	352	568	371	583	392	598	412	613	435	628	460
103620	6600	490	272	509	298	528	325	545	349	560	371	575	392	589	412	604	433	618	455	633	478
106760	6800	497	287	515	313	534	340	552	367	567	391	582	413	596	434	610	455	624	477	638	499
109900	7000	504	303	522	328	540	355	558	384	574	410	589	434	603	457	616	479	630	500	644	523



INDUSTRIAL FAN

WHEEL DIA. 104 1/4"
OUTLET AREA 19.5 SQ FT
INLET DIA. 60"
INLET AREA 19.2 SQ FT

OPEN WHEEL
TYPE XO



SIZE 60

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
31200	1600	141	8.9	166	12.7	188	16.7	207	20.8	224	24.7	240	28.9	255	33.0	269	36.9	282	40.9	307	49.5
33150	1700	143	9.6	168	13.7	189	17.9	208	22.2	226	26.4	242	30.6	257	35.1	271	39.4	284	43.6	309	52.3
35100	1800	146	10.6	170	14.7	191	19.1	210	23.6	227	28.1	243	32.5	258	37.1	272	41.8	286	46.4	310	55.3
37050	1900	149	11.6	172	15.7	193	20.3	211	25.0	229	29.8	245	34.6	260	39.2	274	44.0	287	49.0	312	58.7
39000	2000	152	12.7	174	16.8	194	21.6	213	26.5	230	31.5	246	36.5	261	41.5	275	46.3	289	51.5	313	61.8
40950	2100	155	13.8	176	18.0	196	22.9	215	28.0	232	33.2	248	38.5	263	43.8	277	48.9	290	54.1	315	65.0
42900	2200	158	14.9	179	19.4	198	24.3	217	29.6	234	35.0	249	40.5	264	46.0	278	51.6	292	56.9	316	68.0
44850	2300	161	16.0	182	21.0	200	25.8	219	31.2	235	36.8	251	42.5	266	48.3	280	54.1	293	59.9	318	71.1
46800	2400	164	17.1	185	22.6	203	27.3	221	32.9	237	38.7	253	44.6	267	50.6	281	56.6	295	62.7	319	74.5
48750	2500	167	18.3	188	24.2	205	29.1	223	34.7	239	40.6	255	46.7	269	52.9	283	59.2	296	65.5	321	78.1
50700	2600	170	19.6	191	25.9	208	31.1	225	36.5	241	42.7	256	49.0	271	55.3	285	61.8	298	68.3	322	81.4
52650	2700	173	21.1	194	27.5	211	33.2	227	38.5	243	44.8	258	51.2	273	57.8	286	64.5	299	71.2	324	84.8
54600	2800	177	22.7	197	29.1	214	35.4	230	40.9	245	47.0	260	53.6	274	60.3	288	67.2	301	74.1	325	88.2
56550	2900	180	24.4	199	30.7	218	37.6	233	43.3	247	49.2	262	56.1	276	62.9	290	70.0	303	77.2	327	91.6
58500	3000	184	26.3	202	32.5	221	39.8	236	46.0	250	51.8	264	58.6	278	65.7	292	72.9	304	80.2	329	95.1
62400	3200	192	30.3	208	36.4	226	44.1	242	51.4	255	57.7	269	64.0	282	71.4	295	78.9	308	86.6	332	102
66300	3400	199	34.9	215	41.1	232	48.6	248	57.0	262	64.2	274	70.7	287	77.5	300	85.4	312	93.4	336	109
70200	3600	208	40.3	223	46.2	238	53.5	253	62.2	268	70.7	280	78.0	292	85.0	304	92.2	316	100	339	117
74100	3800	216	46.2	230	52.0	244	59.3	259	67.9	274	77.3	287	85.7	298	93.3	309	100	321	108	343	126
78000	4000	224	52.6	238	58.4	251	65.7	265	74.0	279	83.6	293	93.5	305	102	315	109	326	117	348	134
81900	4200	233	59.7	246	65.6	259	72.8	271	81.0	285	90.5	298	101	311	110	322	119	332	127	352	144
85800	4400	242	67.6	254	73.6	266	80.5	278	88.9	291	98.0	304	108	316	119	328	129	338	138	358	155
89700	4600	251	76.3	262	82.3	274	89.1	286	97.2	297	106	309	116	322	128	334	139	344	149	363	168
93600	4800	260	85.5	271	91.7	282	98.5	293	106	304	116	316	125	327	137	339	149	351	160	370	181
97500	5000	269	95.7	279	102	290	109	301	116	311	125	322	135	333	146	345	158	356	171	376	194
101400	5200	278	106	288	112	298	120	308	127	319	136	329	147	339	157	350	169	361	182	382	207
105300	5400	286	118	297	125	307	132	316	139	326	148	336	158	346	169	356	180	367	193	388	220
109200	5600	296	131	305	138	315	145	325	153	334	161	344	171	353	182	363	193	373	205	393	233
113100	5800	305	145	314	151	323	159	333	166	342	175	351	185	361	195	370	207	379	219	399	246
117000	6000	314	159	323	166	332	173	341	182	350	190	359	199	368	210	377	222	386	233	404	260

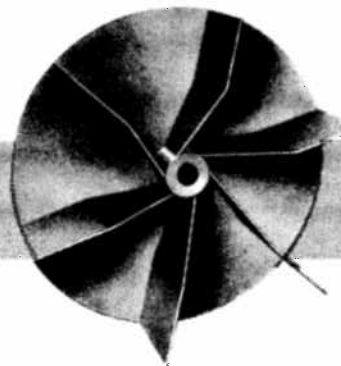
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
50700	2600	345	94.2	366	107	386	120	405	134	422	147	439	160	456	173	472	186	487	200	502	214
52650	2700	346	98.4	367	111	387	125	406	139	424	153	441	167	457	180	473	193	488	207	503	221
54600	2800	348	102	369	116	389	129	408	144	426	158	443	173	459	187	475	201	490	215	504	229
56550	2900	349	106	371	120	390	134	409	149	427	164	444	179	460	194	476	209	491	223	506	237
58500	3000	351	110	372	125	392	140	411	154	428	170	446	186	462	201	478	216	493	231	507	246
62400	3200	354	118	375	134	395	150	414	166	431	181	448	197	465	214	481	231	496	247	510	264
66300	3400	358	126	378	143	398	160	417	177	435	195	451	211	468	227	484	245	499	263	514	280
70200	3600	361	135	382	152	401	170	420	189	438	207	455	225	471	242	487	260	502	278	516	297
74100	3800	365	144	385	162	405	181	423	200	441	219	458	238	474	257	490	276	505	295	519	313
78000	4000	369	153	389	172	408	192	426	212	444	232	461	252	477	272	493	292	508	313	522	332
81900	4200	373	163	393	183	412	203	430	224	447	245	464	266	480	287	496	308	511	329	526	350
85800	4400	377	173	397	194	415	215	433	237	451	258	467	280	483	302	499	324	514	346	529	368
89700	4600	382	186	401	206	419	228	437	250	454	272	471	294	487	317	502	340	517	363	532	386
93600	4800	388	199	405	218	424	241	441	263	458	286	474	310	490	333	506	357	520	380	535	405
97500	5000	394	214	411	233	428	254	445	278	462	301	478	325	494	349	509	374	524	399	538	423
101400	5200	400	229	416	249	433	269	449	292	466	317	482	341	498	366	513	392	527	417	542	443
105300	5400	406	244	422	266	438	287	454	308	470	333	486	359	501	384	516	410	531	436	545	462
109200	5600	412	260	429	283	444	305	460	327	475	349	490	376	505	402	520	429	535	455	549	483
113100	5800	418	275	435	301	450	324	465	347	480	370	495	394	510	421	524	449	539	476	553	503
117000	6000	423	290	441	319	457	344	471	368	485	391	500	415	514	440	529	469	543	497	557	525
120900	6200	429	305	447	336	463	364	478	390	491	413	505	437	519	462	533	489	547	519	561	548
124800	6400	434	321	452	353	469	384	484	411	498	437	511	461	524	486	538	512	551	541	565	571
128700	6600	441	338	458	370	475	403	490	433	504	461	517	487	530	512	543	538	556	565	569	594
132600	6800	447	356	463	389	480	422	496	456	510	485	524	513	536	539	549	565	561	593	574	620
136500	7000	453	376	469	408	485	441	501	477	516	509	530	539	542	567	554	594	567	621	579	649



INDUSTRIAL FAN

WHEEL DIA. 19 1/2"
OUTLET AREA 0.66 SQ FT
INLET DIA. 11"
INLET AREA .63 SQ FT

CONE WHEEL
TYPE XC



SIZE **11**

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1056	1600	807	.29	931	.41	1041	.52	1141	.63	1238	.76	1329	.89	1416	1.03	1498	1.17	1576	1.32	1723	1.62
1122	1700	825	.32	946	.44	1054	.56	1153	.68	1246	.81	1335	.94	1420	1.09	1502	1.23	1579	1.38	1725	1.69
1188	1800	844	.36	962	.48	1068	.60	1165	.73	1255	.86	1343	1.00	1426	1.14	1506	1.29	1583	1.45	1728	1.77
1254	1900	864	.39	978	.52	1082	.65	1178	.78	1267	.92	1351	1.06	1433	1.21	1512	1.36	1588	1.52	1731	1.85
1320	2000	884	.43	996	.56	1098	.70	1192	.84	1280	.98	1363	1.13	1442	1.27	1519	1.43	1594	1.59	1736	1.93
1386	2100	905	.47	1014	.61	1114	.75	1207	.90	1293	1.04	1375	1.20	1452	1.35	1527	1.50	1601	1.67	1741	2.01
1452	2200	926	.51	1033	.66	1131	.81	1222	.96	1307	1.11	1388	1.27	1464	1.43	1537	1.58	1609	1.75	1747	2.10
1518	2300	948	.56	1053	.71	1148	.86	1238	1.02	1322	1.18	1401	1.35	1477	1.51	1549	1.67	1618	1.84	1754	2.19
1584	2400	970	.60	1073	.76	1167	.92	1254	1.09	1337	1.25	1415	1.43	1490	1.59	1561	1.76	1630	1.94	1761	2.29
1650	2500	991	.65	1094	.82	1185	.99	1271	1.16	1353	1.33	1430	1.51	1504	1.68	1574	1.86	1642	2.04	1770	2.39
1716	2600	1013	.71	1114	.88	1205	1.05	1289	1.23	1369	1.41	1445	1.59	1518	1.77	1588	1.96	1655	2.14	1782	2.51
1782	2700	1034	.76	1136	.94	1224	1.12	1307	1.30	1386	1.49	1461	1.68	1533	1.87	1602	2.06	1668	2.25	1794	2.63
1848	2800	1056	.82	1157	1.01	1245	1.20	1326	1.38	1403	1.57	1477	1.77	1548	1.96	1616	2.16	1682	2.36	1806	2.75
1914	2900	1077	.88	1179	1.08	1265	1.28	1345	1.47	1421	1.66	1494	1.87	1564	2.06	1631	2.27	1696	2.47	1819	2.88
1980	3000	1100	.95	1201	1.16	1286	1.36	1365	1.56	1440	1.76	1512	1.96	1580	2.17	1647	2.38	1711	2.59	1833	3.01
2112	3200	1146	1.09	1244	1.31	1329	1.53	1406	1.74	1478	1.95	1548	2.17	1615	2.39	1679	2.61	1742	2.83	1861	3.28
2244	3400	1193	1.24	1287	1.48	1372	1.72	1448	1.95	1519	2.17	1586	2.40	1651	2.63	1714	2.86	1775	3.09	1891	3.56
2376	3600	1241	1.41	1329	1.67	1416	1.92	1491	2.17	1560	2.40	1626	2.65	1689	2.89	1750	3.13	1809	3.37	1923	3.87
2508	3800	1290	1.59	1376	1.88	1459	2.14	1534	2.40	1602	2.66	1666	2.91	1728	3.16	1788	3.42	1845	3.67	1957	4.19
2640	4000	1340	1.80	1422	2.10	1501	2.38	1577	2.66	1645	2.93	1708	3.20	1769	3.46	1827	3.73	1883	3.99	1992	4.53
2772	4200	1391	2.02	1470	2.34	1545	2.64	1621	2.93	1689	3.22	1751	3.50	1810	3.78	1867	4.06	1922	4.34	2028	4.90
2904	4400	1442	2.26	1518	2.59	1591	2.92	1663	3.22	1732	3.52	1794	3.83	1853	4.12	1909	4.41	1963	4.70	2066	5.29
3036	4600	1494	2.53	1567	2.86	1638	3.21	1706	3.52	1775	3.85	1838	4.17	1896	4.48	1951	4.78	2004	5.09	2106	5.70
3168	4800	1547	2.83	1616	3.15	1685	3.52	1751	3.87	1818	4.19	1881	4.53	1939	4.86	1994	5.18	2046	5.50	2146	6.13
3300	5000	1601	3.15	1667	3.47	1733	3.85	1798	4.22	1860	4.56	1924	4.92	1982	5.26	2037	5.60	2089	5.93	2187	6.59
3432	5200	1655	3.49	1718	3.82	1782	4.20	1845	4.59	1905	4.96	1967	5.32	2026	5.69	2080	6.04	2132	6.39	2229	7.08
3564	5400	1709	3.87	1769	4.19	1831	4.57	1892	4.98	1951	5.38	2009	5.75	2069	6.13	2124	6.51	2175	6.87	2272	7.59
3696	5600	1763	4.26	1821	4.59	1881	4.97	1940	5.40	1998	5.82	2054	6.21	2111	6.60	2167	6.99	2219	7.38	2315	8.13
3828	5800	1817	4.68	1874	5.02	1931	5.40	1989	5.84	2045	6.28	2100	6.70	2154	7.09	2210	7.50	2262	7.91	2358	8.70
3960	6000	1872	5.12	1927	5.49	1982	5.87	2038	6.30	2093	6.76	2147	7.21	2199	7.63	2252	8.04	2305	8.46	2401	9.29

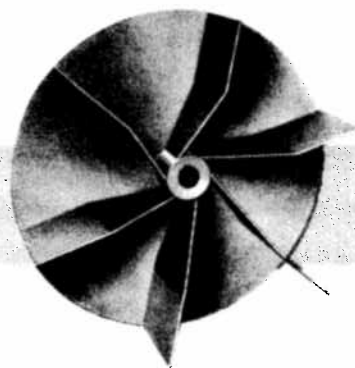
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1716	2600	1903	2.89	2021	3.30	2133	3.73	2241	4.17	2345	4.62	2445	5.09	2542	5.56	2635	6.05	2726	6.54	2814	7.03
1782	2700	1912	3.02	2028	3.43	2140	3.86	2247	4.31	2350	4.77	2449	5.24	2545	5.73	2638	6.22	2728	6.72	2815	7.23
1848	2800	1924	3.15	2036	3.56	2146	4.00	2252	4.46	2354	4.92	2453	5.40	2548	5.90	2641	6.40	2730	6.91	2818	7.43
1914	2900	1936	3.29	2045	3.70	2154	4.15	2259	4.61	2360	5.08	2458	5.57	2553	6.07	2644	6.58	2734	7.10	2820	7.63
1980	3000	1948	3.43	2057	3.86	2162	4.30	2266	4.77	2366	5.25	2463	5.74	2557	6.25	2649	6.76	2737	7.29	2823	7.83
2112	3200	1974	3.73	2082	4.18	2184	4.64	2283	5.10	2381	5.59	2476	6.10	2569	6.62	2658	7.15	2746	7.70	2831	8.25
2244	3400	2002	4.04	2108	4.52	2209	5.00	2305	5.49	2398	5.97	2492	6.49	2582	7.02	2671	7.57	2757	8.12	2841	8.69
2376	3600	2032	4.37	2135	4.87	2235	5.38	2330	5.89	2422	6.40	2511	6.92	2598	7.45	2685	8.01	2770	8.58	2853	9.16
2508	3800	2063	4.72	2165	5.24	2262	5.78	2356	6.31	2447	6.85	2535	7.39	2619	7.94	2702	8.48	2785	9.07	2867	9.66
2640	4000	2096	5.08	2196	5.63	2291	6.19	2384	6.75	2473	7.32	2560	7.88	2644	8.45	2725	9.02	2804	9.60	2883	10.1
2772	4200	2130	5.47	2228	6.05	2322	6.63	2413	7.21	2501	7.80	2586	8.40	2669	8.99	2750	9.59	2828	10.1	2904	10.7
2904	4400	2166	5.88	2262	6.48	2354	7.09	2443	7.70	2530	8.31	2614	8.93	2696	9.55	2775	10.1	2853	10.7	2928	11.4
3036	4600	2203	6.31	2297	6.94	2387	7.57	2475	8.20	2560	8.84	2643	9.48	2724	10.1	2802	10.7	2879	11.4	2953	12.0
3168	4800	2241	6.77	2333	7.42	2422	8.07	2508	8.73	2592	9.39	2674	10.0	2753	10.7	2830	11.4	2906	12.0	2980	12.7
3300	5000	2281	7.26	2371	7.93	2458	8.60	2542	9.28	2625	9.97	2705	10.6	2783	11.3	2860	12.0	2934	12.7	3007	13.4
3432	5200	2321	7.77	2409	8.46	2495	9.16	2578	9.86	2659	10.5	2738	11.2	2815	12.0	2890	12.7	2964	13.4	3036	14.1
3564	5400	2362	8.31	2449	9.02	2533	9.75	2615	10.4	2694	11.2	2772	11.9	2848	12.6	2922	13.4	2994	14.1	3065	14.9
3696	5600	2404	8.87	2490	9.62	2572	10.3	2652	11.1	2730	11.8	2807	12.6	2881	13.3	2954	14.1	3026	14.9	3096	15.7
3828	5800	2447	9.47	2531	10.2	2612	11.0	2691	11.7	2768	12.5	2843	13.3	2916	14.1	2988	14.9	3059	15.7	3128	16.5
3960	6000	2489	10.0	2573	10.8	2653	11.6	2731	12.4	2806	13.2	2880	14.0	2952	14.9	3023	15.7	3092	16.5	3161	17.3
4092	6200	2533	10.7	2615	11.5	2694	12.3	2771	13.2	2845	14.0	2918	14.8	2989	15.7	3059	16.5	3127	17.3	3194	18.2
4224	6400	2576	11.4	2658	12.2	2737	13.1	2812	13.9	2885	14.8	2957	15.6	3027	16.5	3096	17.3	3163	18.2	3229	19.1
4356	6600	2619	12.1	2701	13.0	2779	13.9	2854	14.7	2926	15.6	2997	16.5	3066	17.4	3133	18.2	3200	19.1	3265	20.0
4488	6800	2663	12.8	2745	13.7	2822	14.7	2896	15.6	2967	16.5	3037	17.4	3105	18.3	3172	19.2	3237	20.1	3302	21.0
4620	7000	2706	13.6	2788	14.5	2865	15.5	2939	16.4	3009	17.3	3078	18.3	3145	19.2	3211	20.1	3276	21.1	3339	22.0



INDUSTRIAL FAN

WHEEL DIA. 22 5/8"
OUTLET AREA 0.92 SQ FT
INLET DIA. 13"
INLET AREA 0.88 SQ FT

CONE WHEEL TYPE XC



SIZE 13

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1472	1600	682	.41	787	.57	880	.72	965	.88	1047	1.06	1124	1.25	1197	1.44	1266	1.64	1332	1.84	1456	2.26
1564	1700	698	.45	799	.62	891	.78	974	.95	1053	1.13	1129	1.32	1201	1.51	1269	1.72	1335	1.93	1458	2.36
1656	1800	714	.50	813	.67	903	.84	985	1.02	1061	1.21	1135	1.40	1206	1.60	1273	1.80	1338	2.02	1460	2.47
1748	1900	730	.55	827	.73	915	.91	996	1.10	1071	1.29	1142	1.48	1212	1.68	1278	1.90	1342	2.12	1463	2.57
1840	2000	747	.60	842	.79	928	.98	1008	1.17	1082	1.37	1152	1.57	1219	1.78	1284	1.99	1347	2.22	1467	2.69
1932	2100	765	.65	857	.85	942	1.05	1020	1.25	1093	1.46	1162	1.67	1227	1.88	1291	2.10	1353	2.32	1471	2.80
2024	2200	783	.71	873	.92	956	1.12	1033	1.34	1105	1.56	1173	1.77	1238	1.99	1299	2.21	1360	2.44	1476	2.93
2116	2300	801	.78	890	.99	971	1.20	1046	1.42	1117	1.65	1184	1.88	1248	2.10	1309	2.33	1368	2.56	1482	3.06
2208	2400	820	.84	907	1.06	986	1.29	1060	1.52	1130	1.75	1196	1.99	1259	2.22	1320	2.46	1378	2.70	1489	3.19
2300	2500	838	.91	924	1.14	1002	1.38	1075	1.61	1143	1.86	1209	2.10	1271	2.34	1331	2.59	1388	2.84	1496	3.34
2392	2600	856	.99	942	1.23	1018	1.47	1090	1.71	1157	1.97	1221	2.22	1283	2.47	1342	2.73	1399	2.98	1506	3.50
2484	2700	874	1.06	960	1.32	1035	1.57	1105	1.82	1171	2.08	1235	2.34	1296	2.60	1354	2.87	1410	3.13	1516	3.67
2576	2800	892	1.15	978	1.41	1052	1.67	1121	1.93	1186	2.20	1249	2.47	1309	2.74	1366	3.01	1422	3.28	1527	3.84
2668	2900	910	1.23	997	1.51	1070	1.78	1137	2.05	1202	2.32	1263	2.60	1322	2.88	1379	3.16	1434	3.44	1538	4.01
2760	3000	929	1.32	1015	1.61	1087	1.89	1154	2.17	1217	2.45	1278	2.74	1336	3.02	1392	3.31	1446	3.60	1549	4.19
2944	3200	969	1.52	1051	1.83	1124	2.13	1188	2.43	1250	2.73	1308	3.03	1365	3.33	1419	3.64	1472	3.95	1573	4.57
3128	3400	1008	1.74	1088	2.07	1160	2.40	1224	2.71	1284	3.03	1341	3.35	1395	3.67	1448	3.99	1500	4.31	1599	4.97
3312	3600	1049	1.97	1123	2.33	1197	2.68	1260	3.02	1319	3.36	1374	3.69	1427	4.03	1479	4.36	1529	4.70	1626	5.39
3496	3800	1091	2.22	1163	2.62	1233	2.99	1297	3.35	1354	3.71	1409	4.06	1461	4.41	1511	4.76	1560	5.12	1654	5.84
3680	4000	1133	2.51	1202	2.93	1269	3.32	1333	3.71	1391	4.09	1444	4.46	1495	4.82	1544	5.20	1592	5.57	1684	6.32
3864	4200	1176	2.82	1242	3.25	1306	3.67	1370	4.08	1427	4.49	1480	4.88	1530	5.27	1578	5.66	1625	6.04	1715	6.83
4048	4400	1219	3.16	1283	3.60	1345	4.06	1406	4.48	1464	4.92	1517	5.33	1566	5.74	1613	6.15	1659	6.55	1747	7.37
4232	4600	1263	3.53	1324	3.98	1384	4.47	1442	4.91	1500	5.37	1553	5.81	1602	6.24	1649	6.67	1694	7.09	1780	7.94
4416	4800	1308	3.94	1366	4.39	1425	4.90	1481	5.38	1537	5.85	1590	6.32	1639	6.77	1685	7.22	1729	7.66	1814	8.55
4600	5000	1353	4.39	1409	4.84	1465	5.36	1520	5.88	1572	6.36	1626	6.86	1676	7.34	1722	7.81	1766	8.27	1849	9.19
4784	5200	1399	4.87	1452	5.32	1506	5.85	1559	6.40	1611	6.92	1663	7.42	1712	7.93	1758	8.42	1802	8.91	1884	9.87
4968	5400	1444	5.39	1496	5.84	1548	6.37	1599	6.94	1649	7.50	1698	8.01	1749	8.55	1795	9.07	1839	9.58	1920	10.5
5152	5600	1490	5.94	1540	6.40	1590	6.93	1640	7.52	1689	8.11	1736	8.66	1785	9.20	1832	9.75	1875	10.2	1956	11.3
5336	5800	1536	6.53	1584	7.00	1632	7.53	1681	8.13	1729	8.75	1775	9.34	1820	9.88	1868	10.4	1912	11.0	1993	12.1
5520	6000	1582	7.14	1629	7.65	1676	8.17	1723	8.78	1769	9.42	1815	10.0	1859	10.6	1904	11.2	1948	11.8	2030	12.9

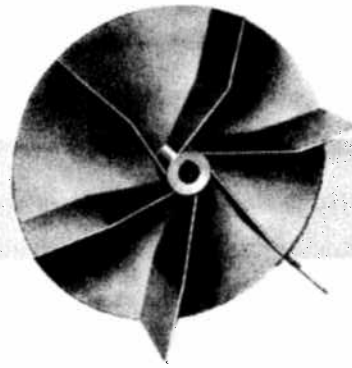
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2392	2600	1609	4.04	1708	4.61	1803	5.20	1895	5.81	1982	6.45	2067	7.09	2149	7.75	2227	8.43	2304	9.11	2378	9.81
2484	2700	1616	4.20	1714	4.78	1809	5.39	1899	6.01	1986	6.65	2070	7.31	2151	7.98	2230	8.67	2306	9.37	2380	10.0
2576	2800	1626	4.39	1721	4.97	1814	5.58	1904	6.21	1990	6.86	2074	7.53	2154	8.22	2232	8.92	2308	9.63	2382	10.3
2668	2900	1636	4.59	1729	5.16	1821	5.78	1909	6.42	1995	7.08	2078	7.76	2158	8.46	2235	9.17	2311	9.90	2384	10.6
2760	3000	1647	4.79	1739	5.38	1828	5.99	1916	6.64	2000	7.31	2082	8.00	2162	8.71	2239	9.43	2314	10.1	2387	10.9
2944	3200	1669	5.20	1760	5.83	1846	6.47	1930	7.11	2013	7.80	2093	8.50	2171	9.23	2247	9.97	2321	10.7	2393	11.5
3128	3400	1692	5.63	1782	6.30	1867	6.97	1949	7.65	2027	8.32	2106	9.05	2183	9.79	2257	10.5	2330	11.3	2401	12.1
3312	3600	1717	6.09	1805	6.79	1889	7.50	1970	8.21	2047	8.93	2122	9.64	2196	10.3	2270	11.1	2341	11.9	2411	12.7
3496	3800	1744	6.57	1830	7.31	1912	8.05	1992	8.80	2068	9.55	2142	10.3	2214	11.0	2284	11.8	2355	12.6	2423	13.4
3680	4000	1772	7.08	1856	7.85	1937	8.63	2015	9.41	2091	10.2	2164	10.9	2235	11.7	2303	12.5	2370	13.3	2437	14.2
3864	4200	1801	7.62	1883	8.43	1963	9.24	2040	10.0	2114	10.8	2186	11.7	2256	12.5	2324	13.3	2390	14.2	2455	15.0
4048	4400	1831	8.20	1912	9.03	1990	9.88	2065	10.7	2139	11.5	2210	12.4	2279	13.3	2346	14.1	2411	15.0	2475	15.9
4232	4600	1862	8.80	1941	9.67	2018	10.5	2092	11.4	2164	12.3	2234	13.2	2302	14.1	2369	15.0	2433	15.9	2496	16.8
4416	4800	1894	9.44	1972	10.3	2047	11.2	2120	12.1	2191	13.0	2260	14.0	2327	14.9	2392	15.8	2456	16.8	2519	17.7
4600	5000	1928	10.1	2004	11.0	2078	11.9	2149	12.9	2219	13.9	2287	14.8	2353	15.8	2417	16.8	2480	17.7	2542	18.7
4784	5200	1962	10.8	2037	11.8	2109	12.7	2179	13.7	2248	14.7	2314	15.7	2379	16.7	2443	17.7	2505	18.7	2566	19.7
4968	5400	1997	11.5	2070	12.5	2141	13.5	2210	14.6	2277	15.6	2343	16.6	2407	17.6	2470	18.7	2531	19.7	2591	20.8
5152	5600	2032	12.3	2104	13.4	2174	14.4	2242	15.4	2308	16.5	2373	17.6	2436	18.6	2497	19.7	2558	20.8	2617	21.9
5336	5800	2068	13.2	2139	14.2	2208	15.3	2275	16.4	2340	17.5	2403	18.6	2465	19.6	2526	20.8	2585	21.9	2644	23.0
5520	6000	2104	14.0	2175	15.1	2242	16.2	2308	17.3	2372	18.5	2434	19.6	2495	20.7	2555	21.9	2614	23.0	2672	24.2
5704	6200	2141	14.9	2211	16.1	2278	17.2	2342	18.4	2405	19.5	2467	20.7	2527	21.8	2586	23.0	2643	24.2	2700	25.4
5888	6400	2177	15.9	2247	17.1	2313	18.3	2377	19.4	2439	20.6	2499	21.8	2559	23.0	2617	24.2	2674	25.4	2730	26.6
6072	6600	2214	16.9	2284	18.1	2349	19.3	2412	20.5	2473	21.8	2533	23.0	2591	24.2	2649	25.4	2705	26.7	2760	27.9
6256	6800	2251	17.9	2320	19.2	2385	20.4	2448	21.7	2508	23.0	2567	24.2	2625	25.5	2681	26.7	2736	28.0	2791	29.3
6440	7000	2287	19.0	2357	20.3	2422	21.6	2484	22.9	2544	24.2	2602	25.5	2659	26.8	2714	28.1	2769	29.4	2822	30.7



INDUSTRIAL FAN

WHEEL DIA. 26 1/8"
OUTLET AREA 1.22 SQ FT
INLET DIA. 15"
INLET AREA 1.19 SQ FT

CONE WHEEL TYPE XC



SIZE 15

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1952	1600	591	.55	681	.75	762	.96	835	1.18	906	1.41	973	1.65	1036	1.91	1096	2.17	1154	2.44	1261	3.00
2074	1700	604	.60	692	.82	771	1.04	844	1.27	912	1.50	978	1.75	1040	2.01	1099	2.28	1156	2.56	1263	3.13
2196	1800	618	.66	704	.89	782	1.12	853	1.36	919	1.60	983	1.85	1044	2.12	1103	2.39	1159	2.68	1265	3.27
2318	1900	632	.73	716	.96	792	1.21	862	1.46	928	1.71	989	1.96	1049	2.23	1107	2.51	1163	2.81	1267	3.41
2440	2000	647	.80	729	1.04	804	1.30	873	1.56	937	1.82	997	2.09	1055	2.36	1112	2.64	1167	2.94	1270	3.56
2562	2100	663	.87	742	1.13	815	1.39	883	1.67	947	1.94	1006	2.22	1063	2.49	1118	2.78	1172	3.08	1274	3.72
2684	2200	678	.95	756	1.22	828	1.49	894	1.78	957	2.06	1016	2.35	1072	2.64	1125	2.93	1178	3.23	1279	3.88
2806	2300	694	1.03	771	1.31	841	1.60	906	1.89	967	2.19	1026	2.49	1081	2.79	1134	3.09	1184	3.40	1284	4.05
2928	2400	710	1.12	785	1.41	854	1.71	918	2.02	979	2.32	1036	2.63	1091	2.95	1143	3.26	1193	3.58	1289	4.23
3050	2500	726	1.21	800	1.52	868	1.83	931	2.14	990	2.46	1047	2.78	1101	3.11	1152	3.44	1202	3.76	1296	4.42
3172	2600	741	1.31	816	1.63	882	1.95	944	2.28	1002	2.61	1058	2.94	1111	3.28	1162	3.61	1211	3.95	1304	4.64
3294	2700	757	1.41	831	1.75	896	2.08	957	2.42	1015	2.76	1069	3.10	1122	3.45	1172	3.80	1221	4.15	1313	4.86
3416	2800	773	1.52	847	1.87	911	2.22	971	2.57	1027	2.92	1081	3.27	1133	3.63	1183	3.99	1231	4.35	1322	5.09
3538	2900	788	1.63	863	2.01	926	2.36	985	2.72	1041	3.08	1094	3.45	1145	3.82	1194	4.19	1242	4.56	1332	5.32
3660	3000	805	1.76	879	2.14	942	2.51	999	2.88	1054	3.25	1106	3.63	1157	4.01	1205	4.39	1252	4.78	1342	5.56
3904	3200	839	2.02	911	2.43	973	2.83	1029	3.23	1082	3.62	1133	4.02	1182	4.42	1229	4.83	1275	5.23	1363	6.06
4148	3400	873	2.30	942	2.75	1005	3.18	1060	3.60	1112	4.02	1161	4.44	1208	4.86	1254	5.29	1299	5.72	1385	6.59
4392	3600	909	2.61	973	3.09	1036	3.56	1091	4.01	1142	4.45	1190	4.89	1236	5.34	1281	5.79	1324	6.24	1408	7.15
4636	3800	944	2.95	1007	3.48	1068	3.96	1123	4.45	1173	4.92	1220	5.38	1265	5.85	1309	6.32	1351	6.79	1432	7.75
4880	4000	981	3.32	1041	3.88	1099	4.40	1155	4.92	1204	5.42	1251	5.91	1295	6.40	1337	6.89	1379	7.38	1458	8.38
5124	4200	1018	3.74	1076	4.32	1131	4.87	1186	5.42	1236	5.95	1282	6.47	1325	6.99	1367	7.50	1407	8.02	1485	9.06
5368	4400	1056	4.19	1111	4.78	1165	5.39	1218	5.95	1268	6.52	1314	7.07	1356	7.61	1397	8.15	1437	8.69	1513	9.77
5612	4600	1094	4.69	1147	5.28	1199	5.93	1249	6.52	1299	7.12	1345	7.71	1388	8.28	1428	8.84	1467	9.40	1541	10.5
5856	4800	1133	5.23	1183	5.83	1234	6.50	1282	7.15	1331	7.76	1377	8.38	1419	8.98	1459	9.58	1498	10.1	1571	11.3
6100	5000	1172	5.82	1220	6.41	1269	7.11	1316	7.80	1362	8.43	1409	9.09	1451	9.73	1491	10.3	1529	10.9	1601	12.1
6344	5200	1211	6.46	1257	7.05	1304	7.76	1350	8.49	1395	9.17	1440	9.84	1483	10.5	1523	11.1	1561	11.8	1632	13.0
6588	5400	1251	7.15	1295	7.74	1340	8.45	1385	9.21	1429	9.95	1471	10.6	1514	11.3	1555	12.0	1592	12.7	1663	14.0
6832	5600	1291	7.88	1333	8.48	1377	9.19	1420	9.98	1463	10.7	1504	11.4	1546	12.2	1586	12.9	1624	13.6	1694	15.0
7076	5800	1330	8.66	1372	9.28	1414	9.99	1456	10.7	1497	11.6	1537	12.3	1577	13.1	1618	13.8	1656	14.6	1726	16.0
7320	6000	1370	9.47	1411	10.1	1451	10.8	1492	11.6	1532	12.4	1572	13.3	1610	14.1	1649	14.8	1687	15.6	1758	17.1

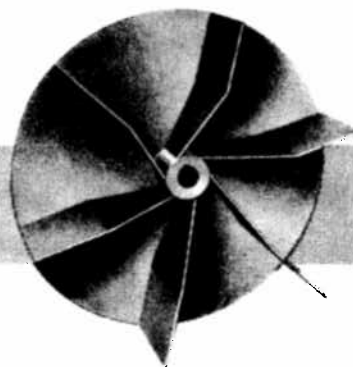
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3172	2600	1393	5.35	1479	6.11	1562	6.90	1641	7.71	1717	8.55	1790	9.41	1861	10.2	1929	11.1	1995	12.0	2060	13.0
3294	2700	1400	5.57	1485	6.34	1566	7.14	1645	7.97	1720	8.82	1793	9.69	1863	10.5	1931	11.5	1997	12.4	2061	13.3
3416	2800	1408	5.82	1491	6.59	1571	7.40	1649	8.24	1724	9.10	1796	9.99	1866	10.9	1933	11.8	1999	12.7	2063	13.7
3538	2900	1417	6.08	1497	6.85	1577	7.67	1654	8.52	1728	9.39	1799	10.3	1869	11.2	1936	12.1	2001	13.1	2065	14.1
3660	3000	1426	6.35	1506	7.14	1583	7.95	1659	8.81	1732	9.70	1803	10.6	1872	11.5	1939	12.5	2004	13.4	2067	14.4
3904	3200	1445	6.89	1524	7.73	1599	8.57	1671	9.43	1743	10.3	1813	11.2	1880	12.2	1946	13.2	2010	14.2	2072	15.2
4148	3400	1466	7.47	1543	8.35	1617	9.25	1688	10.1	1756	11.0	1824	12.0	1890	12.9	1955	13.9	2018	15.0	2080	16.0
4392	3600	1487	8.07	1563	9.01	1636	9.95	1706	10.8	1773	11.8	1838	12.7	1902	13.7	1966	14.8	2028	15.8	2088	16.9
4636	3800	1510	8.72	1585	9.69	1656	10.6	1725	11.6	1791	12.6	1855	13.6	1918	14.6	1978	15.6	2039	16.7	2099	17.8
4880	4000	1534	9.39	1607	10.4	1677	11.4	1745	12.4	1811	13.5	1874	14.5	1935	15.6	1995	16.6	2053	17.7	2111	18.8
5124	4200	1559	10.1	1631	11.1	1700	12.2	1766	13.3	1831	14.4	1893	15.5	1954	16.6	2013	17.7	2070	18.8	2126	19.9
5368	4400	1585	10.8	1656	11.9	1723	13.1	1789	14.2	1852	15.3	1914	16.5	1973	17.6	2032	18.8	2088	19.9	2144	21.1
5612	4600	1613	11.6	1681	12.8	1748	13.9	1812	15.1	1874	16.3	1935	17.5	1994	18.7	2051	19.9	2107	21.1	2162	22.3
5856	4800	1641	12.5	1708	13.7	1773	14.9	1836	16.1	1897	17.3	1957	18.5	2015	19.8	2072	21.0	2127	22.3	2181	23.5
6100	5000	1669	13.4	1735	14.6	1799	15.9	1861	17.1	1922	18.4	1980	19.7	2038	20.9	2093	22.2	2148	23.5	2201	24.8
6344	5200	1699	14.3	1764	15.6	1826	16.9	1887	18.2	1946	19.5	2004	20.8	2061	22.1	2116	23.5	2170	24.8	2222	26.2
6588	5400	1729	15.3	1793	16.6	1854	18.0	1914	19.3	1972	20.7	2029	22.0	2085	23.4	2139	24.8	2192	26.2	2244	27.6
6832	5600	1760	16.4	1822	17.7	1883	19.1	1942	20.5	1999	21.9	2055	23.3	2109	24.7	2163	26.1	2215	27.6	2266	29.0
7076	5800	1791	17.5	1853	18.9	1912	20.3	1970	21.7	2026	23.2	2081	24.6	2135	26.1	2188	27.5	2239	29.0	2290	30.5
7320	6000	1822	18.6	1883	20.1	1942	21.5	1999	23.0	2054	24.5	2108	26.0	2161	27.5	2213	29.0	2264	30.5	2314	32.0
7564	6200	1854	19.8	1915	21.3	1972	22.9	2028	24.4	2083	25.9	2136	27.4	2188	29.0	2239	30.5	2289	32.1	2338	33.6
7808	6400	1886	21.1	1946	22.7	2003	24.2	2059	25.8	2112	27.4	2165	28.9	2216	30.5	2266	32.1	2315	33.7	2364	35.3
8052	6600	1918	22.4	1978	24.0	2034	25.6	2089	27.3	2142	28.9	2194	30.5	2244	32.1	2294	33.8	2342	35.4	2390	37.1
8296	6800	1949	23.7	2009	25.4	2066	27.1	2120	28.8	2172	30.5	2223	32.1	2273	33.8	2322	35.5	2370	37.2	2417	38.9
8540	7000	1981	25.2	2041	26.9	2097	28.7	2151	30.4	2203	32.1	2253	33.8	2302	35.5	2351	37.3	2398	39.0	2444	40.7



INDUSTRIAL FAN

WHEEL DIA. 29 5/8"
OUTLET AREA 1.57 SQ FT
INLET DIA. 17"
INLET AREA 1.52 SQ FT

CONE WHEEL
TYPE XC



SIZE 17

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2512	1600	515	.69	595	.95	669	1.22	735	1.50	791	1.79	846	2.12	904	2.46	954	2.86	1001	3.23	1092	4.02
2669	1700	525	.75	604	1.03	675	1.31	738	1.61	797	1.91	852	2.24	907	2.59	959	2.97	1005	3.36	1093	4.17
2826	1800	536	.82	614	1.12	683	1.40	745	1.72	804	2.04	859	2.37	912	2.72	964	3.10	1010	3.50	1094	4.33
2983	1900	548	.90	625	1.21	692	1.51	753	1.83	811	2.17	866	2.51	918	2.87	969	3.24	1015	3.64	1098	4.50
3140	2000	560	.99	636	1.30	702	1.62	761	1.95	819	2.29	873	2.65	924	3.02	975	3.39	1020	3.79	1103	4.68
3297	2100	573	1.08	647	1.40	712	1.74	770	2.08	827	2.42	880	2.80	931	3.16	981	3.56	1025	3.95	1108	4.87
3454	2200	586	1.17	659	1.51	722	1.87	780	2.22	836	2.56	887	2.96	938	3.32	988	3.74	1030	4.14	1113	5.07
3611	2300	599	1.27	671	1.62	732	2.00	790	2.36	845	2.72	895	3.13	945	3.50	995	3.93	1036	4.33	1119	5.28
3768	2400	612	1.37	683	1.74	743	2.13	801	2.50	854	2.90	904	3.30	953	3.69	1002	4.13	1043	4.53	1125	5.50
3925	2500	625	1.48	695	1.87	754	2.27	811	2.66	864	3.08	914	3.48	961	3.89	1009	4.34	1051	4.75	1131	5.73
4082	2600	638	1.60	707	2.00	765	2.41	821	2.82	874	3.26	924	3.67	970	4.10	1017	4.55	1060	4.97	1138	5.97
4239	2700	651	1.72	719	2.14	776	2.56	832	2.99	884	3.44	934	3.87	980	4.31	1025	4.78	1069	5.20	1146	6.22
4396	2800	665	1.86	731	2.29	788	2.72	844	3.18	895	3.63	944	4.09	990	4.53	1034	5.02	1079	5.46	1154	6.48
4553	2900	679	2.01	744	2.44	801	2.89	856	3.40	906	3.83	954	4.32	1000	4.76	1043	5.26	1089	5.74	1162	6.75
4710	3000	694	2.17	759	2.61	815	3.08	868	3.63	918	4.04	964	4.55	1010	5.01	1053	5.52	1100	6.02	1171	7.03
5024	3200	722	2.46	785	2.96	840	3.44	891	3.98	941	4.47	985	5.00	1030	5.52	1073	6.05	1121	6.59	1190	7.60
5338	3400	752	2.78	812	3.36	865	3.82	916	4.40	964	4.94	1008	5.47	1050	6.00	1093	6.62	1142	7.18	1208	8.24
5652	3600	783	3.14	840	3.78	891	4.25	942	4.90	987	5.45	1032	5.98	1072	6.56	1114	7.21	1163	7.80	1228	8.96
5966	3800	814	3.54	869	4.22	918	4.78	969	5.42	1012	5.99	1056	6.56	1096	7.20	1136	7.84	1184	8.46	1250	9.68
6280	4000	845	3.98	899	4.69	945	5.35	997	6.00	1037	6.59	1081	7.20	1120	7.92	1159	8.55	1205	9.18	1272	10.4
6594	4200	876	4.50	929	5.23	973	5.93	1024	6.61	1063	7.30	1106	7.88	1146	8.64	1183	9.31	1226	9.96	1294	11.2
6908	4400	907	5.11	959	5.82	1003	6.55	1051	7.25	1090	8.01	1132	8.58	1172	9.36	1208	10.1	1247	10.8	1318	12.1
7222	4600	939	5.76	989	6.57	1033	7.21	1078	7.91	1118	8.73	1158	9.35	1198	10.1	1234	10.9	1269	11.7	1342	12.9
7536	4800	971	6.43	1019	7.30	1062	7.89	1105	8.66	1146	9.47	1185	10.2	1224	10.9	1260	11.8	1292	12.6	1366	13.9
7850	5000	1002	7.16	1049	8.03	1092	8.70	1132	9.50	1174	10.2	1217	11.1	1250	11.8	1286	12.7	1316	13.5	1390	15.0
8164	5200	1033	7.91	1080	8.76	1122	9.55	1160	10.4	1202	11.1	1244	12.0	1276	12.8	1313	13.6	1341	14.5	1414	16.0
8478	5400	1064	8.88	1111	9.50	1152	10.4	1188	11.5	1230	12.1	1271	12.9	1302	13.9	1340	14.6	1367	15.6	1438	17.1
8792	5600	1096	9.88	1142	10.3	1182	11.4	1218	12.5	1259	13.1	1298	14.0	1330	14.9	1367	15.7	1394	16.7	1462	18.3
9106	5800	1129	11.0	1174	11.2	1214	12.4	1248	13.5	1289	14.2	1325	15.1	1358	16.1	1394	17.0	1422	17.9	1488	19.5
9420	6000	1162	12.1	1209	12.2	1247	13.5	1278	14.4	1319	15.3	1353	16.2	1388	17.3	1422	18.3	1451	19.3	1518	20.8

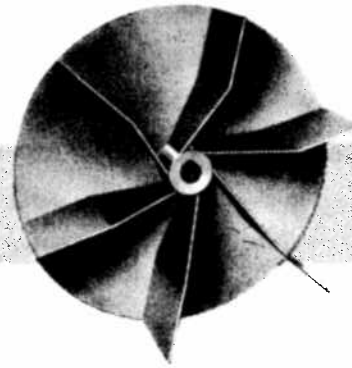
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4082	2600	1221	6.84	1292	7.85	1362	8.89	1429	9.90	1493	11.2										
4239	2700	1227	7.11	1298	8.14	1368	9.19	1433	10.2	1496	11.5	1561	12.6	1616	13.9						
4396	2800	1234	7.40	1305	8.44	1374	9.51	1438	10.6	1501	11.8	1563	12.9	1621	14.2	1682	15.6				
4553	2900	1241	7.71	1312	8.76	1381	9.85	1444	11.0	1507	12.1	1567	13.3	1627	14.6	1685	15.9	1740	17.3	1790	18.5
4710	3000	1249	8.03	1319	9.09	1388	10.2	1451	11.4	1514	12.5	1572	13.7	1633	15.0	1690	16.3	1744	17.7	1795	18.8
5024	3200	1265	8.68	1334	9.76	1401	10.9	1465	12.2	1528	13.3	1582	14.3	1645	15.8	1699	17.1	1753	18.5	1804	19.6
5338	3400	1282	9.39	1350	10.4	1415	11.7	1480	13.0	1542	14.2	1594	15.3	1657	16.7	1709	18.0	1762	19.4	1814	20.7
5652	3600	1301	10.1	1366	11.2	1431	12.5	1496	13.8	1556	15.1	1608	16.3	1669	17.6	1720	19.0	1772	20.4	1824	21.8
5966	3800	1321	10.9	1384	12.1	1449	13.4	1512	14.7	1571	16.0	1622	17.3	1682	18.6	1732	20.1	1784	21.5	1836	22.9
6280	4000	1341	11.7	1404	12.9	1468	14.3	1528	15.6	1586	17.0	1638	18.3	1696	19.7	1745	21.2	1798	22.7	1848	24.1
6594	4200	1361	12.6	1424	13.9	1488	15.3	1545	16.6	1602	18.1	1654	19.3	1711	20.9	1759	22.4	1813	23.9	1862	25.3
6908	4400	1381	13.5	1444	14.9	1508	16.4	1563	17.7	1620	19.3	1672	20.4	1727	22.2	1775	23.7	1830	25.2	1876	26.5
7222	4600	1402	14.5	1464	16.0	1528	17.5	1582	18.9	1639	20.5	1690	21.7	1744	23.5	1792	25.0	1847	26.6	1890	28.0
7536	4800	1425	15.5	1486	17.0	1548	18.6	1602	20.0	1659	21.7	1708	23.2	1762	24.9	1810	26.5	1864	28.1	1906	29.5
7850	5000	1449	16.6	1508	18.1	1569	19.8	1622	21.2	1679	23.0	1728	24.6	1781	26.4	1829	28.0	1881	29.7	1922	31.1
8164	5200	1473	17.8	1530	19.3	1591	21.0	1642	22.5	1700	24.4	1748	26.0	1800	28.0	1849	29.5	1898	31.3	1940	32.8
8478	5400	1498	19.0	1552	20.5	1613	22.3	1664	23.9	1721	25.8	1769	27.5	1820	29.6	1869	31.1	1917	32.9	1959	34.5
8792	5600	1523	20.2	1576	21.8	1635	23.7	1688	25.4	1742	27.3	1790	29.0	1840	31.3	1889	32.8	1936	34.6	1979	36.2
9106	5800	1548	21.5	1602	23.1	1659	25.2	1712	27.2	1764	28.9	1812	30.6	1861	33.0	1910	34.5	1956	36.4	1999	38.1
9420	6000	1574	22.9	1630	24.6	1684	26.8	1732	29.0	1786	30.5	1836	32.3	1882	34.7	1931	36.2	1977	38.3	2019	40.1
9734	6200	1600	24.4	1655	26.0	1709	28.4	1757	30.4	1809	32.2	1859	34.0	1904	36.5	1952	38.0	1998	40.2	2040	42.1
10048	6400	1626	25.9	1680	27.5	1734	30.0	1782	31.8	1832	34.0	1882	35.7	1927	38.3	1974	39.8	2019	42.1	2060	44.2
10362	6600	1652	27.4	1705	29.0	1759	31.7	1807	33.4	1856	35.8	1905	37.6	1950	40.1	1996	41.8	2040	44.0	2080	46.1
10676	6800	1679	29.0	1730	30.6	1784	33.4	1832	35.2	1880	37.7	1928	39.5	1973	42.0	2019	43.9	2061	46.0	2101	48.0
10990	7000	1707	30.6	1756	32.3	1810	35.3	1857	37.0	1905	39.6	1951	41.0	1997	43.9	2042	46.0	2083	48.1	2122	50.2



INDUSTRIAL FAN

WHEEL DIA. 33"
OUTLET AREA 1.95 SQ FT
INLET DIA. 19"
INLET AREA 1.89 SQ FT

CONE WHEEL
TYPE XC



SIZE 19

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3110	1600	464	.85	535	1.18	602	1.51	660	1.86	711	2.22	761	2.63	814	3.05	859	3.54	901	4.01	983	4.99
3305	1700	473	.93	543	1.28	608	1.62	665	1.99	717	2.37	767	2.78	817	3.21	863	3.68	905	4.17	984	5.17
3500	1800	483	1.02	552	1.39	615	1.74	671	2.13	723	2.52	773	2.94	821	3.38	867	3.84	909	4.34	986	5.36
3695	1900	493	1.12	562	1.50	623	1.87	678	2.27	730	2.68	779	3.11	826	3.56	872	4.02	913	4.51	989	5.56
3890	2000	504	1.23	572	1.62	632	2.01	685	2.42	737	2.84	785	3.29	832	3.74	877	4.21	918	4.70	993	5.77
4085	2100	515	1.34	582	1.74	641	2.16	693	2.58	745	3.01	791	3.47	838	3.93	883	4.42	923	4.91	997	6.00
4280	2200	527	1.45	592	1.87	650	2.32	702	2.75	753	3.20	798	3.67	844	4.13	889	4.64	928	5.13	1002	6.25
4475	2300	539	1.57	603	2.01	659	2.48	711	2.93	761	3.39	806	3.88	851	4.35	895	4.87	934	5.36	1007	6.51
4670	2400	551	1.70	614	2.16	669	2.65	720	3.11	769	3.60	814	4.09	858	4.58	901	5.12	940	5.61	1013	6.79
4865	2500	563	1.84	625	2.32	679	2.82	729	3.30	778	3.82	823	4.31	865	4.83	908	5.38	946	5.88	1019	7.08
5060	2600	575	1.98	636	2.49	689	3.00	739	3.50	787	4.04	832	4.55	873	5.09	915	5.65	953	6.16	1025	7.38
5255	2700	587	2.14	647	2.66	700	3.18	749	3.71	796	4.26	841	4.80	882	5.35	923	5.93	961	6.46	1032	7.69
5450	2800	599	2.31	658	2.84	711	3.36	760	3.95	805	4.50	850	5.07	891	5.62	931	6.22	970	6.78	1039	8.01
5645	2900	611	2.49	670	3.03	722	3.54	771	4.20	815	4.75	859	5.35	900	5.91	940	6.53	980	7.11	1046	8.35
5840	3000	624	2.68	682	3.24	733	3.89	782	4.45	826	5.01	868	5.63	909	6.21	949	6.85	990	7.46	1054	8.71
6230	3200	650	3.05	706	3.67	756	4.29	803	4.94	847	5.54	886	6.20	926	6.81	966	7.50	1009	8.17	1070	9.43
6620	3400	677	3.45	731	4.17	779	4.75	825	5.48	868	6.12	906	6.79	945	7.45	984	8.21	1028	8.90	1087	10.2
7010	3600	705	3.89	756	4.69	802	5.30	848	6.08	889	6.76	928	7.41	965	8.17	1002	8.95	1047	9.68	1105	11.1
7400	3800	733	4.39	782	5.24	826	5.94	872	6.73	911	7.44	950	8.14	986	8.97	1021	9.71	1056	10.5	1124	12.0
7790	4000	761	4.96	809	5.83	851	6.64	896	7.45	934	8.25	973	8.96	1008	9.82	1042	10.6	1085	11.4	1144	12.9
8180	4200	789	5.61	836	6.51	877	7.35	920	8.21	957	9.08	996	9.81	1031	10.7	1064	11.5	1104	12.4	1165	13.9
8570	4400	817	6.35	863	7.28	904	8.12	945	9.00	981	9.93	1019	10.7	1054	11.6	1086	12.5	1123	13.4	1186	14.9
8960	4600	845	7.15	890	8.15	931	8.95	970	9.85	1006	10.8	1043	11.6	1078	12.6	1109	13.5	1142	14.5	1207	16.0
9350	4800	873	7.99	917	9.05	958	9.84	995	10.8	1031	11.7	1068	12.6	1102	13.6	1133	14.6	1162	15.6	1229	17.2
9740	5000	901	8.89	944	9.96	985	10.8	1020	11.8	1056	12.7	1093	13.7	1126	14.7	1157	15.7	1184	16.8	1251	18.5
10130	5200	929	9.85	972	10.9	1012	11.8	1045	12.9	1081	13.8	1118	14.8	1150	15.9	1181	16.9	1206	18.0	1273	19.8
10520	5400	957	11.0	1000	11.8	1039	12.9	1070	14.1	1107	15.0	1143	16.0	1174	17.2	1205	18.2	1230	19.3	1295	21.2
10910	5600	986	12.3	1029	12.8	1066	14.1	1096	15.3	1133	16.3	1168	17.3	1198	18.5	1229	19.6	1255	20.7	1317	22.7
11300	5800	1016	13.6	1058	13.9	1093	15.4	1123	16.6	1160	17.6	1193	18.7	1223	19.9	1254	21.1	1280	22.2	1341	24.2
11690	6000	1047	15.0	1088	15.1	1121	16.7	1150	17.9	1188	19.0	1218	20.1	1249	21.4	1280	22.7	1307	23.8	1366	25.8

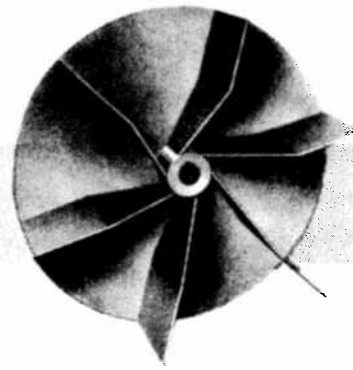
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5060	2600	1100	8.49	1163	9.74	1226	11.0	1285	12.3	1343	13.9	1404	15.6	1454	17.2	1513	19.3	1566	21.4	1610	22.9
5255	2700	1104	8.82	1168	10.1	1231	11.4	1290	12.7	1347	14.2	1404	16.0	1458	17.6	1513	19.3	1566	21.4	1610	22.9
5450	2800	1109	9.18	1174	10.5	1237	11.8	1296	13.1	1351	14.6	1407	16.5	1463	18.1	1517	19.7	1566	21.4	1610	22.9
5645	2900	1115	9.56	1180	10.9	1243	12.2	1302	13.6	1356	15.0	1411	16.5	1463	18.1	1517	19.7	1566	21.4	1610	22.9
5840	3000	1123	9.97	1187	11.3	1249	12.6	1309	14.2	1362	15.5	1415	17.0	1468	18.6	1521	20.2	1570	21.9	1614	23.4
6230	3200	1139	10.8	1201	12.1	1261	13.5	1322	15.3	1374	16.5	1424	17.9	1479	19.6	1529	21.2	1578	23.0	1623	24.5
6620	3400	1155	11.6	1215	13.0	1274	14.5	1325	16.4	1387	17.6	1435	19.0	1490	20.7	1538	22.3	1587	24.1	1632	25.7
7010	3600	1172	12.5	1230	14.0	1288	15.5	1338	17.5	1400	18.7	1447	20.2	1501	21.9	1548	23.6	1597	25.3	1641	27.0
7400	3800	1189	13.5	1246	15.0	1303	16.6	1351	18.6	1413	19.9	1460	21.4	1513	23.1	1559	24.9	1608	26.7	1651	28.4
7790	4000	1206	14.5	1263	16.1	1320	17.8	1365	19.7	1427	21.1	1475	22.6	1526	24.4	1571	26.3	1620	28.2	1662	29.9
8180	4200	1224	15.6	1281	17.3	1338	19.0	1380	20.9	1442	22.4	1491	23.9	1540	25.9	1584	27.8	1633	29.7	1674	31.4
8570	4400	1243	16.7	1300	18.5	1356	20.3	1396	22.1	1458	23.8	1507	25.3	1555	27.5	1598	29.4	1647	31.3	1687	33.0
8960	4600	1262	17.9	1319	19.8	1374	21.7	1423	23.4	1475	25.3	1524	26.9	1571	29.2	1613	31.1	1661	33.0	1701	34.7
9350	4800	1282	19.2	1338	21.1	1392	23.1	1441	24.8	1493	26.8	1541	28.6	1587	31.0	1629	32.9	1676	34.8	1715	36.6
9740	5000	1303	20.6	1358	22.5	1411	24.6	1459	26.3	1511	28.4	1558	30.4	1603	32.8	1646	34.7	1692	36.7	1730	38.6
10130	5200	1324	22.1	1378	23.9	1431	26.1	1478	27.9	1530	30.1	1575	32.2	1620	34.7	1663	36.6	1708	38.7	1746	40.6
10520	5400	1346	23.6	1398	25.4	1451	27.7	1498	29.6	1549	31.9	1593	34.1	1638	36.7	1681	38.6	1725	40.8	1763	42.7
10910	5600	1369	25.1	1419	27.0	1471	29.4	1518	31.4	1568	33.8	1611	36.0	1656	38.8	1700	40.7	1742	42.9	1780	44.9
11300	5800	1392	26.7	1442	28.7	1491	31.2	1538	33.3	1588	35.8	1630	38.0	1674	40.9	1719	42.8	1760	45.1	1798	47.2
11690	6000	1416	28.4	1465	30.5	1512	33.2	1559	35.3	1608	37.8	1650	40.0	1693	43.1	1738	45.0	1779	47.4	1816	49.6
12030	6200	1440	30.2	1488	32.3	1534	35.2	1580	37.3	1628	39.9	1671	42.1	1713	45.3	1757	47.2	1798	49.8	1834	52.1
12470	6400	1464	32.1	1511	34.1	1557	37.2	1602	39.3	1649	42.1	1692	44.3	1734	47.5	1777	49.5	1817	52.2	1852	54.6
12860	6600	1488	34.0	1534	36.0	1581	39.3	1624	41.4	1670	44.4	1713	46.5	1755	49.8	1797	51.9	1837	54.6	1871	57.1
13250	6800	1512	36.0	1557	38.0	1605	41.5	1647	43.6	1691	46.7	1735	48.7	1776	52.1	1818	54.4	1857	57.1	1891	59.7
13640	7000	1536	38.0	1581	40.0	1630	43.8	1670	45.9	1713	49.1	1757	51.0	1798	54.4	1840	57.0	1877	59.7	1912	62.3



INDUSTRIAL FAN

WHEEL DIA. 36 1/2"
OUTLET AREA 2.39 SQ FT
INLET DIA. 21"
INLET AREA 2.33 SQ FT

CONE WHEEL TYPE XC



SIZE **21**

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3824	1600	418	1.03	483	1.43	543	1.83	597	2.27	643	2.70	687	3.19	734	3.72	775	4.32	814	4.88	887	6.06
4063	1700	427	1.13	490	1.56	549	1.97	601	2.43	648	2.89	692	3.38	737	3.91	779	4.49	817	5.08	889	6.30
4302	1800	436	1.24	498	1.69	555	2.12	606	2.60	653	3.08	697	3.58	741	4.11	783	4.68	820	5.29	891	6.55
4541	1900	445	1.36	507	1.83	562	2.28	612	2.77	659	3.27	703	3.79	745	4.33	787	4.89	824	5.50	893	6.81
4780	2000	455	1.49	516	1.97	570	2.45	619	2.95	665	3.46	709	4.00	750	4.55	791	5.12	828	5.72	896	7.08
5019	2100	465	1.63	525	2.12	578	2.63	626	3.14	671	3.66	715	4.23	756	4.78	796	5.38	832	5.97	900	7.36
5258	2200	475	1.77	534	2.28	586	2.82	634	3.35	678	3.88	721	4.47	762	5.02	801	5.65	836	6.25	904	7.66
5497	2300	485	1.92	544	2.45	594	3.02	642	3.57	686	4.12	728	4.72	768	5.29	807	5.94	841	6.55	909	7.97
5736	2400	496	2.08	554	2.63	603	3.22	651	3.79	694	4.38	735	4.98	774	5.58	813	6.24	847	6.86	914	8.30
5975	2500	507	2.25	564	2.82	612	3.43	660	4.02	702	4.65	743	5.26	781	5.88	819	6.55	853	7.18	920	8.66
6214	2600	518	2.42	574	3.02	621	3.64	669	4.27	710	4.92	751	5.55	788	6.19	825	6.87	860	7.51	926	9.03
6453	2700	529	2.60	584	3.23	630	3.87	678	4.54	718	5.20	759	5.86	796	6.51	832	7.21	867	7.86	932	9.41
6692	2800	540	2.81	594	3.45	640	4.11	687	4.82	727	5.49	767	6.19	804	6.84	840	7.57	875	8.25	938	9.80
6931	2900	551	3.04	605	3.68	650	4.36	696	5.11	736	5.79	775	6.53	812	7.19	848	7.95	884	8.66	944	10.2
7170	3000	563	3.27	616	3.94	660	4.63	705	5.41	745	6.11	783	6.87	820	7.57	856	8.35	893	9.09	951	10.6
7648	3200	587	3.72	638	4.47	681	5.17	724	6.01	763	6.75	800	7.55	836	8.34	872	9.15	910	9.95	965	11.5
8126	3400	611	4.21	660	5.07	702	5.79	744	6.67	782	7.46	818	8.26	853	9.06	888	10.0	927	10.9	980	12.5
8604	3600	636	4.74	682	5.71	723	6.48	765	7.40	802	8.23	837	9.04	871	9.91	905	10.9	944	11.8	996	13.5
9082	3800	661	5.35	705	6.38	745	7.24	786	8.20	822	9.05	857	9.91	890	10.9	922	11.9	961	12.8	1013	14.6
9560	4000	686	6.01	729	7.10	767	8.08	808	9.06	843	9.95	878	10.9	910	11.9	940	13.0	978	13.9	1031	15.7
10038	4200	711	6.80	753	7.91	790	8.96	830	9.96	864	11.0	899	11.9	930	13.0	959	14.1	995	15.1	1050	16.9
10516	4400	736	7.73	777	8.84	814	9.90	852	10.9	885	12.1	920	13.0	951	14.1	980	15.3	1013	16.4	1070	18.2
10994	4600	761	8.70	801	9.84	838	10.9	874	11.9	907	13.2	942	14.2	972	15.3	1001	16.5	1031	17.7	1090	19.6
11472	4800	786	9.70	826	11.0	862	11.9	897	13.1	930	14.4	964	15.5	993	16.6	1022	17.8	1050	19.0	1110	21.1
11950	5000	812	10.8	851	12.1	886	13.1	920	14.3	953	15.6	986	16.8	1014	17.9	1044	19.1	1069	20.4	1130	22.6
12428	5200	838	12.0	876	13.2	911	14.4	943	15.7	976	16.9	1008	18.2	1036	19.3	1066	20.5	1089	21.9	1150	24.2
12906	5400	864	13.4	902	14.3	936	15.8	966	17.2	999	18.3	1031	19.7	1058	21.8	1088	22.0	1110	23.5	1170	25.9
13384	5600	890	14.9	928	15.5	961	17.2	989	18.7	1023	19.8	1054	21.2	1080	22.5	1110	23.7	1132	25.2	1190	27.7
13862	5800	917	16.6	954	16.9	986	18.7	1013	20.2	1047	21.4	1077	22.8	1103	24.3	1133	25.6	1155	27.0	1210	29.5
14340	6000	945	18.4	980	18.4	1011	20.3	1038	21.8	1071	23.1	1101	24.5	1128	26.1	1156	27.6	1179	29.0	1231	31.4

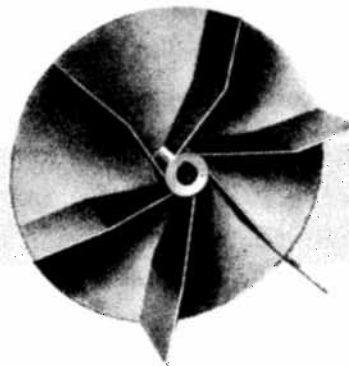
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6214	2600	993	10.3	1050	11.9	1107	13.4	1160	14.9	1211	16.9	1268	19.0	1311	21.0	1367	23.5	1412	26.1	1453	27.9
6453	2700	997	10.7	1054	12.3	1111	13.9	1164	15.4	1215	17.3	1270	19.5	1316	21.5	1370	24.0	1416	26.7	1457	28.5
6692	2800	1002	11.1	1059	12.7	1116	14.4	1168	16.0	1220	17.8	1273	20.1	1321	22.0	1370	24.0	1416	26.7	1457	28.5
6931	2900	1008	11.6	1064	13.2	1121	14.9	1173	16.6	1225	18.3	1273	20.1	1321	22.0	1370	24.0	1416	26.7	1457	28.5
7170	3000	1014	12.1	1070	13.7	1127	15.4	1179	17.2	1230	18.9	1277	20.7	1326	22.6	1374	24.6	1416	26.7	1457	28.5
7648	3200	1027	13.1	1083	14.7	1138	16.5	1191	18.3	1240	20.1	1286	21.9	1336	23.8	1382	25.8	1424	27.9	1465	29.7
8126	3400	1042	14.2	1096	15.8	1149	17.7	1203	19.5	1251	21.4	1296	23.2	1346	25.2	1390	27.2	1432	29.3	1473	31.2
8604	3600	1058	15.3	1109	17.0	1161	18.9	1215	20.8	1263	22.8	1307	24.6	1356	26.6	1399	28.7	1441	30.8	1481	32.9
9082	3800	1074	16.5	1123	18.3	1175	20.2	1227	22.2	1276	24.2	1319	26.1	1367	28.1	1409	30.3	1450	32.5	1490	34.6
9560	4000	1090	17.7	1138	19.6	1191	21.6	1240	23.6	1289	25.7	1331	27.6	1378	29.8	1419	32.0	1460	34.3	1500	36.4
10038	4200	1106	19.0	1154	21.0	1207	23.1	1254	25.1	1302	27.3	1344	29.2	1390	31.6	1430	33.8	1472	36.1	1511	38.3
10516	4400	1123	20.4	1171	22.5	1223	24.7	1270	26.7	1316	29.1	1358	31.0	1403	33.5	1442	35.8	1485	38.0	1522	40.3
10994	4600	1140	21.9	1188	24.1	1240	26.4	1286	28.4	1331	30.9	1373	32.9	1417	35.5	1455	37.9	1499	40.1	1534	42.4
11472	4800	1158	23.5	1205	25.7	1257	28.1	1302	30.2	1347	32.8	1388	35.0	1432	37.6	1470	40.1	1514	42.4	1547	44.6
11950	5000	1177	25.2	1223	27.4	1274	29.9	1318	32.0	1363	34.8	1404	37.1	1447	39.9	1485	42.3	1529	44.8	1561	47.0
12428	5200	1197	26.9	1242	29.2	1292	31.8	1334	34.0	1380	36.9	1420	39.3	1463	42.3	1501	44.6	1544	47.2	1576	49.5
12906	5400	1217	28.7	1261	31.0	1310	33.8	1351	36.2	1397	39.0	1437	41.5	1479	44.8	1517	47.0	1559	49.7	1591	52.0
13384	5600	1237	30.6	1281	32.9	1329	35.9	1370	38.5	1414	41.2	1454	43.8	1495	47.3	1534	49.5	1574	52.3	1607	54.6
13862	5800	1258	32.6	1301	34.9	1348	38.1	1389	40.8	1432	43.6	1472	46.2	1512	49.9	1551	52.1	1589	55.0	1623	57.5
14340	6000	1279	34.7	1321	37.0	1368	40.5	1409	43.2	1450	46.1	1490	48.7	1530	52.5	1568	54.7	1605	57.8	1640	60.5
14818	6200	1300	36.9	1342	39.2	1388	42.9	1428	45.6	1469	48.7	1508	51.3	1548	55.1	1585	57.4	1622	60.7	1657	63.5
15296	6400	1321	39.1	1363	41.5	1408	45.4	1448	48.0	1488	51.4	1527	53.9	1566	57.8	1603	60.2	1639	63.6	1674	66.5
15774	6600	1342	41.4	1384	43.8	1429	47.9	1468	50.5	1508	54.1	1546	56.5	1584	60.6	1621	63.2	1657	66.5	1691	69.6
16252	6800	1364	43.8	1405	46.2	1450	50.5	1488	53.1	1528	56.9	1565	59.2	1602	63.4	1640	66.3	1675	69.5	1708	72.7
16730	7000	1387	46.2	1426	48.8	1471	53.3	1508	55.9	1548	59.8	1584	61.9	1621	66.2	1660	69.5	1693	72.7	1726	75.9



INDUSTRIAL FAN

WHEEL DIA. 40"
OUTLET AREA 2.85 SQ FT
INLET DIA. 23"
INLET AREA 2.78 SQ FT

CONE WHEEL TYPE XC



SIZE 23

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4572	1600	381	1.26	441	1.73	495	2.22	544	2.73	586	3.26	627	3.86	670	4.48	707	5.21	741	5.88	809	7.32
4858	1700	389	1.37	447	1.87	500	2.38	547	2.93	590	3.48	631	4.08	672	4.71	710	5.41	744	6.12	809	7.59
5143	1800	397	1.49	455	2.04	506	2.55	552	3.13	595	3.71	636	4.31	675	4.95	714	5.64	748	6.37	810	7.88
5429	1900	406	1.64	463	2.20	512	2.75	558	3.33	601	3.95	641	4.57	680	5.22	718	5.90	752	6.62	813	8.19
5715	2000	415	1.80	471	2.37	520	2.95	564	3.55	607	4.17	647	4.82	684	5.50	722	6.17	755	6.90	817	8.52
6001	2100	424	1.97	479	2.55	527	3.17	570	3.79	612	4.40	652	5.10	689	5.75	727	6.48	759	7.19	821	8.86
6286	2200	434	2.13	488	2.75	535	3.40	578	4.04	619	4.66	657	5.39	692	6.04	732	6.81	763	7.53	824	9.23
6572	2300	444	2.31	497	2.95	542	3.64	585	4.30	626	4.95	663	5.70	700	6.37	737	7.15	767	7.88	829	9.61
6858	2400	453	2.49	506	3.17	550	3.88	593	4.55	632	5.28	670	6.01	706	6.72	742	7.52	772	8.24	833	10.0
7144	2500	463	2.69	515	3.40	558	4.13	601	4.84	640	5.61	677	6.33	712	7.08	747	7.90	778	8.65	838	10.4
7429	2600	473	2.91	524	3.64	567	4.39	608	5.13	647	5.93	684	6.68	718	7.46	753	8.28	785	9.05	843	10.9
7715	2700	482	3.13	532	3.89	575	4.66	616	5.44	655	6.26	692	7.04	726	7.84	759	8.70	792	9.46	849	11.3
8001	2800	492	3.39	541	4.17	584	4.95	625	5.79	663	6.61	699	7.44	733	8.24	766	9.14	799	9.94	855	11.8
8286	2900	503	3.66	551	4.44	593	5.26	634	6.19	671	6.97	707	7.86	741	8.66	772	9.57	807	10.4	861	12.3
8572	3000	514	3.95	562	4.75	604	5.61	643	6.61	680	7.35	714	8.28	748	9.12	780	10.0	815	11.0	867	12.8
9144	3200	535	4.48	581	5.39	622	6.26	660	7.24	697	8.14	729	9.10	763	10.0	795	11.0	830	12.0	881	13.8
9715	3400	557	5.06	601	6.12	641	6.95	678	8.01	714	8.99	747	9.96	778	10.9	809	12.0	846	13.1	895	15.0
10287	3600	580	5.71	622	6.88	660	7.74	698	8.92	731	9.92	764	10.9	794	11.9	825	13.1	861	14.2	909	16.3
10858	3800	603	6.44	644	7.68	680	8.70	718	9.86	749	10.9	782	11.9	812	13.1	841	14.3	877	15.4	926	17.6
11430	4000	626	7.24	666	8.54	700	9.74	738	10.9	768	12.0	801	13.1	829	14.4	858	15.6	892	16.7	942	18.9
12001	4200	649	8.19	688	9.52	721	10.8	758	12.0	787	13.3	819	14.3	849	15.7	876	16.9	908	18.1	958	20.4
12573	4400	672	9.30	710	10.6	743	11.9	778	13.2	807	14.6	838	15.6	868	17.0	895	18.4	924	19.7	976	22.0
13144	4600	695	10.5	732	12.0	765	13.1	798	14.4	828	15.9	858	17.0	887	18.4	914	19.8	940	21.3	994	23.5
13716	4800	719	11.7	755	13.3	787	14.4	818	15.8	849	17.2	878	18.6	906	19.8	933	21.5	957	22.9	1012	25.3
14287	5000	742	13.0	777	14.6	809	15.8	838	17.3	869	18.6	901	20.2	926	21.5	952	23.1	975	24.6	1029	27.3
14858	5200	765	14.4	800	15.9	831	17.4	859	18.9	890	20.2	921	21.8	945	23.3	972	24.8	993	26.4	1047	29.1
15430	5400	788	16.2	823	17.3	853	18.9	880	20.9	911	22.0	941	23.5	964	25.3	992	26.6	1012	28.4	1065	31.1
16001	5600	812	18.0	846	18.7	875	20.7	902	22.8	932	23.8	961	25.5	985	27.1	1012	28.6	1032	30.4	1083	33.3
16573	5800	836	20.0	869	20.4	899	22.6	924	24.6	955	25.8	981	27.5	1006	29.3	1032	30.9	1053	32.6	1102	35.5
17144	6000	861	22.0	895	22.2	924	24.6	946	26.2	977	27.8	1002	29.5	1028	31.5	1053	33.3	1075	35.1	1124	37.9

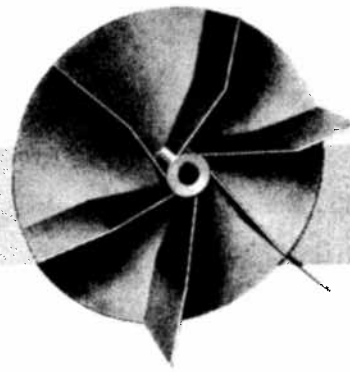
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7429	2600	904	12.4	957	14.3	1009	16.2	1058	18.0	1106	20.4	1156	22.9	1197	25.3	1246	28.4	1289	31.5	1326	33.7
7715	2700	909	12.9	961	14.8	1013	16.7	1061	18.6	1108	20.9	1156	23.5	1201	25.8	1246	28.4	1289	31.5	1326	33.7
8001	2800	914	13.5	966	15.4	1018	17.3	1065	19.3	1112	21.5	1158	24.2	1205	26.6	1248	28.9	1289	31.5	1326	33.7
8286	2900	919	14.0	972	15.9	1023	17.9	1069	20.0	1116	22.0	1161	24.2	1205	26.6	1248	28.9	1289	31.5	1326	33.7
8572	3000	925	14.6	977	16.5	1028	18.6	1075	20.7	1121	22.8	1164	24.9	1209	27.3	1252	29.7	1292	32.2	1329	34.2
9144	3200	937	15.8	988	17.8	1038	19.8	1085	22.2	1132	24.2	1172	26.0	1218	28.8	1258	31.1	1298	33.7	1336	35.7
9715	3400	949	17.1	1000	18.9	1048	21.3	1096	23.7	1142	25.8	1181	27.8	1227	30.4	1266	32.8	1305	35.3	1343	37.7
10287	3600	964	18.4	1012	20.4	1060	22.8	1108	25.1	1152	27.5	1191	29.7	1236	32.0	1274	34.6	1312	37.1	1351	39.7
10858	3800	978	19.8	1025	22.0	1073	24.4	1120	26.8	1163	29.1	1201	31.5	1246	33.9	1283	36.6	1321	39.1	1360	41.7
11430	4000	993	21.3	1040	23.5	1087	26.0	1132	28.4	1175	30.9	1213	33.3	1256	35.9	1292	38.6	1332	41.3	1369	43.9
12001	4200	1008	22.9	1055	25.3	1102	27.8	1144	30.2	1186	32.9	1225	35.1	1267	38.0	1303	40.8	1343	43.5	1379	46.0
12573	4400	1023	24.6	1069	27.1	1117	29.8	1158	32.2	1200	35.1	1238	37.1	1279	40.4	1315	43.1	1355	45.9	1389	48.2
13144	4600	1038	26.4	1084	29.1	1132	31.9	1172	34.4	1214	37.3	1252	39.5	1292	42.8	1327	45.5	1368	48.4	1400	51.0
13716	4800	1055	28.2	1101	30.9	1146	33.9	1186	36.4	1229	39.5	1265	42.2	1305	45.3	1340	48.2	1380	51.1	1412	53.7
14287	5000	1073	30.2	1117	32.9	1162	36.0	1201	38.6	1243	41.9	1280	44.8	1319	48.0	1355	51.0	1393	54.1	1423	56.6
14858	5200	1091	32.4	1133	35.1	1178	38.2	1216	41.0	1259	44.4	1295	47.3	1333	51.0	1369	53.7	1406	57.0	1437	59.7
15430	5400	1109	34.6	1149	37.3	1195	40.6	1232	43.5	1275	47.0	1310	50.1	1348	53.9	1384	56.6	1420	59.9	1451	62.8
16001	5600	1128	36.8	1167	39.7	1211	43.1	1250	46.2	1290	49.7	1326	52.8	1363	57.0	1399	59.7	1434	63.0	1466	65.9
16573	5800	1146	39.1	1186	42.0	1229	45.9	1268	49.5	1306	52.6	1342	55.7	1378	60.1	1415	62.8	1449	66.2	1480	69.3
17144	6000	1166	41.7	1207	44.8	1247	48.8	1283	52.8	1323	55.5	1360	58.8	1394	63.2	1430	65.9	1464	69.7	1495	73.0
17716	6200	1185	44.4	1226	47.3	1266	51.7	1301	55.3	1340	58.6	1377	61.9	1410	66.4	1446	69.2	1480	73.2	1511	76.6
18287	6400	1204	47.1	1244	50.1	1284	54.6	1320	57.9	1357	61.9	1394	65.0	1427	69.7	1462	72.4	1495	76.6	1526	80.4
18859	6600	1223	49.9	1263	52.8	1303	57.7	1338	60.8	1375	65.2	1411	68.4	1444	73.0	1478	76.1	1511	80.1	1540	83.9
19430	6800	1243	52.8	1281	55.7	1321	60.8	1357	64.1	1392	68.6	1428	71.9	1461	76.4	1495	79.9	1526	83.7	1556	87.4
20002	7000	1264	55.7	1300	58.8	1340	64.2	1375	67.3	1411	72.1	1445	74.6	1479	79.9	1512	83.7	1543	87.5	1572	91.4



INDUSTRIAL FAN

WHEEL DIA. 45 1/8"
OUTLET AREA 3.64 SQ FT
INLET DIA. 26"
INLET AREA 3.61 SQ FT

CONE WHEEL
TYPE XC



SIZE 26

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5823	1600	338	1.60	391	2.20	440	2.83	483	3.48	520	4.15	556	4.91	594	5.70	627	6.63	658	7.49	717	9.32
6187	1700	350	1.74	397	2.39	443	3.04	485	3.73	524	4.43	560	5.19	596	6.00	630	6.88	660	7.79	718	9.67
6551	1800	352	1.90	403	2.60	449	3.25	489	3.99	528	4.73	564	5.49	599	6.30	633	7.19	664	8.11	719	10.0
6915	1900	360	2.09	411	2.80	455	3.50	495	4.24	533	5.03	569	5.82	603	6.65	637	7.51	667	8.44	721	10.4
7279	2000	368	2.29	418	3.01	461	3.76	500	4.52	538	5.31	574	6.14	607	7.00	641	7.86	670	8.79	725	10.8
7642	2100	376	2.50	425	3.24	468	4.03	506	4.82	543	5.61	578	6.49	612	7.32	645	8.25	673	9.16	728	11.3
8003	2200	385	2.71	433	3.50	474	4.33	512	5.15	549	5.93	583	6.85	616	7.70	649	8.67	677	9.60	731	11.8
8370	2300	394	2.94	441	3.76	481	4.64	519	5.47	555	6.30	588	7.26	621	8.11	654	9.11	681	10.0	735	12.2
8734	2400	402	3.18	449	4.03	488	4.94	526	5.80	561	6.72	594	7.65	626	8.55	658	9.57	685	10.5	739	12.7
9098	2500	411	3.43	457	4.33	495	5.26	533	6.17	568	7.14	600	8.07	631	9.02	663	10.1	691	11.0	743	13.3
9462	2600	419	3.71	464	4.64	502	5.59	539	6.54	574	7.56	607	8.51	637	9.50	668	10.5	696	11.5	748	13.8
9826	2700	428	3.99	472	4.96	510	5.93	547	6.93	581	7.97	614	8.97	644	9.99	673	11.1	702	12.1	753	14.4
10190	2800	437	4.31	480	5.31	518	6.30	555	7.37	588	8.41	620	9.48	650	10.5	679	11.6	709	12.7	758	15.0
10554	2900	446	4.66	489	5.66	526	6.70	562	7.88	595	8.88	627	10.0	657	11.0	685	12.2	715	13.3	763	15.6
10918	3000	456	5.03	499	6.05	535	7.14	570	8.41	603	9.36	633	10.5	664	11.6	692	12.8	723	14.0	769	16.3
11646	3200	474	5.70	516	6.86	552	7.97	585	9.23	618	10.4	647	11.6	677	12.8	705	14.0	736	15.3	782	17.6
12373	3400	494	6.44	533	7.78	568	8.85	602	10.2	633	11.5	662	12.7	690	13.9	718	15.3	750	16.6	794	19.1
13101	3600	514	7.28	552	8.76	585	9.85	619	11.4	648	12.6	678	13.9	704	15.2	732	16.7	764	18.1	807	20.8
13829	3800	535	8.21	571	9.78	603	11.1	637	12.6	665	13.9	694	15.2	720	16.7	746	18.2	778	19.6	821	22.4
14557	4000	555	9.23	591	10.9	621	12.4	655	13.9	681	15.3	710	16.7	736	18.4	761	19.8	792	21.3	836	24.1
15285	4200	576	10.4	610	12.1	639	13.7	673	15.3	698	16.9	727	18.3	753	20.0	777	21.6	805	23.1	850	26.0
16013	4400	596	11.8	630	13.5	659	15.2	691	16.8	716	18.6	744	19.9	770	21.7	794	23.4	819	25.0	866	28.0
16741	4600	617	13.4	650	15.2	679	16.7	708	18.3	735	20.2	761	21.7	787	23.4	811	25.3	834	27.1	882	29.9
17468	4800	638	14.9	669	16.9	698	18.3	726	20.1	753	22.0	779	23.6	804	25.3	828	27.4	849	29.2	897	32.2
18196	5000	658	16.6	689	18.6	717	20.2	744	22.0	771	23.6	800	25.7	821	27.4	845	29.4	865	31.3	913	34.8
18924	5200	679	18.3	710	20.3	739	22.1	762	24.1	790	25.7	817	27.8	838	29.7	863	31.5	881	33.6	929	37.1
19652	5400	699	20.6	730	22.0	757	24.1	781	26.7	808	28.0	835	29.9	855	32.2	880	33.8	898	36.2	945	39.6
20380	5600	720	22.9	750	23.9	777	26.4	800	29.0	827	30.4	853	32.5	874	34.5	898	36.4	916	38.7	961	42.4
21108	5800	742	25.5	771	26.0	798	28.7	820	31.3	847	32.9	871	35.0	892	37.3	916	39.4	934	41.5	978	45.2
21836	6000	763	28.0	794	28.3	819	31.3	840	33.4	867	35.5	889	37.6	912	40.1	934	42.4	953	44.7	997	48.2

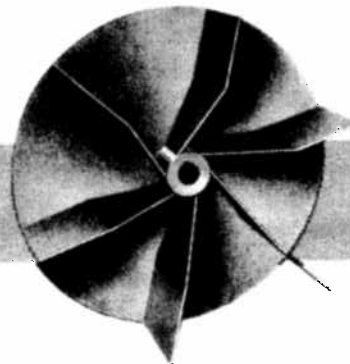
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9462	2600	802	15.9	849	18.2	895	20.6	939	22.9	981	26.0	1026	29.2	1062	32.2	1105	36.2	1143	40.1	1176	42.9
9826	2700	806	16.5	853	18.9	899	21.3	941	23.6	983	26.7	1026	29.2	1062	32.2	1105	36.2	1143	40.1	1176	42.9
10190	2800	811	17.2	857	19.6	903	22.0	945	24.6	986	27.4	1027	29.9	1065	32.9	1107	36.9	1143	40.1	1176	42.9
10554	2900	815	17.9	862	20.3	907	22.8	949	25.5	990	28.0	1030	30.8	1069	33.8	1107	36.9	1143	40.1	1176	42.9
10918	3000	821	18.6	867	21.1	912	23.6	953	26.4	995	29.0	1033	31.8	1073	34.8	1110	37.8	1146	41.0	1179	43.6
11646	3200	831	20.1	876	22.6	920	25.3	963	28.3	1004	30.8	1039	33.1	1081	36.6	1116	39.6	1152	42.9	1185	45.4
12373	3400	842	21.8	887	24.1	930	27.1	972	30.1	1013	32.9	1047	35.5	1089	38.7	1123	41.7	1158	45.0	1192	48.0
13101	3600	855	23.4	897	26.0	940	29.0	983	32.0	1022	35.0	1056	37.8	1097	40.8	1130	44.0	1164	47.3	1198	50.5
13829	3800	868	25.3	909	28.0	952	31.1	993	34.1	1032	37.1	1066	40.1	1105	43.1	1138	46.6	1172	49.8	1206	53.1
14557	4000	881	27.1	922	29.9	964	33.1	1004	36.2	1042	39.4	1076	42.4	1114	45.7	1146	49.1	1181	52.6	1214	55.9
15285	4200	894	29.2	936	32.2	978	35.6	1015	38.5	1053	42.0	1087	44.7	1124	48.4	1156	51.9	1191	55.4	1223	58.6
16013	4400	907	31.3	949	34.5	991	38.0	1027	41.0	1064	44.7	1099	47.3	1135	51.5	1166	54.9	1202	58.4	1233	61.4
16741	4600	921	33.6	962	37.1	1004	40.6	1039	43.8	1077	47.5	1110	50.3	1146	54.5	1177	58.0	1213	61.7	1242	64.9
17468	4800	936	35.9	976	39.4	1017	43.1	1053	46.4	1090	50.3	1122	53.8	1158	57.7	1189	61.4	1225	65.1	1252	68.4
18196	5000	952	38.5	991	42.0	1031	45.9	1066	49.1	1103	53.3	1135	57.0	1170	61.2	1202	64.9	1236	68.8	1263	72.1
18924	5200	968	41.3	1005	44.7	1045	48.7	1079	52.2	1117	56.6	1148	60.3	1183	64.9	1215	68.4	1247	72.6	1275	76.0
19652	5400	984	44.0	1020	47.5	1060	51.7	1093	55.4	1131	59.8	1162	63.7	1196	68.6	1228	72.1	1259	76.3	1287	80.0
20380	5600	1001	46.8	1035	50.5	1074	54.9	1109	58.9	1144	63.3	1176	67.2	1209	72.6	1241	76.0	1272	80.2	1300	83.9
21108	5800	1017	49.8	1053	53.5	1090	58.4	1125	63.0	1159	67.0	1190	70.9	1223	76.5	1255	80.0	1285	84.4	1313	88.3
21836	6000	1034	53.1	1071	57.0	1106	62.1	1138	67.2	1173	70.7	1206	74.9	1236	80.4	1269	83.9	1299	88.8	1326	93.0
22563	6200	1051	56.6	1087	60.3	1123	65.8	1154	70.5	1189	74.6	1221	78.8	1251	84.6	1282	88.1	1313	93.2	1340	97.6
23291	6400	1068	60.0	1104	63.7	1139	69.5	1171	73.7	1204	78.8	1236	82.8	1266	88.8	1297	92.3	1326	97.6	1353	102
24019	6600	1085	63.5	1120	67.2	1156	73.5	1187	77.4	1219	83.0	1252	87.2	1281	93.0	1311	96.9	1340	102	1367	106
24747	6800	1103	67.2	1137	70.9	1172	77.4	1204	81.6	1235	87.4	1267	91.6	1296	97.4	1326	101	1354	106	1380	111
25475	7000	1121	70.9	1154	74.9	1189	81.8	1220	85.8	1252	91.8	1282	95.0	1312	101	1342	106	1369	111	1394	116



INDUSTRIAL FAN

WHEEL DIA. 50 1/2"
OUTLET AREA 4.56 SQ FT
INLET DIA. 29"
INLET AREA 4.43 SQ FT

CONE WHEEL
TYPE XC



SIZE 29

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7292	1600	303	2.00	350	2.76	393	3.54	432	4.35	465	5.20	497	6.15	532	7.14	561	8.30	589	9.38	642	11.7
7748	1700	309	2.18	355	2.99	397	3.80	434	4.67	469	5.54	501	6.50	533	7.52	564	8.62	591	9.75	643	12.1
8204	1800	315	2.38	361	3.25	402	4.06	438	4.99	473	5.92	505	6.88	536	7.90	567	9.00	594	10.2	643	12.6
8660	1900	322	2.61	368	3.51	407	4.38	443	5.31	477	6.30	509	7.29	540	8.33	570	9.41	597	10.6	646	13.1
9115	2000	329	2.87	374	3.77	413	4.70	447	5.66	482	6.65	513	7.69	543	8.77	573	9.84	600	11.0	649	13.6
9571	2100	337	3.14	380	4.06	419	5.05	453	6.04	486	7.03	517	8.13	547	9.17	577	10.3	603	11.5	652	14.1
10027	2200	345	3.40	387	4.38	425	5.43	459	6.44	492	7.43	522	8.59	552	9.64	581	10.9	606	12.0	654	14.7
10483	2300	352	3.69	395	4.70	430	5.81	465	6.85	497	7.90	526	9.09	556	10.2	585	11.4	609	12.6	658	15.3
10939	2400	360	3.98	402	5.05	437	6.18	471	7.26	502	8.42	532	9.58	560	10.7	589	12.0	613	13.2	662	16.0
11394	2500	368	4.30	409	5.43	443	6.59	477	7.72	508	8.94	537	10.1	565	11.3	593	12.6	618	13.8	665	16.6
11850	2600	375	4.64	416	5.81	450	7.00	483	8.19	514	9.46	543	10.7	570	11.9	598	13.2	623	14.4	669	17.3
12306	2700	383	4.99	423	6.21	456	7.43	489	8.68	520	9.99	549	11.2	576	12.5	603	13.9	629	15.1	674	18.1
12762	2800	391	5.40	430	6.65	463	7.90	496	9.23	526	10.5	555	11.9	582	13.2	608	14.6	634	15.9	679	18.8
13217	2900	399	5.84	437	7.08	471	8.39	503	9.87	533	11.1	561	12.5	588	13.8	613	15.3	640	16.7	683	19.6
13673	3000	408	6.30	446	7.58	479	8.94	510	10.5	540	11.7	567	13.2	594	14.5	619	16.0	647	17.5	689	20.4
14585	3200	425	7.14	462	8.59	494	9.99	524	11.6	553	13.0	579	14.5	606	16.0	631	17.6	659	19.1	700	22.1
15496	3400	442	8.07	477	9.75	509	11.1	539	12.8	567	14.3	593	15.9	617	17.4	643	19.2	671	20.8	710	23.9
16408	3600	460	9.12	494	11.0	524	12.3	554	14.2	580	15.8	607	17.4	630	19.0	655	20.9	684	22.6	722	26.0
17319	3800	479	10.3	511	12.3	540	13.9	570	15.7	595	17.4	621	19.0	644	20.9	668	22.8	696	24.6	735	28.1
18231	4000	497	11.6	529	13.6	556	15.5	586	17.4	610	19.1	636	20.9	659	23.0	681	24.8	709	26.6	748	30.2
19142	4200	515	13.1	546	15.2	572	17.2	602	19.2	625	21.2	650	22.9	674	25.1	696	27.0	721	28.9	761	32.5
20054	4400	533	14.8	564	16.9	590	19.0	618	21.0	641	23.3	666	24.9	689	27.2	710	29.3	733	31.4	775	35.1
20965	4600	552	16.7	582	19.1	607	20.9	634	23.0	657	25.3	681	27.1	704	29.3	726	31.6	746	34.0	789	37.4
21877	4800	571	18.7	599	21.2	624	22.9	650	25.1	674	27.5	697	29.6	720	31.6	741	34.3	760	36.6	803	40.4
22789	5000	589	20.8	617	23.3	642	25.3	666	27.6	690	29.6	716	32.2	735	34.3	756	36.9	774	39.2	817	43.5
23700	5200	607	23.0	635	25.4	660	27.7	682	30.2	707	32.2	731	34.8	750	37.2	772	39.5	789	42.1	831	46.4
24612	5400	626	25.8	653	27.6	677	30.2	699	33.4	723	35.1	747	37.4	766	40.4	788	42.4	804	45.3	846	49.6
25523	5600	644	28.7	671	29.9	695	33.1	716	36.3	740	38.0	763	40.6	782	43.3	804	45.6	820	48.5	860	53.1
26435	5800	664	31.9	690	32.5	714	36.0	734	39.2	760	41.2	779	43.8	799	46.7	820	49.4	836	52.0	875	56.6
27346	6000	683	35.1	711	35.4	733	39.2	751	41.8	776	44.4	796	47.0	816	50.2	836	53.1	853	56.0	893	60.4

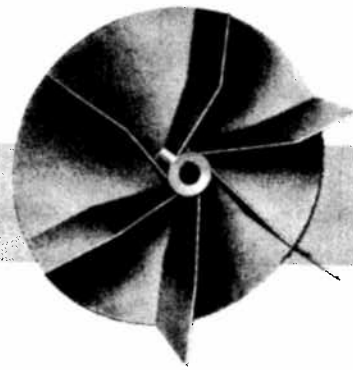
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11850	2600	718	19.9	760	22.8	801	25.8	840	28.7	878	32.5	918	36.6	950	40.4	989	45.3	1023	50.2	1053	53.7
12306	2700	721	20.6	763	23.6	804	26.7	843	29.6	880	33.4	919	37.4	953	41.2	989	45.3	1023	50.2	1053	53.7
12762	2800	726	21.5	767	24.5	808	27.6	846	30.8	883	34.3	921	38.6	957	42.4	991	46.2	1025	51.4	1055	54.6
13217	2900	730	22.4	771	25.4	812	28.6	849	31.9	886	35.1	921	38.6	957	42.4	991	46.2	1025	51.4	1055	54.6
13673	3000	734	23.3	776	26.4	816	29.6	853	33.1	890	36.3	924	39.8	960	43.5	994	47.3	1025	51.4	1055	54.6
14585	3200	744	25.2	784	28.3	824	31.6	861	35.4	898	38.6	930	41.5	967	45.9	999	49.6	1031	53.7	1061	56.9
15496	3400	754	27.3	794	30.2	832	34.0	870	37.7	907	41.2	937	44.4	974	48.5	1005	52.3	1036	56.3	1067	60.1
16408	3600	765	29.3	803	32.5	841	36.3	880	40.1	915	43.8	946	47.3	981	51.1	1011	55.2	1042	59.2	1073	63.3
17319	3800	777	31.6	814	35.1	852	38.9	889	42.7	924	46.4	954	50.2	989	54.0	1018	58.4	1049	62.4	1080	66.5
18231	4000	789	34.0	826	37.4	863	41.5	898	45.3	933	49.4	963	53.1	997	57.2	1026	61.5	1057	65.9	1087	70.0
19142	4200	800	36.6	837	40.4	875	44.4	908	48.2	942	52.5	973	56.0	1006	60.7	1034	65.0	1066	69.4	1095	73.4
20054	4400	812	39.2	849	43.3	887	47.6	919	51.4	953	56.0	983	59.2	1015	64.4	1044	68.8	1076	73.2	1103	76.9
20965	4600	824	42.1	861	46.4	898	50.8	930	54.9	964	59.5	994	63.0	1025	68.2	1054	72.6	1086	77.2	1111	81.3
21877	4800	838	45.0	874	49.4	910	54.0	942	58.1	975	63.0	1004	67.3	1036	72.3	1064	76.9	1096	81.6	1121	85.6
22789	5000	852	48.2	887	52.5	923	57.5	954	61.5	987	66.8	1016	71.4	1047	76.6	1075	81.3	1106	86.2	1130	90.3
23700	5200	866	51.7	900	56.0	936	61.0	965	65.3	1000	70.8	1028	75.5	1058	81.3	1087	85.6	1116	90.9	1141	95.2
24612	5400	881	55.2	913	59.5	948	64.7	978	69.4	1012	74.9	1040	79.8	1070	85.9	1099	90.3	1127	95.5	1152	100
25523	5600	896	58.6	927	63.3	961	68.8	993	73.7	1024	79.3	1053	84.2	1082	90.9	1111	95.2	1138	100	1164	105
26435	5800	910	62.4	942	67.1	975	73.2	1007	79.0	1037	83.9	1065	88.8	1094	95.8	1123	100	1150	105	1175	110
27346	6000	926	66.5	958	71.4	990	77.8	1018	84.2	1050	88.5	1080	93.8	1107	100	1135	105	1162	111	1187	116
28258	6200	941	70.8	973	75.5	1005	82.4	1033	88.3	1064	93.5	1093	98.7	1120	106	1148	110	1175	116	1200	122
29169	6400	956	75.2	988	79.8	1020	87.1	1048	92.3	1077	98.7	1107	103	1133	111	1161	115	1187	122	1211	128
30081	6600	971	79.5	1003	84.2	1034	92.0	1063	97.0	1091	103	1120	109	1147	116	1174	121	1200	127	1223	133
30992	6800	987	84.2	1017	88.8	1049	97.0	1077	102	1105	109	1134	114	1160	121	1187	127	1212	133	1235	139
31904	7000	1004	88.8	1033	93.8	1064	102	1092	107	1120	115	1147	119	1174	127	1201	133	1225	139	1248	145



INDUSTRIAL FAN

WHEEL DIA. 57 1/2"
OUTLET AREA 5.91 SQ FT
INLET DIA. 57 1/2"
INLET AREA 5.79 SQ FT

CONE WHEEL
TYPE XC



SIZE 33

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9420	1600	266	2.59	307	3.56	345	4.58	379	5.63	408	6.71	437	7.95	466	9.23	492	10.7	517	12.1	563	15.1
10009	1700	271	2.81	312	3.86	348	4.91	381	6.04	411	7.16	440	8.40	468	9.71	495	11.1	519	12.6	564	15.6
10598	1800	277	3.08	317	4.20	352	5.25	384	6.45	415	7.65	443	8.89	471	10.2	497	11.6	521	13.1	565	16.2
11186	1900	283	3.38	323	4.54	357	5.66	389	6.86	418	8.14	447	9.41	474	10.8	500	12.2	524	13.7	567	16.9
11775	2000	289	3.71	328	4.88	362	6.08	393	7.31	423	8.59	450	9.94	477	11.3	503	12.7	526	14.2	569	17.6
12364	2100	296	4.05	334	5.25	367	6.53	397	7.80	427	9.08	454	10.5	480	11.9	506	13.4	529	14.8	572	18.3
12953	2200	302	4.39	340	5.66	373	7.01	402	8.33	431	9.60	458	11.1	484	12.5	510	14.0	531	15.5	574	19.0
13541	2300	309	4.76	346	6.08	378	7.50	408	8.85	436	10.2	462	11.7	488	13.1	513	14.7	535	16.2	577	19.8
14130	2400	316	5.14	352	6.53	383	7.99	413	9.38	441	10.9	466	12.4	492	13.8	517	15.5	538	17.0	581	20.6
14719	2500	323	5.55	359	7.01	389	8.51	418	9.98	446	11.6	472	13.1	496	14.6	521	16.3	542	17.8	584	21.5
15308	2600	329	6.00	365	7.50	395	9.04	424	10.6	451	12.2	477	13.8	501	15.4	525	17.1	547	18.6	587	22.4
15896	2700	336	6.45	371	8.03	400	9.60	429	11.2	456	12.9	482	14.5	506	16.2	529	17.9	552	19.5	591	23.3
16485	2800	343	6.98	377	8.59	407	10.2	436	11.9	462	13.6	487	15.3	511	17.0	534	18.8	557	20.5	595	24.3
17074	2900	350	7.54	384	9.15	413	10.8	442	12.8	467	14.4	492	16.2	516	17.9	538	19.7	562	21.5	600	25.3
17663	3000	358	8.14	392	9.79	421	11.6	448	13.6	474	15.2	497	17.1	521	18.8	543	20.7	568	22.6	604	26.4
18840	3200	373	9.23	405	11.1	433	12.9	460	14.9	486	16.8	508	18.8	531	20.7	554	22.7	578	24.7	614	28.5
20018	3400	388	10.4	419	12.6	446	14.3	473	16.5	497	18.5	520	20.5	542	22.5	564	24.8	589	26.9	623	30.9
21195	3600	404	11.8	433	14.2	460	15.9	486	18.4	509	20.4	533	22.4	553	24.6	575	27.0	600	29.3	634	33.6
22373	3800	420	13.3	448	15.8	474	17.9	500	20.3	522	22.5	545	24.6	566	27.0	586	29.4	611	31.7	645	36.3
23550	4000	436	14.9	464	17.6	488	20.1	514	22.5	535	24.7	558	27.0	578	29.7	598	32.1	622	34.4	656	39.0
24728	4200	452	16.9	479	19.6	502	22.2	528	24.8	549	27.4	571	29.6	591	32.4	610	34.9	633	37.4	668	42.0
25905	4400	468	19.2	495	21.8	518	24.6	542	27.2	562	30.0	584	32.2	605	35.1	623	37.9	643	40.5	680	45.4
27083	4600	485	21.6	510	24.6	533	27.0	556	29.7	577	32.7	598	35.1	618	37.9	637	40.9	655	43.9	692	48.4
28260	4800	501	24.1	526	27.4	548	29.6	570	32.5	591	35.5	611	38.3	632	40.9	650	44.3	667	47.3	705	52.1
29438	5000	517	26.9	541	30.1	563	32.6	584	35.6	606	38.3	628	41.6	645	44.3	664	47.6	679	50.6	717	56.3
30615	5200	533	29.7	557	32.9	579	35.8	599	39.0	620	41.6	642	45.0	658	48.0	678	51.0	692	54.4	730	60.0
31793	5400	549	33.3	573	35.6	594	39.0	613	43.1	635	45.4	656	48.4	672	52.1	691	54.8	705	58.5	742	64.1
32970	5600	566	37.1	589	38.6	610	42.8	628	46.9	650	49.1	670	52.5	686	55.9	705	58.9	719	62.6	754	68.6
34148	5800	583	41.3	606	42.0	626	46.5	644	50.6	665	53.3	684	56.6	701	60.4	719	63.8	734	67.1	768	73.1
35325	6000	600	45.4	624	45.8	643	50.6	659	54.0	681	57.4	698	60.8	716	64.9	734	68.6	749	72.4	783	78.0

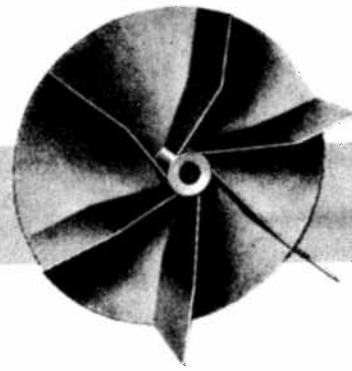
CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
15308	2600	630	25.7	667	29.4	703	33.3	737	37.1	770	42.0	805	47.3	834	52.1	868	58.5	898	64.9	924	69.4
15896	2700	633	26.7	670	30.5	706	34.5	739	38.3	772	43.1	807	48.4	836	53.3	869	59.6	898	66.4	926	70.5
16485	2800	637	27.8	673	31.7	709	35.7	742	39.8	775	44.3	809	49.9	840	54.8	869	61.1	898	67.5	924	71.6
17074	2900	640	28.9	677	32.9	713	36.9	745	41.3	778	45.4	809	50.9	840	55.8	869	62.2	898	68.6	924	72.7
17663	3000	644	30.1	681	34.1	716	38.3	749	42.8	781	46.9	811	51.4	843	56.3	872	63.3	900	69.7	926	73.7
18840	3200	653	32.6	688	36.6	723	40.9	756	45.8	788	49.9	816	53.6	849	59.3	877	64.1	905	70.5	931	75.5
20018	3400	662	35.2	697	39.0	730	43.9	764	48.8	796	53.3	823	57.4	855	62.6	882	67.5	909	72.8	936	77.6
21195	3600	671	37.9	705	42.0	738	46.9	772	51.8	803	56.6	830	61.1	861	66.0	888	71.3	914	76.5	941	81.8
22373	3800	682	40.9	714	45.4	748	50.3	780	55.1	811	60.0	837	64.9	868	69.8	894	75.4	921	80.6	947	85.9
23550	4000	692	43.9	724	48.4	757	53.6	788	58.5	818	63.8	845	68.6	875	73.9	900	79.5	928	85.1	954	90.4
24728	4200	702	47.3	735	52.1	768	57.4	797	62.3	827	67.9	853	72.4	883	78.4	908	84.0	936	89.6	961	94.9
25905	4400	713	50.6	745	55.9	778	61.5	807	66.4	836	72.4	863	76.5	891	83.3	916	88.9	944	94.5	968	99.4
27083	4600	723	54.4	755	60.0	788	65.6	816	70.9	846	76.9	872	81.4	900	88.1	925	93.8	953	99.8	975	105
28260	4800	735	58.1	767	63.8	799	69.8	827	75.0	856	81.4	881	87.0	909	93.4	934	99.4	962	105	983	110
29438	5000	748	62.3	778	67.9	810	74.3	837	79.5	866	86.3	892	92.3	919	99.0	944	105	971	111	992	116
30615	5200	760	66.8	789	72.4	821	78.8	847	84.4	877	91.5	902	97.5	929	105	954	110	979	117	1001	123
31793	5400	773	71.3	801	76.9	832	83.6	859	89.6	888	96.8	913	103	939	111	964	116	989	123	1011	129
32970	5600	786	75.8	813	81.8	844	88.9	871	95.3	899	102	924	108	949	117	975	123	999	129	1021	135
34148	5800	799	80.6	827	86.6	856	94.5	883	102	910	108	935	114	960	123	986	129	1009	136	1031	142
35325	6000	812	85.9	841	92.3	869	100	894	108	922	114	947	121	971	130	996	135	1020	143	1042	150
36503	6200	826	91.5	854	97.5	882	106	907	114	933	120	959	127	982	136	1007	142	1031	150	1053	157
37680	6400	839	97.1	867	103	895	112	920	119	945	127	971	133	994	143	1019	149	1042	157	1063	165
38858	6600	852	102	880	108	908	118	932	125	958	134	983	141	1006	150	1030	156	1053	165	1073	172
40035	6800	866	108	893	114	921	125	945	132	970	141	995	148	1018	157	1042	164	1063	172	1084	180
41213	7000	881	114	906	121	934	132	958	138	983	148	1007	153	1030	164	1054	172	1075	180	1095	188



INDUSTRIAL FAN

WHEEL DIA. 64 3/8"
OUTLET AREA 7.41 SQ FT
INLET DIA. 37"
INLET AREA 7.21 SQ FT

CONE WHEEL
TYPE XC



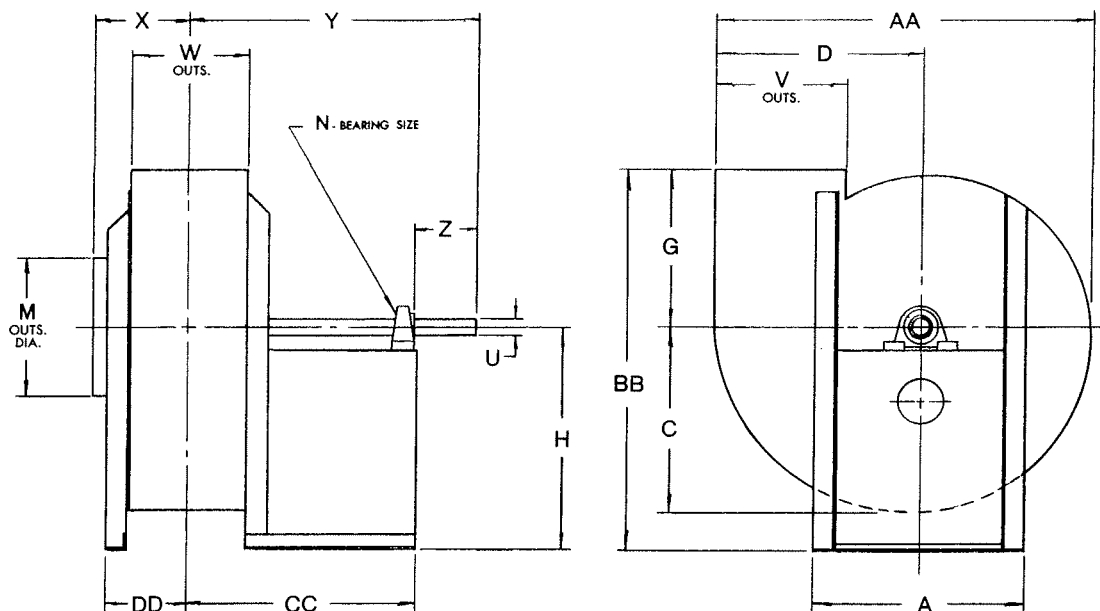
SIZE 37

CFM	Outlet Velocity	1" SP		1 1/2" SP		2" SP		2 1/2" SP		3" SP		3 1/2" SP		4" SP		4 1/2" SP		5" SP		6" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11832	1600	237	3.25	274	4.47	308	5.75	339	7.07	365	8.43	390	9.99	417	11.6	440	13.5	461	15.2	503	18.9
12571	1700	242	3.53	278	4.85	311	6.17	340	7.58	367	9.00	393	10.6	418	12.2	442	14.0	463	15.8	504	19.6
13310	1800	247	3.86	283	5.28	315	6.59	343	8.10	371	9.61	396	11.2	420	12.8	444	14.6	466	16.5	504	20.4
14050	1900	253	4.24	288	5.70	319	7.11	347	8.62	374	10.2	399	11.8	423	13.5	447	15.3	468	17.1	506	21.2
14789	2000	258	4.66	293	6.12	324	7.63	351	9.18	378	10.8	402	12.5	426	14.2	449	16.0	470	17.9	508	22.0
15529	2100	264	5.09	298	6.59	328	8.20	355	9.80	381	11.4	406	13.2	429	14.9	452	16.8	473	18.6	511	22.9
16268	2200	270	5.51	304	7.11	333	8.81	360	10.5	385	12.1	409	13.9	432	15.6	455	17.6	475	19.5	513	23.9
17008	2300	276	5.98	309	7.63	337	9.42	364	11.1	390	12.8	413	14.7	436	16.5	459	18.5	478	20.4	516	24.9
17747	2400	282	6.45	315	8.20	343	10.0	369	11.8	394	13.7	417	15.5	439	17.4	462	19.5	481	21.3	519	25.9
18487	2500	288	6.97	320	8.81	348	10.7	374	12.5	398	14.5	421	16.4	443	18.3	465	20.4	485	22.4	521	27.0
19226	2600	294	7.54	326	9.42	353	11.4	378	13.3	403	15.4	426	17.3	447	19.3	469	21.4	489	23.4	525	28.1
19966	2700	300	8.10	331	10.1	358	12.1	384	14.1	408	16.2	431	18.2	452	20.3	473	22.5	493	24.5	528	29.3
20705	2800	307	8.76	337	10.8	363	12.8	389	15.0	413	17.1	435	19.3	456	21.3	477	23.6	497	25.7	532	30.5
21445	2900	313	9.47	343	11.5	369	13.6	395	16.0	418	18.0	440	20.3	461	22.4	481	24.8	502	27.0	536	31.8
22184	3000	320	10.2	350	12.3	376	14.5	400	17.1	423	19.0	444	21.4	466	23.6	485	26.0	507	28.4	540	33.1
23663	3200	333	11.6	362	13.9	387	16.2	411	18.7	434	21.1	454	23.6	475	26.0	495	28.5	517	31.0	549	35.8
25142	3400	347	13.1	374	15.8	399	18.0	422	20.7	444	23.3	465	25.8	484	28.3	504	31.2	526	33.8	557	38.8
26621	3600	361	14.8	387	17.8	411	20.0	434	23.1	455	25.7	476	28.2	494	30.9	514	34.0	536	36.7	566	42.2
28100	3800	375	16.7	401	19.9	423	22.5	447	25.5	467	28.2	487	30.9	505	33.9	523	36.9	546	39.8	576	45.6
29579	4000	390	18.7	414	22.1	436	25.2	460	28.3	478	31.0	498	33.9	516	37.3	534	40.3	556	43.2	586	49.0
31058	4200	404	21.2	428	24.6	449	27.9	472	31.1	490	34.4	510	37.1	528	40.7	545	43.9	565	46.9	597	52.8
32537	4400	418	24.1	442	27.4	462	30.9	485	34.1	502	37.7	522	40.4	540	44.1	557	47.6	575	50.9	608	57.0
34016	4600	433	27.1	456	30.9	476	34.0	497	37.3	515	41.1	534	44.0	552	47.6	569	51.3	585	55.1	619	60.8
35495	4800	448	30.3	470	34.4	490	37.2	509	40.8	528	44.6	546	48.0	564	51.3	581	55.6	596	59.3	630	65.5
36974	5000	462	33.7	484	37.8	503	41.0	522	44.7	541	48.0	561	52.3	576	55.6	593	59.8	607	63.6	641	70.7
38452	5200	476	37.3	498	41.3	517	45.0	535	49.0	554	52.3	573	56.5	588	60.3	605	64.1	618	68.3	652	75.4
39931	5400	491	41.8	512	44.7	531	49.0	548	54.2	567	57.0	586	60.8	600	65.5	618	68.8	630	73.5	663	80.5
41410	5600	505	46.5	526	48.5	545	53.7	561	58.9	580	61.7	598	65.9	613	70.2	630	73.9	643	78.7	674	86.2
42889	5800	520	51.8	541	52.8	560	58.4	575	63.6	594	66.9	611	71.1	626	75.8	643	80.1	656	84.3	686	91.8
44368	6000	535	57.0	557	57.5	575	63.6	589	67.8	608	72.1	624	76.3	640	81.5	656	86.2	669	90.9	700	98.0

CFM	Outlet Velocity	7" SP		8" SP		9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
19226	2600	563	32.2	596	37.0	628	41.9	659	46.6	688	52.8										
19966	2700	566	33.5	598	38.3	631	43.3	661	48.0	690	54.2	720	59.3	745	65.5						
20705	2800	569	34.9	602	39.8	633	44.8	663	49.9	692	55.6	721	60.8	747	66.9	775	73.5				
21445	2900	572	36.3	605	41.3	637	46.4	666	51.8	695	57.0	722	62.6	750	68.8	777	74.9	802	81.5	825	87.1
22184	3000	576	37.8	608	42.8	640	48.0	669	53.7	698	58.9	725	64.5	753	70.7	779	76.8	804	83.4	827	88.5
23663	3200	583	40.9	615	46.0	646	51.3	675	57.5	704	62.6	729	67.4	758	74.4	783	80.5	808	87.1	832	92.3
25142	3400	591	44.2	622	49.0	652	55.1	682	61.2	711	66.9	735	72.1	764	78.7	788	84.8	812	91.4	836	97.5
26621	3600	600	47.6	630	52.8	660	58.9	690	65.0	717	71.1	741	76.8	769	82.9	793	89.5	817	96.1	841	102
28100	3800	609	51.3	638	57.0	668	63.1	697	69.2	724	75.4	748	81.5	775	87.6	798	94.7	822	101	846	107
29579	4000	618	55.1	647	60.8	677	67.4	704	73.5	731	80.1	755	86.2	782	92.8	804	99.5	829	106	852	113
31058	4200	627	59.3	656	65.5	686	72.1	712	78.2	739	85.3	762	90.9	789	98.4	811	105	836	112	858	119
32537	4400	637	63.6	666	70.2	695	77.2	721	83.4	747	90.9	771	96.1	796	104	818	111	844	118	865	124
34016	4600	646	68.3	675	75.4	704	82.4	729	89.0	756	96.6	779	102	804	110	826	117	851	125	871	131
35495	4800	657	73.0	685	80.1	714	87.6	739	94.2	765	102	787	109	812	117	834	124	859	132	879	138
36974	5000	668	78.2	695	85.3	723	93.3	748	99.9	774	108	797	115	821	124	843	131	867	139	886	146
38452	5200	679	83.8	705	90.9	733	98.9	757	106	784	114	806	122	830	131	852	138	875	147	894	154
39931	5400	691	89.5	715	96.6	744	105	767	112	793	121	816	129	839	139	862	146	884	155	903	162
41410	5600	702	95.1	727	102	754	111	778	119	803	128	825	136	848	147	871	154	892	163	912	170
42889	5800	714	101	739	108	765	118	789	128	813	136	835	144	858	155	881	162	902	171	922	179
44368	6000	726	107	751	115	776	126	798	136	823	143	846	152	868	163	890	170	911	180	931	188
45847	6200	738	114	763	122	788	133	810	143	834	151	857	160	878	171	900	179	921	189	940	198
47326	6400	750	122	774	129	799	141	822	149	845	160	868	168	888	180	910	187	931	198	950	208
48805	6600	762	129	786	136	811	149	833	157	856	168	878	177	899	188	920	196	940	207	959	217
50284	6800	774	136	798	144	822	157	845	165	867	177	889	186	910	197	931	206	950	216	969	226
51763	7000	787	144	810	152	834	166	856	174	878	186	899	193	921	206	941	216	960	226	978	236



ARRANGEMENT 1A

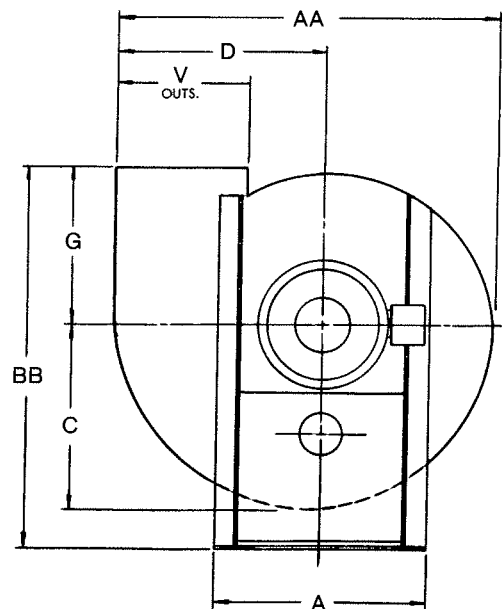
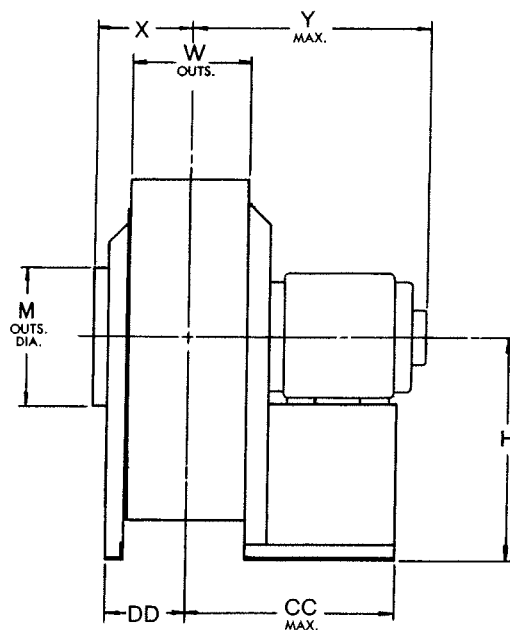


FLANGED CONNECTIONS
OPTIONAL EXTRA

Fan Size	AA	BB	CC	DD	A	C	D	G	H	M	N		U		V	W	X	Y	Z	
											Std. Duty	Heavy Duty	Std. Duty	Heavy Duty					Std. Duty	Heavy Duty
11	29 $\frac{3}{4}$	31 $\frac{1}{2}$	19 $\frac{3}{8}$	6 $\frac{7}{8}$	15 $\frac{1}{2}$	14 $\frac{5}{8}$	16 $\frac{3}{8}$	13	18 $\frac{1}{2}$	11	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{8}$	1 $\frac{1}{4}$	10 $\frac{5}{8}$	9 $\frac{3}{8}$	8 $\frac{1}{2}$	24 $\frac{3}{8}$	5 $\frac{3}{8}$	5 $\frac{3}{4}$
13	35 $\frac{1}{4}$	36 $\frac{1}{2}$	22 $\frac{1}{2}$	8 $\frac{3}{8}$	18 $\frac{1}{2}$	17 $\frac{1}{4}$	19 $\frac{3}{8}$	15	21 $\frac{1}{2}$	13	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{8}$	1 $\frac{1}{4}$	12 $\frac{3}{8}$	11	9 $\frac{3}{4}$	28 $\frac{3}{8}$	6 $\frac{1}{4}$	6 $\frac{3}{8}$
15	40 $\frac{5}{8}$	41 $\frac{3}{4}$	25 $\frac{3}{8}$	8 $\frac{3}{4}$	22	19 $\frac{7}{8}$	22 $\frac{3}{8}$	17 $\frac{1}{4}$	24 $\frac{1}{2}$	15	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{8}$	1 $\frac{1}{4}$	14 $\frac{1}{4}$	12 $\frac{5}{8}$	10 $\frac{1}{2}$	31 $\frac{1}{4}$	6 $\frac{3}{4}$	6 $\frac{1}{2}$
17	46	47	27 $\frac{3}{8}$	10 $\frac{3}{8}$	26 $\frac{1}{2}$	22 $\frac{1}{2}$	25 $\frac{1}{4}$	19 $\frac{1}{2}$	27 $\frac{1}{2}$	17	1 $\frac{1}{8}$	2 $\frac{3}{8}$	1 $\frac{1}{8}$	2 $\frac{3}{8}$	16 $\frac{1}{8}$	14 $\frac{3}{8}$	12	35 $\frac{3}{8}$	7 $\frac{1}{8}$	7 $\frac{1}{4}$
19	51 $\frac{1}{4}$	52	31	11 $\frac{1}{8}$	28 $\frac{1}{2}$	25	28 $\frac{1}{4}$	21 $\frac{1}{2}$	30 $\frac{1}{2}$	19	2 $\frac{3}{8}$	2 $\frac{3}{8}$	2 $\frac{3}{8}$	2 $\frac{3}{8}$	17 $\frac{7}{8}$	16	12 $\frac{3}{4}$	39 $\frac{1}{4}$	8 $\frac{1}{8}$	8 $\frac{1}{2}$
21	56 $\frac{5}{8}$	57 $\frac{1}{2}$	32 $\frac{3}{4}$	12	31	27 $\frac{5}{8}$	31 $\frac{1}{8}$	24	33 $\frac{1}{2}$	21	2 $\frac{3}{8}$	2 $\frac{1}{4}$	2 $\frac{3}{8}$	2 $\frac{1}{4}$	19 $\frac{3}{4}$	17 $\frac{5}{8}$	14 $\frac{1}{4}$	41 $\frac{7}{8}$	9 $\frac{3}{8}$	9 $\frac{3}{8}$
23	62 $\frac{1}{8}$	62 $\frac{1}{2}$	35 $\frac{1}{8}$	13 $\frac{3}{8}$	33 $\frac{1}{2}$	30 $\frac{3}{8}$	34 $\frac{1}{8}$	26	36 $\frac{1}{2}$	23	2 $\frac{1}{4}$	2 $\frac{1}{4}$	2 $\frac{3}{8}$	2 $\frac{1}{4}$	21 $\frac{5}{8}$	19 $\frac{1}{4}$	15 $\frac{1}{2}$	44 $\frac{3}{8}$	9 $\frac{1}{8}$	9 $\frac{3}{4}$
26	70	70	39 $\frac{7}{8}$	14 $\frac{3}{8}$	33 $\frac{1}{2}$	34 $\frac{1}{4}$	38 $\frac{1}{2}$	29	41	26	2 $\frac{1}{4}$	3 $\frac{3}{8}$	2 $\frac{3}{8}$	3 $\frac{3}{8}$	24 $\frac{3}{8}$	21 $\frac{3}{4}$	16 $\frac{3}{4}$	49 $\frac{1}{4}$	10 $\frac{3}{8}$	10 $\frac{3}{8}$
29	78 $\frac{1}{4}$	78 $\frac{1}{2}$	42 $\frac{5}{8}$	16 $\frac{3}{8}$	37 $\frac{1}{2}$	38 $\frac{1}{4}$	43	32 $\frac{1}{2}$	46	29	3 $\frac{3}{8}$	3 $\frac{3}{8}$	2 $\frac{3}{8}$	3 $\frac{3}{8}$	27 $\frac{1}{4}$	24 $\frac{1}{4}$	18 $\frac{1}{2}$	53 $\frac{3}{8}$	11 $\frac{3}{8}$	10 $\frac{3}{4}$
33	89 $\frac{1}{8}$	89	46 $\frac{7}{8}$	18 $\frac{1}{8}$	14 $\frac{1}{2}$	43 $\frac{5}{8}$	49	37	52	33	3 $\frac{3}{8}$	3 $\frac{1}{4}$	2 $\frac{3}{8}$	3 $\frac{1}{4}$	31 $\frac{1}{8}$	27 $\frac{3}{8}$	20 $\frac{1}{4}$	59 $\frac{1}{8}$	12 $\frac{3}{8}$	11 $\frac{3}{8}$
37	100	99 $\frac{1}{2}$	50 $\frac{1}{2}$	20 $\frac{3}{4}$	47 $\frac{1}{2}$	48 $\frac{7}{8}$	55	41 $\frac{1}{2}$	58	37	3 $\frac{1}{4}$	3 $\frac{1}{4}$	3 $\frac{3}{8}$	3 $\frac{1}{4}$	34 $\frac{7}{8}$	31	23	63 $\frac{1}{2}$	13 $\frac{3}{8}$	12 $\frac{3}{4}$



ARRANGEMENT 4

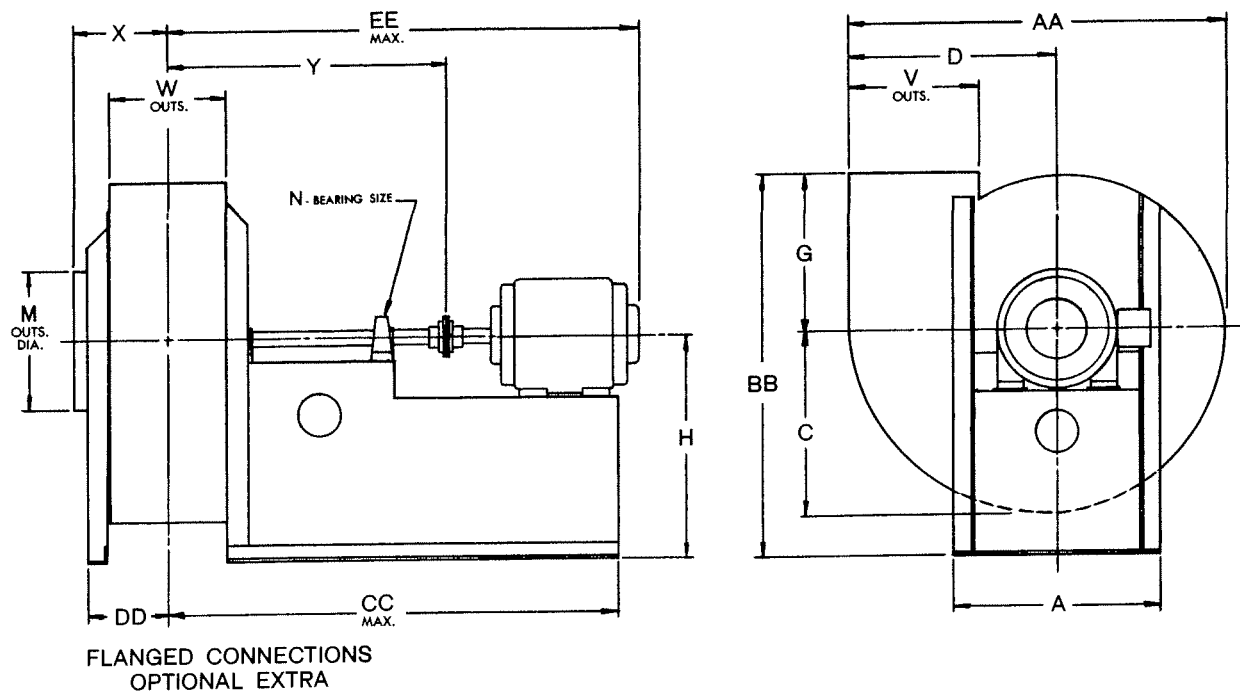


FLANGED CONNECTIONS
OPTIONAL EXTRA

Fan Size	Motor* Frame	AA	BB	CC	DD	A	C	D	G	H	M	V	W	X	Y
	Maximum														
11	184T	29¾	31½	16	6⅞	15½	14⅝	16⅜	13	18½	11	10⅝	9⅜	8½	17¾
13	215T	35¼	36½	18¾	8⅞	18½	17¼	19⅜	15	21½	13	12⅜	11	9¾	21
15	256T	40⅝	41¾	24¼	8⅞	22	19⅞	22⅜	17¼	24½	15	14¼	12⅝	10½	27¾
17	286T	46	47	26	10⅞	26½	22½	25¼	19½	27½	17	16⅞	14⅜	12	31
19	326T	51¼	52	28¾	11⅞	28½	25	28¼	21½	30½	19	17⅞	16	12¾	34
21	326T	56⅝	57½	29⅜	12	31	27⅝	31⅞	24	33½	21	19¾	17⅝	14¼	34¾
23	365T	62⅞	62½	32½	13⅞	33½	30⅜	34⅞	26	36½	23	21⅝	19¼	15½	36¼
26	405T	70	70	35	14⅞	33½	34¼	38½	29	41	26	24⅜	21¾	16¾	39¼

* Based on CEMA Drip-Proof Motors.

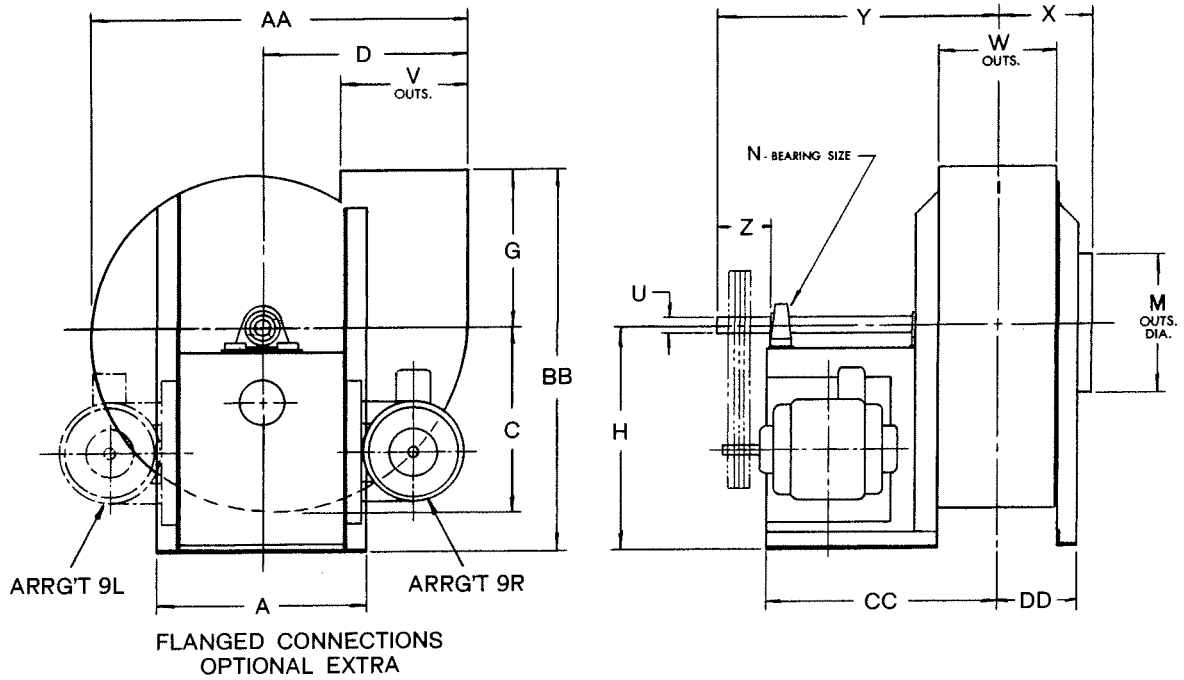
ARRANGEMENT 8



Fan Size	Motor* Frame	AA	BB	CC	DD	EE	A	C	D	G	H	M	N		V	W	X	Y
	Maximum												Std. Duty	Heavy Duty				
11	184T	29¾	31½	36¾	6⅞	38½	15½	14⅝	16⅜	13	18½	11	1⅞	1⅞	10⅝	9⅜	8½	24⅝
13	215T	35¼	36½	43½	8⅝	45¾	18½	17¼	19⅜	15	21½	13	1⅞	1⅞	12⅜	11	9¾	28⅜
15	256T	40⅝	41¾	51½	8⅞	54¼	22	19⅞	22⅜	17¼	24½	15	1⅞	1⅞	14¼	12⅝	10½	31⅞
17	286T	46	47	57¼	10⅝	62¼	26½	22½	25¼	19½	27½	17	1⅞	2⅜	16⅞	14⅜	12	35⅝
19	326T	51¼	52	64	11⅞	69¼	28½	25	28¼	21½	30½	19	2⅜	2⅜	17⅞	16	12¾	39¼
21	326T	56⅝	57½	66¾	12	72	31	27⅝	31⅞	24	33½	21	2⅜	2⅞	19¾	17⅝	14¼	41⅞
23	365T	62⅞	62½	70¾	13⅝	74½	33½	30⅞	34⅞	26	36½	23	2⅞	2⅞	21⅝	19¼	15½	44⅝
26	405T	70	70	80¼	14⅝	84¼	33½	34¼	38½	29	41	26	2⅞	3⅜	24⅜	21¾	16¾	49⅞

* Based on CEMA Drip-Proof Motors.

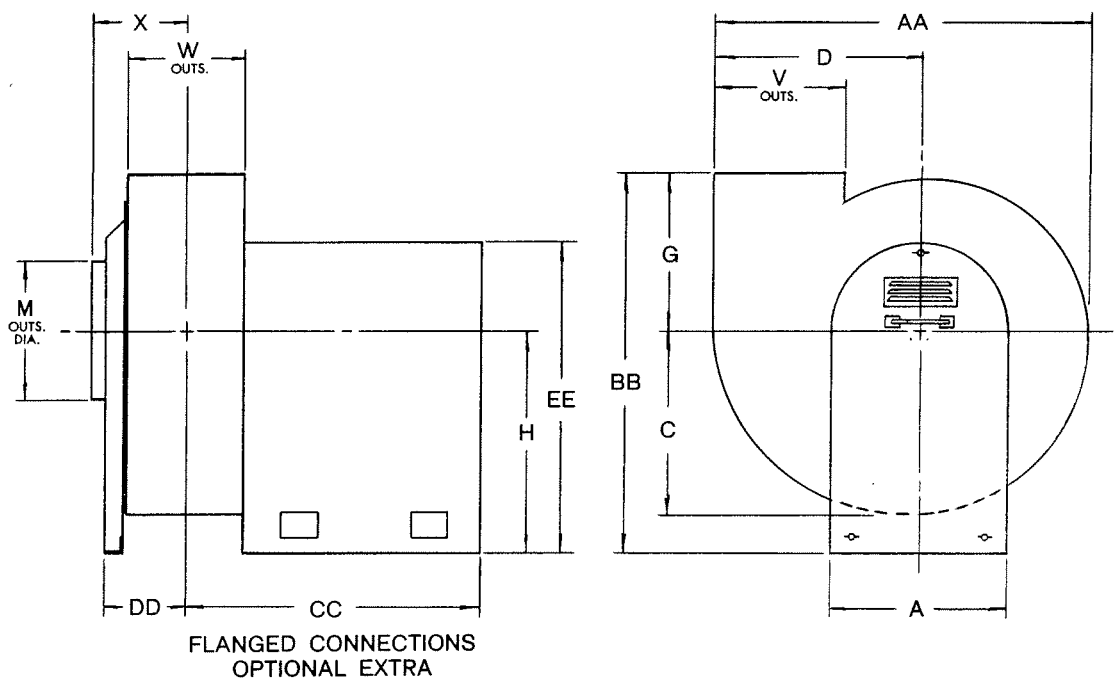
ARRANGEMENT 9



Fan Size	Motor* Frame	AA	BB	CC	DD	A	C	D	G	H	M	N		U		V	W	X	Y	Z	
	Maximum											Std. Duty	Heavy Duty	Std. Duty	Heavy Duty					Std. Duty	Heavy Duty
11	215T	29 ³ / ₄	31 ¹ / ₂	19 ³ / ₈	6 ⁷ / ₈	15 ¹ / ₂	14 ⁵ / ₈	16 ³ / ₈	13	18 ¹ / ₂	11	1 ¹ / ₈	1 ¹ / ₈	1 ¹ / ₈	1 ¹ / ₈	10 ⁵ / ₈	9 ³ / ₈	8 ¹ / ₂	24 ³ / ₈	5 ³ / ₈	5 ³ / ₈
13	254T	35 ¹ / ₄	36 ¹ / ₂	22 ¹ / ₂	8 ³ / ₈	18 ¹ / ₂	17 ¹ / ₄	19 ³ / ₈	15	21 ¹ / ₂	13	1 ¹ / ₈	1 ¹ / ₈	1 ¹ / ₈	1 ¹ / ₈	12 ³ / ₈	11	9 ³ / ₄	28 ³ / ₈	6 ¹ / ₄	6 ³ / ₈
15	284T	40 ⁵ / ₈	41 ³ / ₄	25 ⁵ / ₈	8 ³ / ₈	22	19 ⁷ / ₈	22 ³ / ₈	17 ¹ / ₄	24 ¹ / ₂	15	1 ¹ / ₈	1 ¹ / ₈	1 ¹ / ₈	1 ¹ / ₈	14 ¹ / ₄	12 ⁵ / ₈	10 ¹ / ₂	31 ¹ / ₈	6 ³ / ₄	6 ¹ / ₈
17	286T	46	47	27 ¹ / ₈	10 ³ / ₈	26 ¹ / ₂	22 ¹ / ₂	25 ¹ / ₄	19 ¹ / ₂	27 ¹ / ₂	17	1 ¹ / ₈	2 ³ / ₈	1 ¹ / ₈	2 ³ / ₈	16 ¹ / ₈	14 ³ / ₈	12	35 ⁵ / ₈	7 ¹ / ₈	7 ¹ / ₈
19	326T	51 ¹ / ₄	52	31	11 ¹ / ₈	28 ¹ / ₂	25	28 ¹ / ₄	21 ¹ / ₂	30 ¹ / ₂	19	2 ³ / ₈	2 ³ / ₈	2 ³ / ₈	2 ³ / ₈	17 ⁷ / ₈	16	12 ³ / ₄	39 ¹ / ₄	8 ¹ / ₈	8 ¹ / ₂
21	326T	56 ⁵ / ₈	57 ¹ / ₂	32 ¹ / ₈	12	31	27 ⁵ / ₈	31 ¹ / ₈	24	33 ¹ / ₂	21	2 ³ / ₈	2 ¹ / ₈	2 ³ / ₈	2 ¹ / ₈	19 ³ / ₄	17 ⁵ / ₈	14 ¹ / ₄	41 ⁷ / ₈	9 ³ / ₈	9 ³ / ₈
23	364T	62 ¹ / ₈	62 ¹ / ₂	35 ¹ / ₈	13 ³ / ₈	33 ¹ / ₂	30 ³ / ₈	34 ¹ / ₈	26	36 ¹ / ₂	23	2 ¹ / ₈	2 ¹ / ₈	2 ³ / ₈	2 ¹ / ₈	21 ⁵ / ₈	19 ¹ / ₄	15 ¹ / ₂	44 ³ / ₈	9 ¹ / ₈	9 ³ / ₄
26	404T	70	70	39 ⁷ / ₈	14 ³ / ₈	33 ¹ / ₂	34 ¹ / ₄	38 ¹ / ₂	29	41	26	2 ¹ / ₈	3 ³ / ₈	2 ³ / ₈	3 ³ / ₈	24 ³ / ₈	21 ³ / ₄	16 ³ / ₄	49 ¹ / ₈	10 ³ / ₈	10 ³ / ₈
29	404T	78 ¹ / ₄	78 ¹ / ₂	42 ⁵ / ₈	16 ³ / ₈	37 ¹ / ₂	38 ¹ / ₄	43	32 ¹ / ₂	46	29	3 ³ / ₈	3 ³ / ₈	2 ³ / ₈	3 ³ / ₈	27 ¹ / ₄	24 ¹ / ₄	18 ¹ / ₂	53 ³ / ₈	11 ³ / ₈	10 ¹ / ₈
33	404T	89 ¹ / ₈	89	46 ⁷ / ₈	18 ¹ / ₈	41 ¹ / ₂	43 ⁵ / ₈	49	37	52	33	3 ³ / ₈	3 ³ / ₈	2 ³ / ₈	3 ¹ / ₈	31 ¹ / ₈	27 ³ / ₄	20 ¹ / ₄	59 ¹ / ₈	12 ¹ / ₈	11 ³ / ₈
37	404T	100	99 ¹ / ₂	50 ¹ / ₂	20 ³ / ₄	47 ¹ / ₂	48 ⁷ / ₈	55	41 ¹ / ₂	58	37	3 ¹ / ₈	3 ¹ / ₈	3 ³ / ₈	3 ¹ / ₈	34 ⁷ / ₈	31	23	63 ¹ / ₂	13 ³ / ₈	12 ³ / ₈

* Based on CEMA Drip-Proof Motors.

PACKAGE UNIT

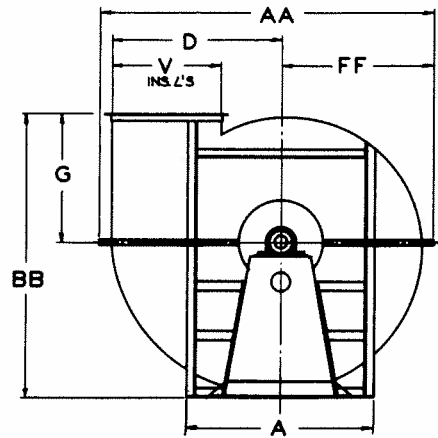
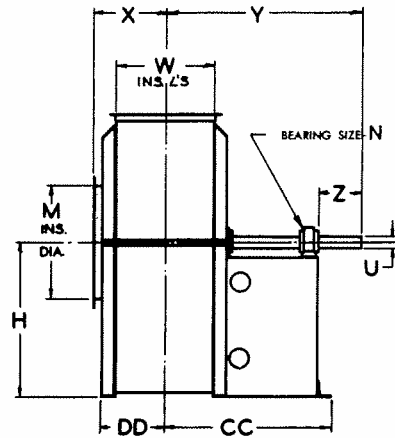


Fan Size	Motor* Frame	AA	BB	CC	DD	EE	A	C	D	G	H	M	V	W	X
	Maximum														
11	213T	29 ³ / ₄	31 ¹ / ₂	26 ³ / ₄	6 ⁷ / ₈	27 ¹ / ₂	18	14 ⁵ / ₈	16 ³ / ₈	13	18 ¹ / ₂	11	10 ⁵ / ₈	9 ³ / ₈	8 ¹ / ₂
13	215T	35 ¹ / ₄	36 ¹ / ₂	30 ¹ / ₄	8 ³ / ₈	31 ³ / ₄	20 ¹ / ₂	17 ¹ / ₄	19 ³ / ₈	15	21 ¹ / ₂	13	12 ³ / ₈	11	9 ³ / ₄
15	254T	40 ⁵ / ₈	41 ³ / ₄	33 ³ / ₄	8 ¹ / ₈	36 ¹ / ₄	23 ¹ / ₂	19 ⁷ / ₈	22 ³ / ₈	17 ¹ / ₄	24 ¹ / ₂	15	14 ¹ / ₄	12 ⁵ / ₈	10 ¹ / ₂
17	284T	46	47	37 ³ / ₄	10 ³ / ₈	40 ³ / ₄	26 ¹ / ₂	22 ¹ / ₂	25 ¹ / ₄	19 ¹ / ₂	27 ¹ / ₂	17	16 ¹ / ₈	14 ³ / ₄	12
19	286T	51 ¹ / ₄	52	41 ¹ / ₄	11 ¹ / ₈	42 ³ / ₄	24 ¹ / ₂	25	28 ¹ / ₄	21 ¹ / ₂	30 ¹ / ₂	19	17 ⁷ / ₈	16	12 ³ / ₄
21	326T	56 ⁵ / ₈	57 ¹ / ₂	44 ¹ / ₈	12	46 ¹ / ₂	26	27 ⁵ / ₈	31 ¹ / ₈	24	33 ¹ / ₂	21	19 ³ / ₄	17 ⁵ / ₈	14 ¹ / ₄
23	326T	62 ¹ / ₈	62 ¹ / ₂	47 ¹ / ₈	13 ³ / ₈	50 ¹ / ₂	28	30 ³ / ₈	34 ¹ / ₈	26	36 ¹ / ₂	23	21 ⁵ / ₈	19 ¹ / ₄	15 ¹ / ₂
26	405T	70	70	52 ³ / ₈	14 ³ / ₈	57	32	34 ¹ / ₄	38 ¹ / ₂	29	41	26	24 ³ / ₈	21 ³ / ₄	16 ³ / ₄

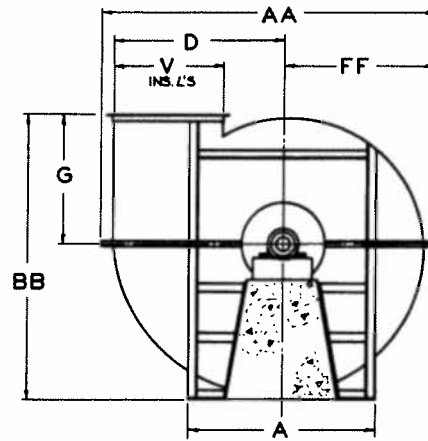
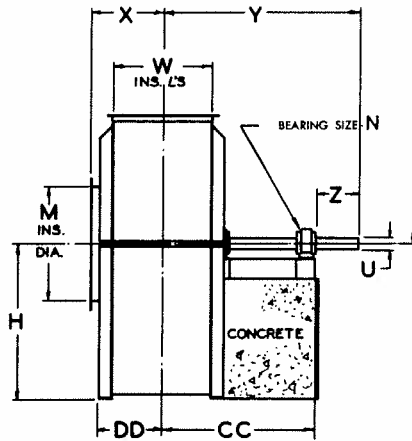
* Based on CEMA Drip-Proof Motors.



LARGE SIZES



CW-UBD

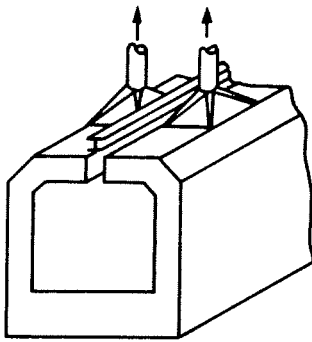


CW-UBD

FLOOR PEDESTAL AND BEDPLATE PEDESTAL FANS																		
Fan Size	UBD				THD				DBD				BHD				All Discharges	
	AA	BB	FF	H	AA	BB	FF	H	AA	BB	FF	H	AA	BB	FF	H	A	G
41	120½	101	54¾	55½	114¾	130¾	62¾	53½	120½	105	54¾	51	104½	115¾	59	66	65	45½
45	131¾	111	59¾	61	124¾	143	68	58½	131¾	115¼	59¾	56	114¼	126¾	64¼	72	73	50
49	144¼	121	65½	66½	137¼	156¾	74½	64	144¼	125¾	65½	61	125½	138½	70¾	79	80	54½
54	157½	133	71½	73	149¾	171¾	81½	70	157½	138½	71½	67½	137	151½	77	86	86	60
60	173½	147½	78¾	81	165	190½	89¾	77½	173½	153½	78¾	74½	151½	167¾	85	95	94	66½

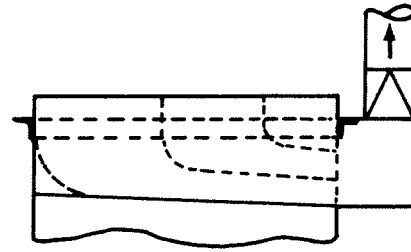
Fan Size	CC	DD	D	M	N	U	V	W	X	Y	Z
					Roller Bearings						
41	58½	22¾	60¾	40½	4¾	3½	38¾	34¾	25½	71½	16
45	64¾	23¾	66¾	44½	4¾	3½	42¼	37¾	27	79½	17¾
49	68¾	26¾	72¾	48¾	4¾	3½	46¼	41¼	30	83¾	18¾
54	74¾	28¾	80	53¾	5¾	4¾	50¾	45¼	32	90½	18¾
60	81¼	31¼	88¾	59¾	5¾	4¾	56½	50½	35	97¾	19¾

HOOD DATA



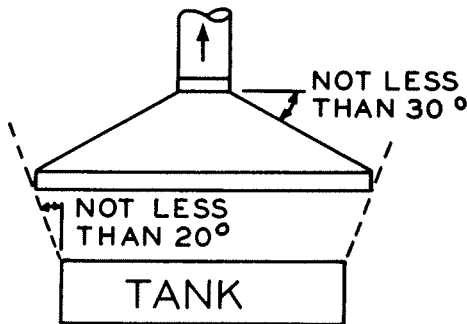
ENCLOSING HOOD

VENTILATION RATE = FACE AREA $\times$ 50 TO 100
DUCT VELOCITY 1500 - 2500 fpm



LATERAL HOOD

VENTILATION RATE = AREA OF TANK $\times$
50 — DEGREASING 100 — PLATING TANKS
(NOT RECOMMENDED FOR HOT TANKS)
SLOT VELOCITY 1000-2000 fpm PIPE VELOCITY 1500-2500 fpm

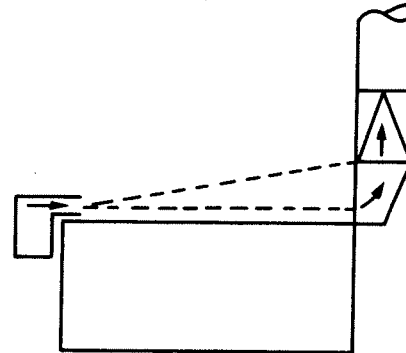


CANOPY HOOD

AIR REQUIRED

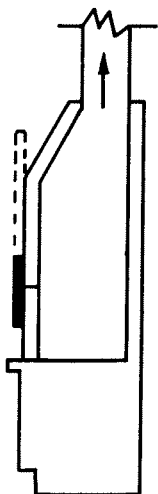
SLIGHT CROSS DRAFT: 75fpm MODERATE CROSS DRAFT: 100fpm

ABOVE FACE VELOCITIES FOR HOT TANKS
FOR WARM TANKS ADD 25 fpm
FOR COLD TANKS ADD 50 fpm
DUCT VELOCITY: 1500 - 2500 fpm



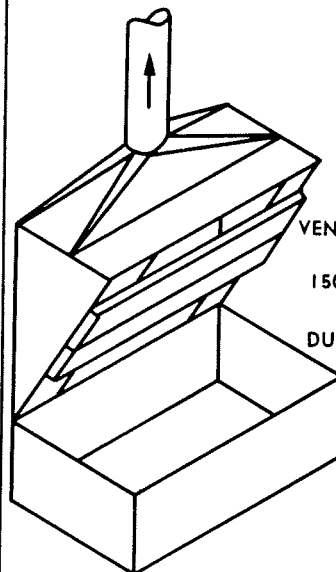
PUSH - PULL HOOD

EXHAUST AIR $Q_2 = 150$ cfm PER SQ FT OF TANK AREA
SUPPLY AIR $Q_1 = \frac{Q_2}{LE}$ L = LENGTH OF TANK, FEET
E = 2.0 UP TO 8' LENGTH
1.4 8-16' LENGTH
1.0 16-24' LENGTH
SLOT VELOCITY = 1000 - 2000 fpm AT INLET



LABORATORY HOOD

VENTILATION RATE = FA $\times$
75 — ENCLOSED HOODS
100 — OPEN HOOD
PIPE VELOCITY 1500 - 2500 fpm



SLANT HOOD

VENTILATION RATE = TANK AREA $\times$
100 — COLD PROCESS
150 — MIST PRODUCING PROCESS
200 — HOT PROCESS
DUCT VELOCITY = 1500 - 2500 fpm

EXHAUST PIPE SIZES

The following tables are recommended for average application.

PLANERS AND MATCHERS OR SIZERS

4000' Duct Velocity

	TOP	BOT	RSH	LSH	TP	BP
Light Service	8	7	6	7	7	6
Standard Service...	9	8	7	8	9	8
Heavy Service	12	9	8	9	9	8

MOULDERS (Stickers)

	TOP	BOT	LSH	RSH	5th HEAD
Up to 8"	6"	5"	5"	5"	5
9" to 12"	7"	6"	6"	5"	6
13" to 18"	9"	8"	8"	7"	8
19" to 26"	10"	9"	9"	8"	9

DOUBLE SURFACERS (2-side Planers)

	STAN- DARD TOP	DUTY BOT.	HEAVY TOP	DUTY BOT.
Up to 20"	6"	5"	9"	8"
21" to 26"	7"	6"	10"	8"
27" to 36"	9"	7"	12"	8"
Over 36"	10"	8"	12"	10"

SINGLE SURFACERS (Pony Planers) or HAND FED JOINTERS (Buzz Planers)

Up to 6" wide	4" pipe
6" to 12" wide	6" pipe
13" to 20" wide	7" pipe
21" to 26" wide	8" pipe
27" to 36" wide	9" pipe
Over 36" wide	10" pipe

TENONERS

Top Heads	6" pipe
Bottom Heads (Copies)	5" pipe
Saws	5" pipe

TURNING LATHES

Up to 12" heads	6" pipe
13" to 24" heads	8" pipe
25" to 36" heads	9" pipe
37" to 48" heads	10" pipe
Light Duty Forming Lathe, Single Cutter	5" pipe
Heavy Duty Forming Lathe	6" pipe

CIRCULAR SAWS

Up to 16" Diam.	5" pipe
17" to 24" Diam.	6" pipe
25" to 60" Diam.	8" pipe
Variety Saws with Dado Heads	7" pipe

BAND RIP, RESAWS or BAND SAWS (Scroll)

	TOP	BOTTOM
Small Band Saws	4"	4"
Band Resaw— 2" to 3" blade	5"	4"
Band Resaw—3½" to 4" blade	6"	5"
Band Resaw—4½" to 6" blade	7"	6"
Band Resaw—6½" to 8" blade	8"	6"

DISC & ARM SANDERS

Arm Sanders	4" pipe
Up to 12" Disc Sander	4" pipe
13" to 26" Disc Sander	6" pipe
27" to 48" Disc Sander	6" pipe

SINGLE DRUM SANDERS

Up to 200" Sq. in Face Surface	4" pipe
200 to 400" Sq. in Face Surface	5" pipe
400 to 700" Sq. in Face Surface	6" pipe
700 to 1400" Sq. in Face Surface	7" pipe
1400 to 2400" Sq. in Face Surface	8" pipe

On long drum sanders use 2 pipes of area equal to the single pipe given above.

THREE DRUM SANDERS — one hood per drum

Up to 30" length Drum	5" pipe
31" to 49" length Drum	6" pipe
49" to 67" length Drum	7" pipe
Over 67" length Drum	8" pipe

BELT SANDERS using bottom run

	HEAD END	BOTTOM END
Less than 6" width	5"	4"
6" to 9" width	5"	4"
10" to 14" width	6"	5"
Over 14" width	7"	5"

FLOOR SWEEPS

Areas of floor sweeps are not added to the load on the exhauster as these sweep-ups are in operation only a few minutes at a time.

BUFFING & POLISHING—Direct Velocity 4000'

Up to 9"—not over 2" width	4" pipe
9" to 19"—not over 4" width	5" pipe
20" to 24"—not over 5" width	6" pipe
24" and up—not over 6" width	7" pipe

GRINDING WHEELS—Direct Velocity 4500'

Up to 9"—not over 1½" width	3" pipe
10" to 16"—not over 2" width	4" pipe
17" to 24"—not over 4" width	5" pipe
25" to 30"—not over 5" width	6" pipe
31" to 36"—not over 6" width	7" pipe

WEIGHTS OF INDUSTRIAL EXHAUSTERS*

SIZE	ARR 1	ARR 4	ARR 8	ARR 9
11	260	200	330	275
13	340	270	380	365
15	450	370	520	470
17	600	500	690	630
19	900	710	990	930
21	1180	940	1250	1240
22	1420	1220	1820	1500
26	1750	1450	2200	1850
23	2900		3300	3000
33	3750		4200	3850
37	4500		5050	4600
41	5800			
45	7400			
49	9200			
54	11500			
60	14800			

*—May be used to compute floor loads and vibration isolators. Does not include motor and drive. Some variation from these figures may be expected because of different wheel bearings and optional equipment.

SUGGESTED SUCTION PRESSURES IN STEEL EXHAUST DUCTS

Nominal Gauge	Duct Diameter	Suction Pressure In. WG	Nominal Gauge	Duct Diameter	Suction Pressure In. WG
24	8	12	16	16	23
	10	6		18	16
	12	3.5		20	12
22				22	9
	10	12		24	7
	12	7	14	18	32
	14	4		20	23
	16	3		22	18
20	12	9		24	13
	14	6		26	10
	16	4		28	8
	18	3	12	24	48
18	14	18		30	25
	16	12		36	14
	18	9		42	9
	20	6		48	6
	22	5	10	30	40
				36	23
				42	14
				48	9
				54	7

Duct gauge should be selected for the maximum pressure the fan can develop, not the nominal suction in the duct.

AREA AND CIRCUMFERENCE OF CIRCLES

Diam. in Inches	AREA		CIRCUMFERENCE		Diam. in Inches	AREA		CIRCUMFERENCE	
	Square Inches	Square Feet	Inches	Feet		Square Inches	Square Feet	Inches	Feet
1	.7854	.0054	3.1416	.2618	30	706.8	4.909	94.25	7.854
1 1/2	1.767	.0123	4.712	.3927	31	754.7	5.241	97.39	8.116
2	3.142	.0218	6.283	.5236	32	804.2	5.585	100.5	8.376
2 1/2	4.910	.0341	7.854	.6544	33	855.3	5.940	103.7	8.639
3	7.070	.0491	9.42	.7854	34	907.9	6.305	106.8	8.901
3 1/2	9.620	.0668	11.00	.9164	35	962.1	6.611	109.9	9.163
4	12.57	.0873	12.57	1.047	36	1017.8	7.069	113.1	9.425
4 1/2	15.90	.1105	14.14	1.178	37	1075.2	7.467	116.2	9.686
5	19.63	.1364	15.71	1.309	38	1134.1	7.876	119.4	9.948
5 1/2	23.76	.1650	17.28	1.439	39	1194.5	8.296	122.5	10.21
6	28.27	.1964	18.85	1.571	40	1256.6	8.727	125.7	10.47
6 1/2	33.18	.2305	20.42	1.702	41	1320.2	9.168	128.8	10.73
7	38.48	.2673	21.99	1.833	42	1385.4	9.621	131.9	10.99
7 1/2	44.18	.3068	23.56	1.964	43	1452.2	10.08	135.1	11.26
8	50.27	.3491	25.13	2.094	44	1520.5	10.56	138.2	11.52
8 1/2	56.75	.3940	26.70	2.225	45	1590.4	11.04	141.4	11.78
9	63.62	.4418	28.27	2.356	46	1661.9	11.54	144.5	12.04
9 1/2	70.88	.4923	29.85	2.487	47	1734.9	12.05	147.6	12.30
10	78.54	.5454	31.42	2.618	48	1809.5	12.57	150.8	12.57
11	95.03	.6600	34.56	2.880	49	1885.7	13.10	153.9	12.83
12	113.1	.7854	37.70	3.142	50	1963.5	13.64	157.1	13.09
13	132.7	.9218	40.84	3.403	51	2042	14.19	160.2	13.35
14	153.9	1.069	43.98	3.665	52	2124	14.75	163.4	13.61
15	176.7	1.227	47.12	3.927	53	2206	15.32	166.5	13.88
16	201.0	1.396	50.26	4.189	54	2290	15.90	169.6	14.14
17	226.9	1.576	53.41	4.451	56	2463	17.10	175.9	14.66
18	254.4	1.767	56.55	4.712	58	2642	18.35	182.2	15.18
19	283.5	1.969	59.69	4.974	60	2827	19.63	188.5	15.71
20	314.1	2.182	62.83	5.236	62	3019	20.97	194.8	16.33
21	346.3	2.405	65.97	5.498	64	3217	22.34	201.1	16.76
22	380.1	2.640	69.11	5.760	66	3421	23.76	207.3	17.28
23	415.4	2.885	72.26	6.021	68	3632	25.22	213.6	17.80
24	452.3	3.142	75.40	6.283	70	3848	26.73	219.9	18.33
25	490.8	3.409	78.54	6.545	72	4072	28.27	226.2	18.85
26	530.9	3.687	81.68	6.807	74	4301	29.87	232.5	19.37
27	572.5	3.976	84.82	7.069	76	4536	31.50	238.8	19.90
28	615.7	4.276	87.96	7.330	78	4778	33.18	245.0	20.42
29	660.5	4.587	91.11	7.592	80	5027	34.91	251.3	20.94

AIR VELOCITIES FOR PNEUMATIC CONVEYING

Aluminum Dust	5000
Bakelite Powder	3500
Barley	5800
Cement Dust	7000
Coal (pulverized)	4500
Corn	5500
Cotton	3500
Cotton Seed	5000
Flour	3500
Gases and Fumes	2000
Foundry Dust	4500
Granite Dust	6000
Hog Waste	5500
Knots, bark	5000
Lint (Dry)	2500
Lint (Wet)	3500
Oats	4500
Paper Trim	5000
Pulp Chips	5500
Pulp (Dry)	4500
Rubber Buffings	4500
Rye	6000
Salt	6500
Sand	7000
Sawdust (Dry)	3000
Sawdust (Wet)	4500
Shavings (Dry)	3500
Shavings (Green)	4500
Sugar	6000
Vegetable Pulp (Dry)	4500
Wheat	6000
Wood Blocks	5800
Wood Fibres	5500
Wood Chips	4500
Wood Dust	4000
Wool	5000

CAPTURE VELOCITIES FOR SPECIFIC OPERATIONS

Operation	Capture Velocity	Remarks
Abrasive Blasting	500	Nearly complete enclosure
Bagging (Paper)	100	
(Cloth)	200	Booth or Enclosure
Bins and Hopper	150 - 200	Face of Enclosing Hood
Conveyor Transfer Points	150 - 200	Face of Enclosing Hood
Forge (Hand)	200	Face of Enclosure
Foundry Shakeout	200	Openings in Enclosure
	250	Cold Castings
	600	Hot Castings
Grain Elevators (Boot and Head)	500	Face of Enclosing Hood
Granite Cutting Hand Tool	200	Point of Origin
Surface Machine	1500	Point of Origin
Laboratory Hood	100 - 200	Face of Hood
Packaging Machines	50 - 100	Face of Booth
	75 - 150	Downdraft
Paint Spray	100 - 200	At Face of Booth
Soldering	100	Point of Origin
Steam Kettles	150	Face of Canopy
Tanks		
Degreasing	50	Point of Origin
Pickling	75 - 100	Point of Origin
Plating	50 - 100	Point of Origin
Quench	100	Face of Hood
Steam	75 - 100	Point of Origin
Welding, Arc	100 - 200	Suspended Hood
	100	Face of Booth

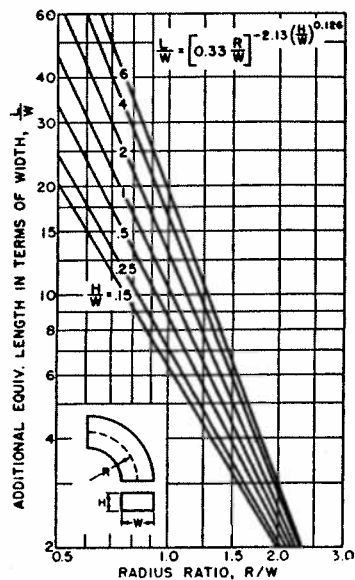
RELATIVE DENSITY OF AIR AT ALTITUDE (Sea level @ 70°F=1.00)

Altitude Feet	Relative Density	Correspond- ing Baro- metric Pressure
Sea level	1.00	29.92
200	0.996	29.70
400	0.985	29.49
600	0.978	29.28
800	0.971	29.06
1000	0.964	28.85
1200	0.957	28.65
1400	0.951	28.44
1600	0.944	28.23
1800	0.937	28.02
2000	0.930	27.82
2500	0.913	27.31
3000	0.896	26.81
3500	0.873	26.32
4000	0.864	25.84
5000	0.832	24.89
6000	0.799	23.98
7000	0.774	23.09
8000	0.739	22.12
9000	0.715	21.38
10000	0.687	20.54

RELATIVE DENSITY OF AIR AT VARIOUS TEMPERATURES (70°F=1.00)

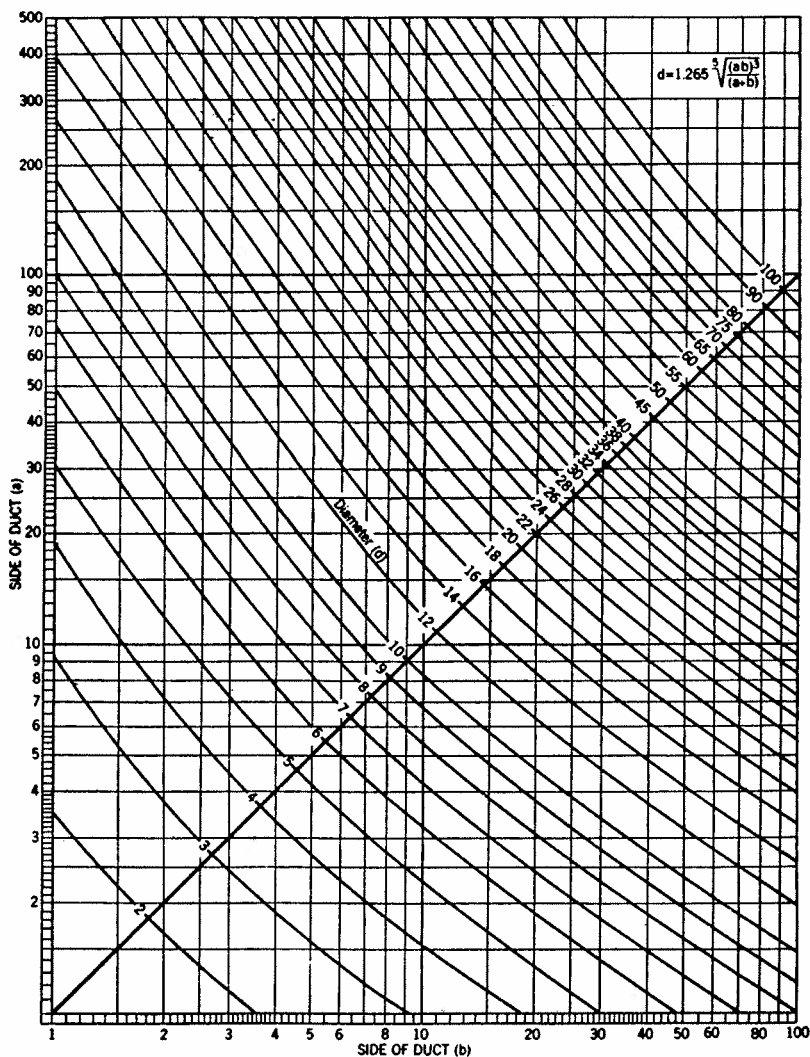
Temp. (F)	Relative Density	Temp. (F)	Relative Density	Temp. (F)	Relative Density	Temp. (F)	Relative Density	Temp. (F)	Relative Density
-40	1.261	110	0.930	260	0.736	410	0.609	560	0.520
-30	1.233	120	0.914	270	0.726	420	0.603	570	0.515
-20	1.205	130	0.898	280	0.716	430	0.596	580	0.510
-10	1.178	140	0.883	290	0.707	440	0.589	590	0.505
0	1.152	150	0.869	300	0.697	450	0.582	600	0.500
10	1.128	160	0.855	310	0.688	460	0.576	650	0.477
20	1.104	170	0.841	320	0.680	470	0.570	700	0.457
30	1.082	180	0.828	330	0.671	480	0.565	750	0.438
40	1.060	190	0.815	340	0.662	490	0.559	800	0.421
50	1.039	200	0.803	350	0.654	500	0.553	850	0.404
60	1.019	210	0.791	360	0.646	510	0.547	900	0.390
70	1.000	220	0.779	370	0.638	520	0.541	950	0.376
80	0.982	230	0.768	380	0.631	530	0.535	1000	0.364
90	0.964	240	0.757	390	0.624	540	0.530	1050	0.352
100	0.946	250	0.747	400	0.616	550	0.525	1100	0.340

PRESSURE LOSS IN DUCT FITTINGS

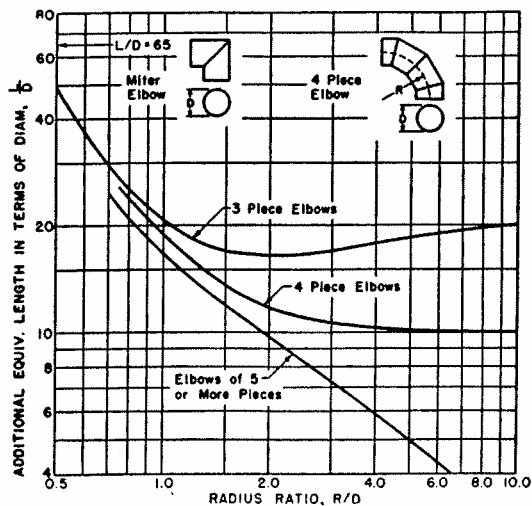


Friction Loss in 90 Deg Elbows of Rectangular Cross Section

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Rectangular Equivalents of Round Ducts for the Same Capacity



Friction Loss in 90 Deg Elbows of Round Cross Section

DUCT LOSS IN SPECIAL FITTINGS

TYPE OF FITTING	Equivalent Diameters of Pipe	Pressure Loss in Velocity Heads
Entry to Pipe from Plenum (abrupt)	43	0.85
Entry to Pipe from Plenum (coned)...	10	0.20
Coned enlargement (transformation piece with 10% max. slope)	13	0.25*
Grille (free area = pipe area)	63	1.25
Intake Louvres (entrance loss)	75	1.50
Tee (sharp 90°)	50	1.00
Tee (rounded)	8	0.15
Abrupt enlargement (area ratio 2:1)	25	0.50*
Abrupt enlargement (area ratio 4:1)	32	0.65*
Take-off (45°)	13	.25

*—Based on the velocity in the smaller of two pipes. For a rectangular pipe use equivalent round pipe delivering the same capacity.

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