

Inlet Size - 19" Dia. Outside
 Outlet Size - 16" x 18 1/2" Outside
 Wheel Diameter - 33"
 Tip Speed = 8.64 x RPM

Inlet Area - 1.97 Sq. Ft. Outside
 Outlet Area - 1.92 Sq. Ft. Inside
 Wheel Circumference - 8.64 Ft.
 Max Safe Fan Speed - 1735 RPM

Inlet Size - 21" Dia. Outside
 Outlet Size - 17 1/2" x 20 1/2" Outside
 Wheel Diameter - 36 1/2"
 Tip Speed = 9.56 x RPM

Inlet Area - 2.40 Sq. Ft. Outside
 Outlet Area - 2.35 Sq. Ft. Inside
 Wheel Circumference - 9.56 Ft.
 Max Safe Fan Speed - 1570 RPM

Power Rating [BHP] does not include transmission losses. Performance Ratings do not include the effects of appurtenances (accessories). All capacities based on standard air (density 0.075 #/cu. ft. 70°F, 29.92" Hg. Bar). Performances shown above colored line are those operating within optimum operation range. Performance certified is for installation type D - ducted inlet, ducted outlet.

Power Rating [BHP] does not include transmission losses. Performance Ratings do not include the effects of appurtenances (accessories). All capacities based on standard air (density 0.075 #/cu. ft. 70°F, 29.92" Hg. Bar). Performances shown above colored line are those operating within optimum operation range. Performance certified is for installation type D - ducted inlet, ducted outlet.

SP*	1	2	3	4	5	6	7	8	9
OV*	CFM*	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1000	1950	427	1.41	584	2.30				
1200	2340	440	1.56	593	2.53	715	3.50	819	4.47
1400	2730	454	1.76	602	2.77	723	3.83	826	4.88
1600	3120	473	1.97	616	3.07	725	4.17	834	5.31
1800	3510	493	2.21	630	3.38	744	4.57	843	5.76
2000	3900	514	2.54	646	3.74	757	4.99	853	6.25
2200	4290	537	2.89	663	4.14	771	5.45	867	6.81
2400	4680	562	3.28	683	4.62	787	5.97	881	7.40
2600	5070	588	3.72	703	5.13	804	6.54	895	8.02
2800	5460	615	4.22	724	5.70	822	7.16	911	8.71
3000	5850	643	4.75	745	6.31	842	7.88	928	9.46
3200	6240	671	5.38	770	7.00	863	8.67	946	10.27
3400	6630	701	6.07	796	7.77	884	9.50	966	11.20
3600	7020	730	6.83	822	8.59	905	10.38	986	12.18
3800	7410	759	7.64	848	9.46	928	11.33	1007	13.24
4000	7800	789	8.54	875	10.43	954	12.40	1028	14.36
4200	8190	819	9.50	903	11.49	979	13.51	1049	15.54
4400	8580	851	10.59	931	12.60	1005	14.72	1074	16.87
4600	8970	883	11.77	960	13.87	1032	16.03	1099	18.24
4800	9360	915	13.03	989	15.29	1058	17.38	1125	19.73
5000	9750	947	14.38	1018	16.66	1085	18.85	1151	21.25
5200	10140	979	15.82	1048	18.14	1114	20.50	1177	22.95
5400	10530	1012	17.41	1078	19.78	1142	22.19	1203	24.68
5600	10920	1044	19.05	1108	21.50	1171	24.03	1229	26.49
5800	11310	1077	20.85	1138	23.33	1200	25.96	1257	28.32
6000	11700	1110	22.76	1168	25.25	1229	27.99	1285	30.24
6200	12090	1143	24.78	1200	27.39	1258	30.13	1314	32.23
6400	12480	1176	26.92	1232	29.64	1288	32.44	1342	34.35
6600	12870	1209	29.19	1263	31.93	1318	34.86	1371	37.77
6800	13260	1243	31.65	1295	34.42	1348	37.40	1400	40.39
7000	13650	1278	34.21	1328	37.00	1380	40.00	1430	43.14

SP*	10	11	12	13	14	15	16	17	18
OV*	CFM*	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2000	3900	1296	14.43	1329	15.83				
2200	4290	1335	16.10	1366	18.91	1422	18.43	1477	19.97
2400	4680	1374	18.05	1407	21.35	1463	21.13	1520	22.16
2600	5070	1413	19.18	1447	23.45	1502	23.25	1562	24.51
2800	5460	1451	20.45	1488	25.92	1542	25.75	1603	27.18
3000	5850	1491	21.85	1531	28.54	1582	28.41	1643	29.99
3200	6240	1532	23.05	1574	31.24	1623	31.24	1683	32.81
3400	6630	1573	24.27	1617	34.02	1664	34.13	1723	35.68
3600	7020	1613	25.73	1661	36.87	1705	37.13	1763	38.61
3800	7410	1653	27.33	1705	39.80	1746	40.24	1803	41.62
4000	7800	1693	29.07	1750	42.81	1787	43.45	1843	44.71
4200	8190	1733	30.96	1795	45.90	1828	46.76	1883	47.89
4400	8580	1773	33.00	1840	49.08	1869	50.17	1923	51.14
4600	8970	1813	35.23	1885	52.35	1910	53.66	1963	54.46
4800	9360	1853	37.60	1930	55.70	1951	57.24	2003	57.84
5000	9750	1893	40.10	1975	59.15	1992	60.90	2043	61.28
5200	10140	1933	42.70	2020	62.60	2033	64.65	2083	64.78
5400	10530	1973	45.40	2065	66.35	2073	68.50	2123	68.34
5600	10920	2013	48.20	2110	70.20	2113	72.45	2163	71.95
5800	11310	2053	51.10	2155	74.15	2153	76.50	2203	75.62
6000	11700	2093	54.10	2200	78.20	2193	80.65	2243	79.34
6200	12090	2133	57.20	2245	82.40	2233	84.90	2283	83.11
6400	12480	2173	60.40	2290	86.70	2273	89.25	2323	86.94
6600	12870	2213	63.70	2335	91.10	2313	93.70	2363	90.82
6800	13260	2253	67.10	2380	95.60	2353	98.20	2403	94.75

*SP - Static Pressure Inches H₂O *OV - Outlet Velocity (Feet Per Minute) *CFM - Cubic Feet Per Minute

SP*	1	2	3	4	5	6	7	8	9
OV*	CFM*	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1000	2380	379	0.64	520	1.30				
1200	2856	392	0.79	526	1.53	636	2.35		
1400	3332	406	0.97	535	1.78	641	2.68	735	3.65
1600	3808	422	1.19	547	2.07	650	3.05	740	4.09
1800	4284	441	1.343	561	2.41	660	3.45	746	4.57
2000	4760	461	1.72	576	2.78	673	3.91	758	5.10
2200	5236	482	2.06	593	3.21	687	4.42	770	5.69
2400	5712	505	2.45	610	3.68	702	4.97	784	6.34
2600	6188	528	2.89	630	4.22	718	5.58	798	7.02
2800	6664	551	3.38	650	4.81	735	6.26	813	7.77
3000	7140	574	3.96	670	5.44	753	7.00	829	8.59
3200	7616	601	4.60	692	6.16	773	7.82	846	9.49
3400	8092	628	5.30	715	6.97	793	8.70	863	10.44
3600	8568	652	6.09	738	7.84	813	9.63	883	11.51
3800	9044	678	6.95	761	8.77	834	10.65	903	12.64
4000	9520	705	7.92	785	9.81	857	11.81	923	13.84
4200	9996	731	8.94	809	10.92	882	13.10	942	15.10
4400	10472	758	10.07	834	12.16	902	14.51	965	16.52
4600	10948	786	11.29	859	13.49	926	16.04	991	18.01
4800	11424	815	12.63	885	14.96	949	17.71	1019	19.64
5000	11900	842	14.02	910	16.44	973	19.51	1047	21.34
5200	12376	870	15.58	936	18.12	997	21.32	1075	23.10
5400	12852	901	17.24	963	19.94	1023	23.22	1103	24.92
5600	13328	930	19.01	989	21.81	1048	25.25	1131	26.79
5800	13804	959	20.89	1015	23.78	1073	27.34	1158	28.71
6000	14280	989	22.87	1042	25.84	1099	29.49	1185	30.69
6200	14756	1018	24.95	1069	28.00	1125	31.75	1211	32.72
6400	15232	1047	27.15	1097	30.33	1151	34.11	1237	34.81
6600	15708	1077	29.45	1125	32.76	1177	36.58	1262	36.95

SP*	10	11	12	13	14	15	16	17	18
OV*	CFM*	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2000	4760	1156	13.24	1209	14.67				
2200	5236	1191	14.92	1255	16.18	1266	17.44	1316	19.07
2400	5712	1226	16.71	1301	17.78	1312	19.36	1362	21.16
2600	6188	1261	18.61	1347	19.57	1358	21.33	1408	23.30
2800	6664	1297	20.61	1393	21.44	1403	23.46	1454	25.49
3000	7140	1333	22.72	1440	23.40	1449	25.60	1500	27.73
3200	7616	1370	24.94	1487	25.45	1495	27.84	1546	30.03
3400	8092	1407	27.27	1534	27.60	1541	30.18	1592	32.38
3600	8568	1444	30.70	1581	29.94	1587	32.62	1638	34.77
3800	9044	1481	34.23	1628	32.37	1633	35.16	1684	37.20
4000	9520	1518	37.86	1675	35.01	1679	37.71	1730	39.67
4200	9996	1555	41.58	1722	37.75	1725	40.30	1776	42.18
4400	10472	1592	45.40	1769	40.59	1771	42.94	1822	44.73
4600	10948	1629	49.32	1816	43.90	1817	45.62	1868	47.32
4800	11424	1666	53.34	1863	47.23	1863	48.34	1914	50.00
5000	11900	1703	57.46						