

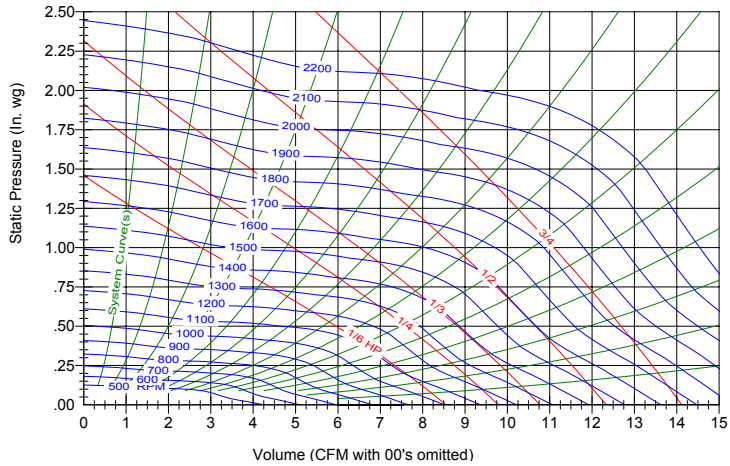
307

Max. 3/4 HP

3/4" Shaft

Wheel Dia: 7.75"

Tip Speed: 2.03 X RPM = FPM



CFM	OUTLET VELOCITY FPM	1/8" SP			1/4" SP			1/2" SP			3/4" SP			1" SP			1-1/2" SP			2" SP			2-1/2" SP		
		RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES
300	569	572	0.02	2.5	769	0.04	4.2	1068	0.08	7.5	1299	0.13	10.7	1486	0.18	15.1	1796	0.30	20.7	2057	0.42	25.9	2287	32.40	32.4
400	759	653	0.03	3.3	798	0.05	4.6	1081	0.10	7.6	1311	0.15	11	1509	0.21	15.7	1831	0.35	21.2	2093	0.49	26.5	2324	33.80	33.8
500	949	762	0.06	4.4	861	0.07	5.3	1107	0.12	8.0	1327	0.18	11.3	1517	0.25	15.8	1850	0.40	21.5	2125	0.56	27.2	2358	35.00	35.0
600	1139	872	0.09	5.7	960	0.11	6.6	1145	0.15	8.5	1353	0.22	11.8	1538	0.29	16.1	1856	0.45	21.6	2137	0.63	27.6	-	-	-
700	1329	974	0.13	6.9	1070	0.16	8.0	1212	0.20	9.5	1386	0.26	12.6	1564	0.34	16.5	1875	0.51	21.9	2144	0.69	27.8	-	-	-
800	1519	1075	0.18	8.2	1180	0.22	9.5	1306	0.27	11.0	1442	0.32	13.8	1597	0.40	16.9	1903	0.59	22.4	-	-	-	-	-	-
900	1709	1178	0.24	9.7	1286	0.30	11.0	1414	0.36	13.2	1520	0.40	15.5	1650	0.48	17.7	1927	0.66	22.8	-	-	-	-	-	-
1000	1899	1285	0.31	11.4	1388	0.38	12.6	1524	0.46	15.1	1621	0.52	17.1	1722	0.58	18.9	-	-	-	-	-	-	-	-	-
1100	2089	1393	0.40	13.3	1489	0.47	14.3	1635	0.59	17.0	1729	0.65	18.9	1814	0.71	20.4	-	-	-	-	-	-	-	-	-
1200	2279	1503	0.51	15.3	1591	0.58	16.4	1744	0.73	19.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1300	2469	1614	0.63	17.6	1695	0.71	18.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

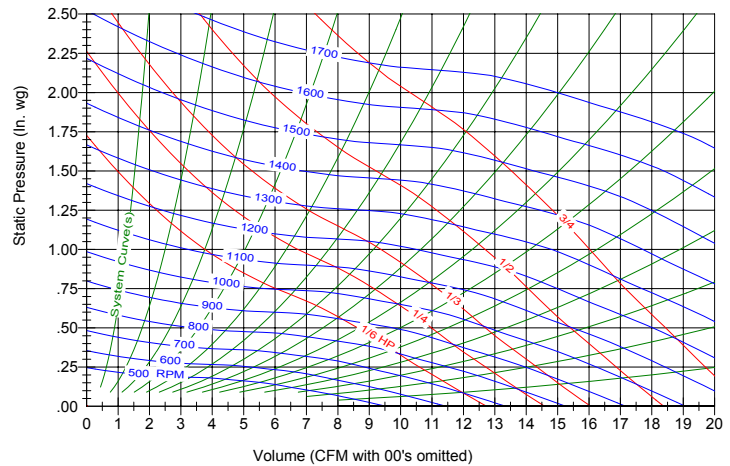
309

Max. 3/4 HP

3/4" Shaft

Wheel Dia: 10.13"

Tip Speed: 2.65 X RPM = FPM



CFM	OUTLET VELOCITY FPM	1/8" SP			1/4" SP			1/2" SP			3/4" SP			1" SP			1-1/2" SP			2" SP			2-1/2" SP		
		RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES
600	713	485	0.04	3.5	616	0.06	6.2	827	0.11	11.8	1003	0.17	--	1149	0.23	--	1388	0.37	--	1586	0.51	--	1759	0.66	--
700	832	523	0.05	4.2	640	0.07	6.8	839	0.13	11.9	1011	0.19	17.3	1159	0.26	--	1402	0.41	--	1603	0.57	--	1778	0.73	--
800	951	560	0.07	5.0	669	0.09	7.4	860	0.15	12.5	1018	0.21	17.3	1167	0.29	23	1414	0.45	--	1618	0.62	--	--	--	--
900	1070	600	0.09	5.9	704	0.12	8.2	883	0.18	13.3	1036	0.25	18.3	1173	0.32	23	1423	0.49	35	1630	0.68	--	--	--	--
1000	1189	641	0.11	6.9	743	0.15	9.0	908	0.21	14.0	1059	0.28	19.1	1189	0.36	24	1430	0.54	35	1640	0.74	45	--	--	--
1100	1308	685	0.14	7.7	781	0.18	10.1	936	0.25	14.8	1081	0.33	19.5	1210	0.41	25	1436	0.58	35	--	--	--	--	--	--
1200	1427	730	0.18	8.8	819	0.22	10.9	969	0.30	15.9	1105	0.38	20	1233	0.46	25	1452	0.65	35	--	--	--	--	--	--
1300	1546	776	0.22	9.9	859	0.26	12.1	1006	0.35	16.7	1131	0.43	21	1256	0.52	26	1471	0.71	37	--	--	--	--	--	--
1400	1665	823	0.27	11.2	901	0.31	13.7	1045	0.41	17.9	1163	0.50	22	1280	0.59	27	--	--	--	--	--	--	--	--	--
1500	1783	870	0.32	12.5	944	0.37	14.7	1083	0.47	19.2	1198	0.57	23	1306	0.66	28	--	--	--	--	--	--	--	--	--
1600	1902	918	0.38	14.2	988	0.44	15.9	1121	0.54	20	1236	0.65	25	1338	0.75	30	--	--	--	--	--	--	--	--	--
1700	2021	966	0.45	15.8	1034	0.51	17.5	1160	0.62	21	1275	0.74	26	--	--	--	--	--	--	--	--	--	--	--	--

Performance certified is for installation Type B - Free inlet, Ducted outlet. Power rating bhp does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type B: free inlet hemispherical fan sone levels. Sone values not documented in unlisted areas. Twin unit data is derived from tests of single width fans.



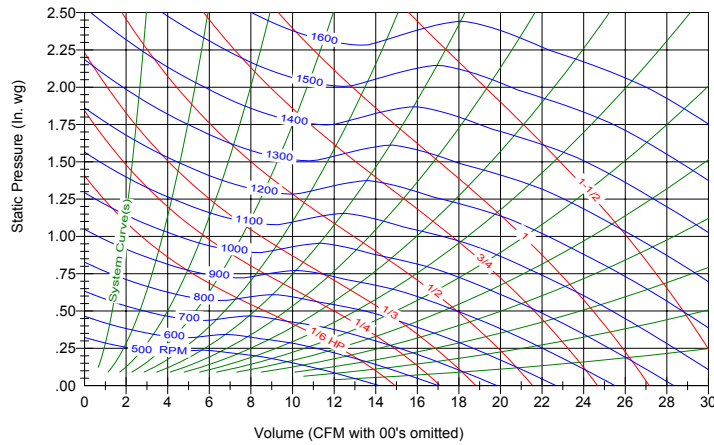
310

Max. 1 1/2 HP

3/4" Shaft

Wheel Dia: 11.44"

Tip Speed: 2.99 X RPM = FPM



CFM	OUTLET VELOCITY FPM	1/8" SP			1/4" SP			1/2" SP			3/4" SP			1" SP			1-1/2" SP			2" SP			2-1/2" SP		
		RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES
800	771	427	0.05	2.1	542	0.08	3.3	726	0.14	5.3	895	0.23	7.5	1033	0.32	9.8	1255	0.52	14.3	1436	0.72	18.5	1592	0.93	--
900	868	451	0.07	2.7	557	0.10	3.7	731	0.16	5.4	893	0.25	7.5	1033	0.35	9.8	1263	0.56	14.6	1447	0.78	18.5	1606	1.01	--
1000	964	476	0.08	3.1	575	0.12	4.1	745	0.19	5.6	887	0.27	7.5	1033	0.37	9.8	1266	0.60	14.6	1456	0.84	18.5	1618	1.09	--
1100	1060	503	0.10	3.8	596	0.14	4.6	761	0.22	5.9	895	0.30	7.5	1028	0.40	9.7	1265	0.63	14.6	1460	0.89	18.6	1626	1.16	22
1200	1157	530	0.12	4.3	620	0.16	5.0	776	0.25	6.3	908	0.33	7.8	1026	0.43	9.7	1265	0.68	14.6	1461	0.94	18.6	1632	1.23	22
1300	1253	559	0.15	5.0	645	0.19	5.5	792	0.28	6.7	926	0.38	8.2	1037	0.47	10.1	1262	0.71	14.6	1461	0.99	18.6	1634	1.29	22
1400	1350	589	0.18	5.6	670	0.23	6.0	810	0.32	7.0	940	0.42	8.6	1051	0.52	10.3	1255	0.75	14.3	1461	1.05	18.6	1633	1.35	22
1500	1446	619	0.21	6.3	696	0.26	6.7	831	0.37	7.5	955	0.47	9.1	1069	0.58	10.9	1260	0.80	14.6	1457	1.10	18.5	1634	1.42	22
1600	1543	649	0.25	6.8	723	0.31	7.2	853	0.41	8.0	971	0.53	9.4	1083	0.64	11.2	1271	0.87	14.7	1451	1.14	18.5	1632	1.49	22
1700	1639	680	0.29	7.5	751	0.35	7.9	877	0.47	8.8	989	0.58	10.0	1098	0.71	11.8	1285	0.95	15.3	1452	1.21	18.5	--	--	--
1800	1736	712	0.34	8.2	780	0.40	8.5	902	0.52	9.4	1009	0.65	10.6	1114	0.77	12.5	1303	1.03	15.7	1461	1.30	18.6	--	--	--
1900	1832	744	0.40	8.7	809	0.46	9.0	927	0.59	10.0	1031	0.72	11.4	1130	0.85	12.9	1318	1.12	16.4	1474	1.40	19.1	--	--	--
2000	1929	776	0.45	9.3	838	0.52	9.7	953	0.66	10.7	1055	0.79	12.0	1149	0.93	13.7	1333	1.22	16.6	1490	1.50	19.7	--	--	--

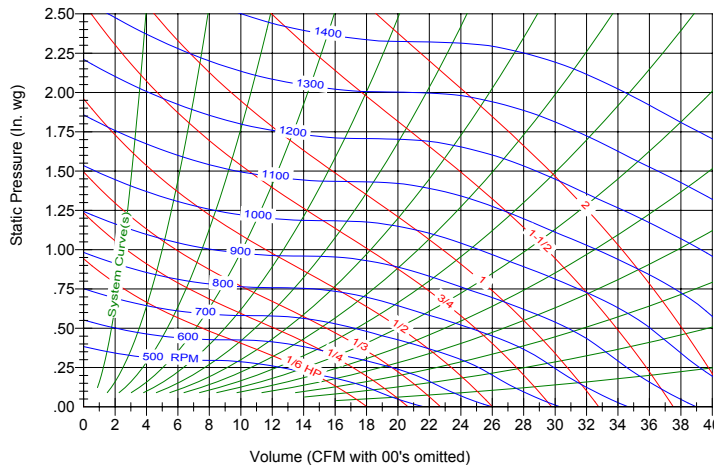
312

Max. 2 HP

3/4" Shaft

Wheel Dia: 12.50"

Tip Speed: 2.99 X RPM = FPM



CFM	OUTLET VELOCITY FPM	1/8" SP			1/4" SP			1/2" SP			3/4" SP			1" SP			1-1/2" SP			2" SP			2-1/2" SP		
		RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES
1200	823	396	0.09	2.7	492	0.13	3.3	653	0.23	5.3	798	0.38	7.5	917	0.53	9.4	1114	0.84	13.1	1276	1.18	--	1416	1.53	23
1400	960	427	0.12	3.3	519	0.18	4.0	666	0.28	5.6	800	0.42	7.8	922	0.59	9.6	1121	0.94	13.6	1287	1.31	17.3	1430	1.69	24
1600	1097	461	0.17	4.2	546	0.23	4.8	685	0.34	6.2	807	0.47	7.9	924	0.64	9.6	1126	1.03	13.8	1295	1.44	17.6	1440	1.86	25
1800	1234	499	0.22	5.1	575	0.29	5.6	709	0.42	6.9	823	0.54	8.5	929	0.70	9.9	1130	1.11	13.9	1299	1.56	18.0	--	--	--
2000	1371	540	0.29	6.1	607	0.36	6.5	736	0.52	7.8	843	0.65	9.1	943	0.80	10.2	1132	1.18	13.9	1304	1.67	18.1	--	--	--
2200	1508	583	0.37	7.3	641	0.44	7.5	763	0.61	8.7	867	0.77	9.8	962	0.92	10.9	1137	1.28	14.1	1306	1.77	18.2	--	--	--
2400	1646	626	0.47	8.3	678	0.53	8.6	791	0.72	9.7	895	0.91	10.8	984	1.07	11.9	1151	1.43	14.8	1306	1.86	18.2	--	--	--
2600	1783	670	0.58	9.5	717	0.65	9.6	821	0.84	10.6	922	1.06	11.7	1009	1.24	12.9	1169	1.59	15.6	--	--	--	--	--	--
2800	1920	713	0.71	10.5	758	0.79	11.0	854	0.98	11.7	950	1.21	12.6	1037	1.43	13.7	1189	1.81	16.7	--	--	--	--	--	--
3000	2057	757	0.86	11.9	800	0.95	12.1	888	1.14	12.4	978	1.38	13.5	1064	1.62	15.0	--	--	--	--	--	--	--	--	--
3200	2194	800	1.03	13.2	843	1.13	13.4	923	1.32	13.8	1008	1.57	14.9	1092	1.83	16.5	--	--	--	--	--	--	--	--	--
3400	2331	844	1.22	14.3	887	1.33	14.6	959	1.52	14.8	1041	1.78	16.1	--	--	--	--	--	--	--	--	--	--	--	--

SI CONVERSION FACTOR

CFM x 0.472 = L/s SP x 0.249 = kPa

Performance certified is for installation Type A: Free inlet, Free outlet.
 Power rating bhp does not include transmission losses.
 Performance ratings include the effects of the outlet hood and screen, but do not include the effects of back-draft dampers or other appurtenances (accessories).
 The sound ratings shown are in loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA 301.
 Values shown are for installation Type A: free inlet fan sone levels. Sone values not documented in unlisted areas.



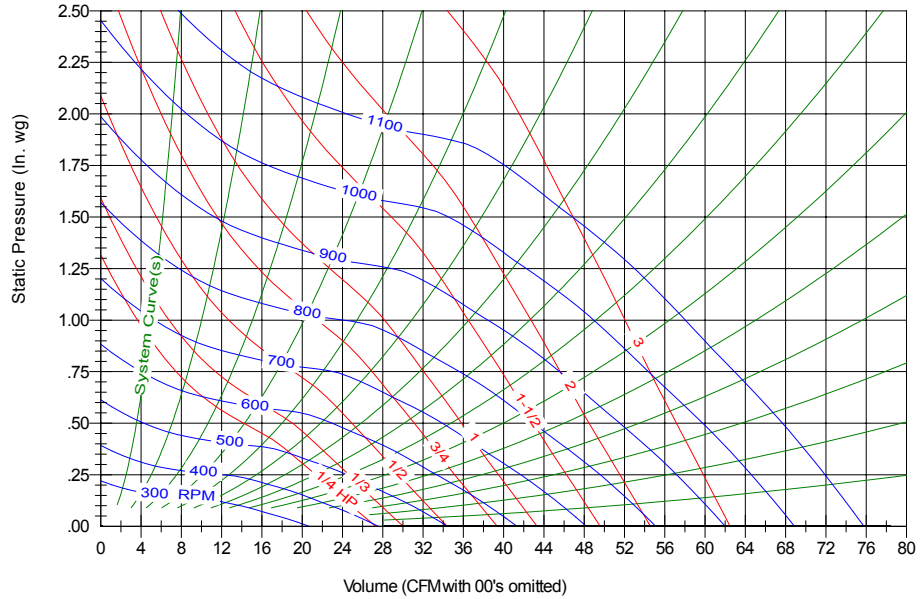
315

Max. 3 HP

1" Shaft

Wheel Dia: 15.25"

Tip Speed: 3.99 X RPM = FPM



CFM	OUTLET VELOCITY FPM	1/8" SP			1/4" SP			1/2" SP			3/4" SP			1" SP			1-1/2" SP			2" SP			2-1/2" SP		
		RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES
1500	730	330	0.09	--	414	0.14	2.6	560	0.26	5.1	673	0.41	7.7	767	0.56	9.4	923	0.90	--	1053	1.25	--	1165	1.62	--
1750	852	355	0.12	2.2	435	0.17	3.1	566	0.30	5.3	683	0.46	8.0	778	0.63	9.8	936	1.00	--	1067	1.39	--	1181	1.80	--
2000	974	383	0.16	2.8	456	0.22	3.6	577	0.36	5.6	690	0.52	8.2	788	0.71	10.1	947	1.11	--	1080	1.53	--	1196	1.97	--
2250	1095	411	0.21	3.5	480	0.28	4.3	596	0.42	6.2	697	0.59	8.4	796	0.78	10.3	958	1.21	15.2	1091	1.67	--	1208	2.15	--
2500	1217	440	0.27	4.3	505	0.34	5.0	617	0.50	6.9	711	0.67	8.7	802	0.87	10.6	967	1.32	15.6	1102	1.81	--	1219	2.32	--
2750	1339	470	0.34	5.1	532	0.42	5.7	639	0.59	7.6	729	0.77	9.3	812	0.97	11.0	975	1.43	15.9	1112	1.95	--	1230	2.49	--
3000	1461	501	0.42	6.0	561	0.52	6.5	661	0.70	8.4	751	0.89	9.9	829	1.09	11.7	981	1.56	16.2	1121	2.10	21	1240	2.67	--
3250	1582	532	0.52	6.9	590	0.62	7.5	685	0.82	9.1	772	1.02	10.7	848	1.24	12.6	988	1.70	16.5	1127	2.26	21	1250	2.85	--
3500	1704	564	0.63	7.9	619	0.74	8.4	711	0.95	9.8	794	1.17	11.6	870	1.40	13.5	1003	1.87	17.2	1133	2.43	22	--	--	--
3750	1826	597	0.76	9.0	649	0.88	9.5	738	1.11	10.8	817	1.33	12.5	891	1.57	14.4	1021	2.07	18.0	1141	2.62	22	--	--	--
4000	1948	630	0.91	10.3	679	1.03	10.5	766	1.28	11.9	841	1.52	13.5	913	1.77	15.4	1041	2.29	18.9	1155	2.84	23	--	--	--
4250	2069	664	1.07	11.6	710	1.21	11.6	794	1.47	13.0	867	1.72	14.6	936	1.98	16.4	1062	2.53	20	--	--	--	--	--	--
4500	2191	697	1.26	12.8	741	1.40	12.9	823	1.67	14.3	893	1.94	15.8	960	2.21	17.4	1084	2.79	21	--	--	--	--	--	--
4750	2313	731	1.46	14.2	773	1.61	14.3	852	1.90	15.4	921	2.19	17.0	984	2.47	18.5	--	--	--	--	--	--	--	--	--
5000	2435	766	1.69	15.7	805	1.84	15.7	881	2.15	16.7	949	2.45	18.2	1011	2.75	19.8	--	--	--	--	--	--	--	--	--

Performance certified is for installation Type A: Free inlet, Free outlet.
 Power rating bhp does not include transmission losses.
 Performance ratings include the effects of the outlet hood and screen, but do not include the effects of back-draft dampers or other appurtenances (accessories).
 The sound ratings shown are in loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA 301.
 Values shown are for installation Type A: free inlet fan sone levels. Sone values not documented in unlisted areas.



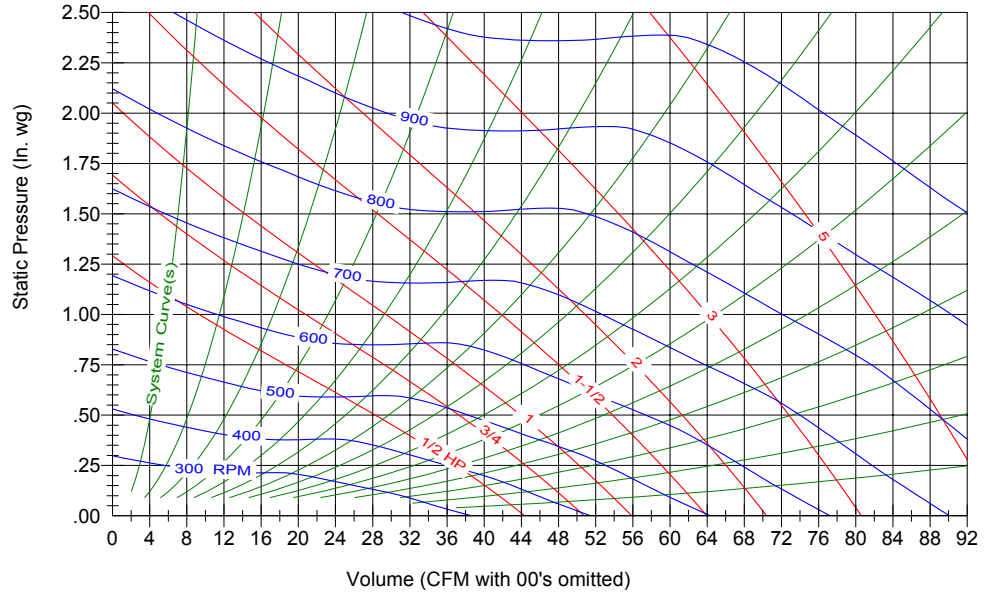
318

Max. 5 HP

1" Shaft

Wheel Dia: 18.19"

Tip Speed: 3.99 X RPM = FPM



CFM	OUTLET VELOCITY FPM	1/8" SP			1/4" SP			1/2" SP			3/4" SP			1" SP			1-1/2" SP			2" SP			2-1/2" SP		
		RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES
3000	1046	308	0.24	3.8	368	0.34	4.6	462	0.52	6.1	563	0.76	9.1	652	1.05	11.7	791	1.63	--	899	2.24	--	994	2.87	--
3250	1133	322	0.29	4.3	381	0.39	5.1	471	0.58	6.4	562	0.82	9.1	651	1.11	11.7	796	1.74	--	907	2.38	--	1002	3.05	--
3500	1220	337	0.34	4.7	394	0.46	5.6	482	0.66	6.8	562	0.89	9.1	650	1.18	11.8	798	1.85	16.1	914	2.53	--	1010	3.23	--
3750	1307	353	0.41	5.2	408	0.53	6.1	496	0.75	7.6	569	0.98	9.1	649	1.26	11.8	799	1.95	16.1	919	2.68	--	1017	3.41	--
4000	1395	369	0.48	5.9	422	0.61	6.6	508	0.85	8.1	578	1.08	9.6	648	1.35	11.8	798	2.04	16.1	921	2.83	21	1024	3.60	--
4250	1482	386	0.56	6.5	436	0.69	7.1	521	0.95	8.7	589	1.20	10.1	654	1.46	11.8	796	2.15	16.3	923	2.96	22	1028	3.79	--
4500	1569	403	0.65	7.1	450	0.78	7.8	534	1.07	9.4	602	1.33	10.8	663	1.60	12.1	796	2.28	16.3	922	3.09	21	1030	3.97	26
4750	1656	421	0.75	7.6	464	0.88	8.3	547	1.19	10.0	616	1.47	11.4	673	1.74	12.7	794	2.40	16.3	920	3.21	21	1031	4.14	26
5000	1743	438	0.86	8.3	479	1.00	8.9	561	1.33	10.6	628	1.62	12.2	685	1.90	13.2	796	2.54	16.3	919	3.38	22	1031	4.30	26
5250	1830	456	0.98	9.0	495	1.12	9.7	574	1.47	11.3	640	1.78	12.8	698	2.08	14.0	803	2.72	16.3	918	3.54	22	1029	4.44	26
5500	1918	474	1.11	9.7	512	1.26	10.2	588	1.62	12.1	653	1.96	13.5	712	2.27	14.5	811	2.92	17.1	917	3.70	22	1028	4.64	--
5750	2005	492	1.25	10.3	528	1.41	11.0	601	1.77	12.8	666	2.14	14.3	724	2.47	15.3	821	3.14	17.8	919	3.89	22	1027	4.85	--
6000	2092	511	1.41	11.0	545	1.57	12.0	615	1.94	13.5	680	2.34	15.0	736	2.69	15.9	832	3.37	18.4	925	4.13	22	--	--	--
6250	2179	529	1.58	12.0	562	1.75	12.8	629	2.12	14.0	693	2.54	15.6	749	2.92	16.8	845	3.63	19.1	933	4.39	22	--	--	--
6500	2266	547	1.76	13.0	579	1.94	13.7	644	2.31	15.0	707	2.76	16.5	762	3.16	17.7	859	3.90	20	942	4.67	23	--	--	--
6750	2354	565	1.96	13.8	597	2.14	14.5	658	2.52	15.6	720	2.98	16.9	775	3.41	18.5	872	4.19	21	953	4.97	23	--	--	--
7000	2441	583	2.16	14.4	615	2.36	15.3	674	2.75	16.4	734	3.22	17.9	789	3.68	19.4	884	4.49	22	--	--	--	--	--	--

SI CONVERSION FACTOR
CFM x 0.472 = L/s SP x 0.249 = kPa

Performance certified is for installation Type A: Free inlet, Free outlet.
 Power rating bhp does not include transmission losses.
 Performance ratings include the effects of the outlet hood and screen, but do not include the effects of back-draft dampers or other appurtenances (accessories).
 The sound ratings shown are in loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA 301.
 Values shown are for installation Type A: free inlet fan sone levels. Sone values not documented in unlisted areas.