

207

Max. 3/4 HP, 145T Frame
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						
300	569	526	0.01	1.3	719	0.03	-	1026	0.06	-	1247	0.09	-	1433	0.12	-	1733	0.19	-	1980	0.26	-	2189	0.33	-
400	759	567	0.02	1.8	737	0.04	3.9	1019	0.07	-	1257	0.11	-	1448	0.15	-	1761	0.24	-	2020	0.33	-	2242	0.42	-
500	949	636	0.04	3.1	770	0.05	4.2	1027	0.09	9.3	1246	0.13	-	1450	0.18	-	1775	0.28	-	2038	0.39	-	2271	0.50	-
600	1139	719	0.06	4.3	822	0.07	6.2	1051	0.12	10.1	1255	0.16	11.8	1437	0.20	-	1777	0.32	-	2051	0.45	-	2286	0.58	-
700	1329	806	0.08	6.4	894	0.10	8.7	1086	0.15	10.8	1278	0.20	12.5	1451	0.24	14.3	1763	0.35	22	2052	0.50	-	2295	0.65	-
800	1519	894	0.12	8.6	975	0.14	10.1	1134	0.18	11.7	1308	0.24	12.9	1473	0.30	15.7	1768	0.41	23	2038	0.54	-	2292	0.71	-
900	1709	983	0.16	10.8	1062	0.19	12.1	1198	0.23	12.9	1350	0.29	13.8	1503	0.36	20.7	1785	0.48	24	2038	0.61	-	-	-	-
1000	1899	1073	0.21	12.6	1149	0.24	13.3	1272	0.29	14.7	1400	0.35	15.1	1540	0.43	17.6	1809	0.57	26	2053	0.70	-	-	-	-
1100	2089	1165	0.27	14.1	1236	0.31	14.8	1352	0.37	15.6	1465	0.43	17.7	1588	0.50	19.8	1840	0.66	29	-	-	-	-	-	-
1200	2279	1257	0.35	15.8	1325	0.39	16.5	1438	0.46	17.6	1539	0.52	23	1644	0.58	23	-	-	-	-	-	-	-	-	-
1300	2469	1351	0.43	17.9	1414	0.48	18.5	1526	0.56	21	1618	0.62	37	1713	0.69	27	-	-	-	-	-	-	-	-	-
1400	2659	1445	0.53	22	1505	0.59	22	1613	0.67	24	1701	0.74	26	-	-	-	-	-	-	-	-	-	-	-	-

207-2

Max. 1-1/2 HP, 145T Frame
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						
600	569	526	0.03	1.9	719	0.05	3.8	1026	0.11	11.1	1247	0.18	-	1433	0.24	-	1733	0.38	-	1980	0.51	-	2189	0.67	-
800	759	567	0.05	2.5	737	0.07	4.9	1019	0.14	10.8	1257	0.22	14.1	1448	0.30	16.8	1761	0.48	27	2020	0.65	-	2242	0.83	-
1000	949	636	0.07	3.9	770	0.11	5.3	1027	0.18	11.2	1246	0.25	13.7	1450	0.36	17.0	1775	0.57	28	2038	0.79	-	2271	1.00	-
1200	1139	719	0.11	5.3	822	0.15	7.6	1051	0.23	12.1	1255	0.31	14.0	1437	0.40	16.3	1777	0.64	28	2051	0.90	-	2286	1.16	-
1400	1329	806	0.17	7.9	894	0.20	10.5	1086	0.30	12.9	1278	0.39	15.0	1451	0.49	17.1	1763	0.71	27	2052	1.00	-	2295	1.29	-
1600	1519	894	0.24	10.6	975	0.28	12.1	1134	0.37	14.0	1308	0.49	15.4	1473	0.60	18.8	1768	0.82	28	2038	1.08	-	2292	1.42	-
1800	1709	983	0.32	13.0	1062	0.37	14.5	1198	0.47	15.5	1350	0.59	16.5	1503	0.72	25	1785	0.97	29	2038	1.22	-	-	-	-
2000	1899	1073	0.43	15.1	1149	0.49	16.0	1272	0.59	17.6	1400	0.70	18.1	1540	0.85	21	1809	1.13	32	2053	1.40	-	-	-	-
2200	2089	1165	0.55	16.8	1236	0.63	17.7	1352	0.74	18.7	1465	0.85	21	1588	1.00	24	1840	1.32	35	-	-	-	-	-	-
2400	2279	1257	0.70	18.9	1325	0.79	19.7	1438	0.91	21	1539	1.03	28	1644	1.17	28	-	-	-	-	-	-	-	-	-
2600	2469	1351	0.87	21	1414	0.97	22	1526	1.12	25	1618	1.24	-	1713	1.38	33	-	-	-	-	-	-	-	-	-
2800	2659	1445	1.07	26	1505	1.17	27	1613	1.35	29	1701	1.49	-	-	-	-	-	-	-	-	-	-	-	-	-

209 & 9209

209 -Max. 3/4 HP, 145T Frame
9209 -Max. 1-1/2 HP, 145T Frame
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						
600	713	417	0.03	1.6	557	0.05	2.2	798	0.10	5.7	977	0.15	8.5	1120	0.21	10.8	1353	0.33	-	1548	0.45	-	1717	0.59	-
700	832	440	0.04	1.3	566	0.06	2.5	791	0.11	5.4	979	0.17	8.6	1128	0.23	11.1	1367	0.37	-	1564	0.50	-	1736	0.65	-
800	951	468	0.06	1.8	581	0.07	3.8	786	0.12	5.2	974	0.19	8.4	1130	0.26	11.2	1379	0.41	15.8	1578	0.56	-	1751	0.72	-
900	1070	499	0.07	2.2	601	0.10	3.1	792	0.14	5.5	964	0.21	8.1	1126	0.28	11.0	1384	0.45	16.2	1590	0.61	19.7	1764	0.79	-
1000	1189	534	0.09	2.7	625	0.12	4.1	802	0.17	5.8	964	0.23	8.1	1118	0.31	10.7	1384	0.48	16.2	1596	0.67	20	1777	0.85	24
1100	1308	573	0.12	3.4	653	0.15	6.9	816	0.20	6.7	970	0.27	8.3	1112	0.34	10.5	1379	0.52	15.8	1598	0.72	20	1784	0.92	24
1200	1427	613	0.15	4.5	682	0.18	10.3	834	0.24	8.0	979	0.30	8.6	1115	0.38	10.6	1371	0.56	15.3	1596	0.76	20	1787	0.98	24
1300	1546	654	0.19	6.1	714	0.22	5.2	856	0.28	7.0	992	0.35	8.9	1122	0.42	10.9	1362	0.60	14.8	1590	0.81	19.7	1786	1.04	24
1400	1665	696	0.23	7.0	750	0.26	5.9	881	0.33	7.6	1009	0.40	9.4	1132	0.48	11.3	1362	0.65	14.8	1582	0.87	19.3	1781	1.10	24
1500	1783	739	0.28	7.7	788	0.31	6.7	907	0.38	8.2	1028	0.46	10.1	1145	0.53	11.9	1367	0.71	15.1	1573	0.92	18.8	1775	1.17	24
1600	1902	782	0.34	8.3	828	0.37	7.5	936	0.44	8.9	1050	0.52	10.4	1162	0.60	13.6	1375	0.78	15.6	1573	0.99	18.8	1765	1.23	23
1700	2021	826	0.40	8.8	868	0.43	8.3	966	0.51	9.6	1075	0.59	11.1	1181	0.68	17.5	1385	0.86	16.2	1576	1.07	19.0	1758	1.31	23

209-2 & 9209-2

Max. 1-1/2 HP, 145T Frame
3/4" Shaft Wheel Dia, 10.13" Tip Speed: 2.65 X RPM = FPM

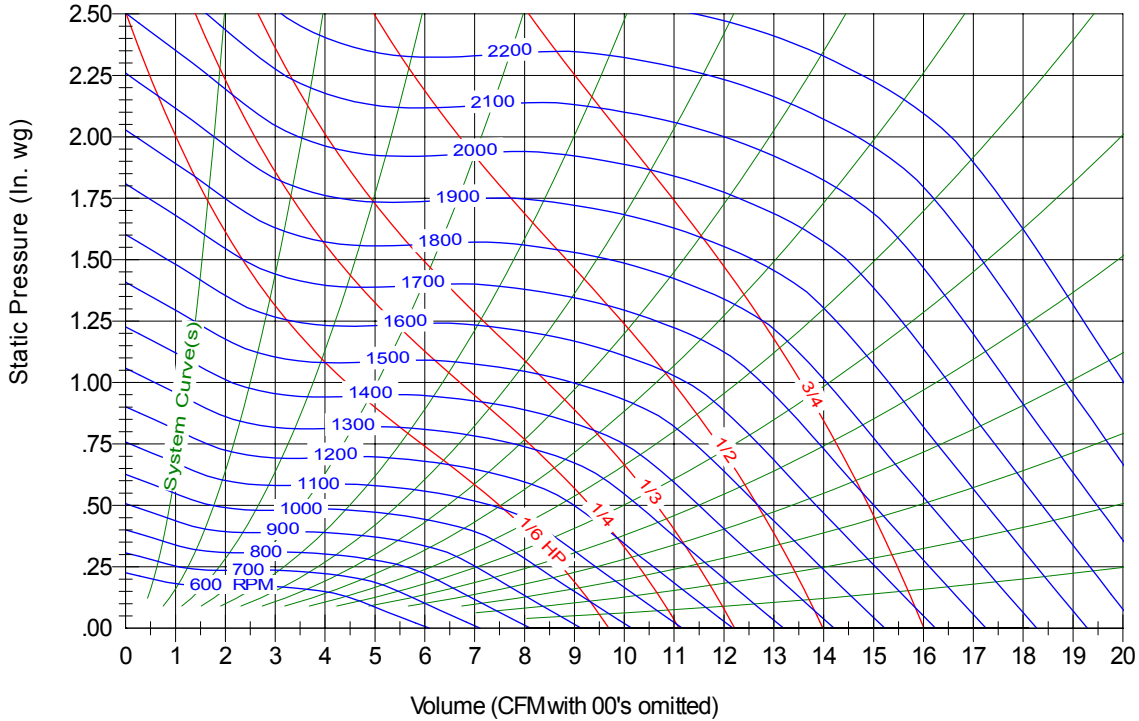
CFM	OUTLET VELOCITY FPM	1/8" SP		1/4" SP		1/2" SP		3/4" SP		1" SP		1-1/2" SP		2" SP		2-1/2" SP									
		RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES						
1200	713	417	0.06	-	557	0.09	4.4	798	0.19	10.6	977	0.30	15.9	1120	0.41	19.4	1353	0.65	25	1548	0.90	33	1717	1.17	43
1400	832	440	0.08	-	566	0.12	4.6	791	0.22	10.3	979	0.34	15.9	1128	0.47	19.7	1367	0.73	26	1564	1.01	34	1736	1.30	44
1600	951	468	0.11	3.3	581	0.15	4.9	786	0.25	10.1	974	0.37	15.8	1130	0.52	19.7	1379	0.81	27	1578	1.12	35	1751	1.43	45
1800	1070	499	0.14	4.1	601	0.19	5.4	792	0.29	10.3	964	0.41	15.5	1126	0.56	19.5	1384	0.89	27	1590	1.23	36	-	-	-
2000	1189	534	0.19	5.0	625	0.24	6.2	802	0.34	10.8	964	0.47	15.5	1118	0.62	19.2	1384	0.97	27	1596	1.33	37	-	-	-
2200	1308	573	0.24	6.0	653	0.29	7.1	816	0.40	11.3	970	0.53	15.7	1112	0.68	19.0	1379	1.03	27	1598	1.44	37	-	-	-
2400	1427	613	0.30	7.2	682	0.36	8.1	834	0.48	11.9	979	0.61	16.0	1115	0.76	19.1	1371	1.11	26	-	-	-	-	-	-
2600	1546	654	0.38	8.6	714	0.43	9.2	856	0.56	12.7	992	0.69	16.4	1122	0.85	19.4	1362	1.20	26	-	-	-	-	-	-
2800	1665	696	0.46	10.1	750	0.52	10.7	881	0.66	13.6	1009	0.80	16.9	1132	0.95	19.8	1362	1.31	26	-	-	-	-	-	-
3000	1783	739	0.56	11.8	788	0.62	12.2	907	0.77	14.6	1028	0.92	17.4	1145	1.06	20	1367	1.43	26	-	-	-	-	-	-
3200	1902	782	0.67	13.6	828	0.73	13.8	936	0.88	15.7	1050	1.05	18.1	1162	1.20	21	-	-	-	-	-	-	-	-	-
3400	2021	826	0.80	15.3	868	0.86	15.4	966	1.02	16.8	1075	1.19	19.0	1181	1.36	22	-	-	-	-	-	-	-	-	-

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 30



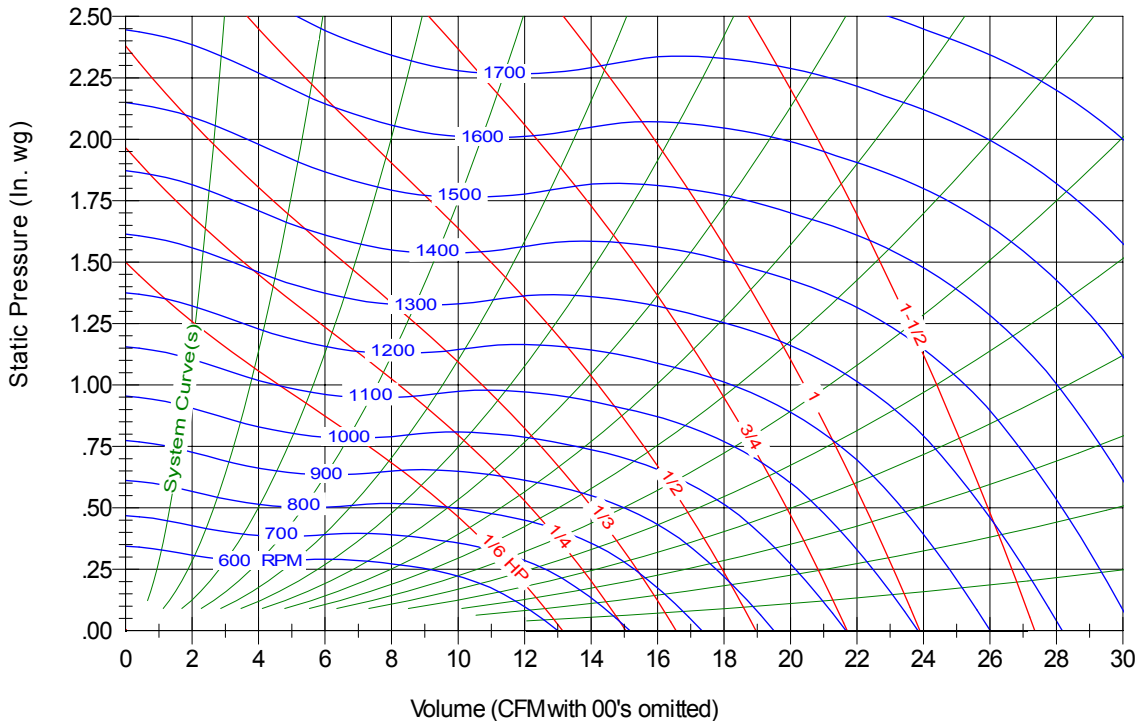
207

Max. 3/4 HP, 145T Frame
 3/4" Shaft Wheel Dia, 7.75" Tip Speed: 2.03 X RPM = FPM



209 & 9209

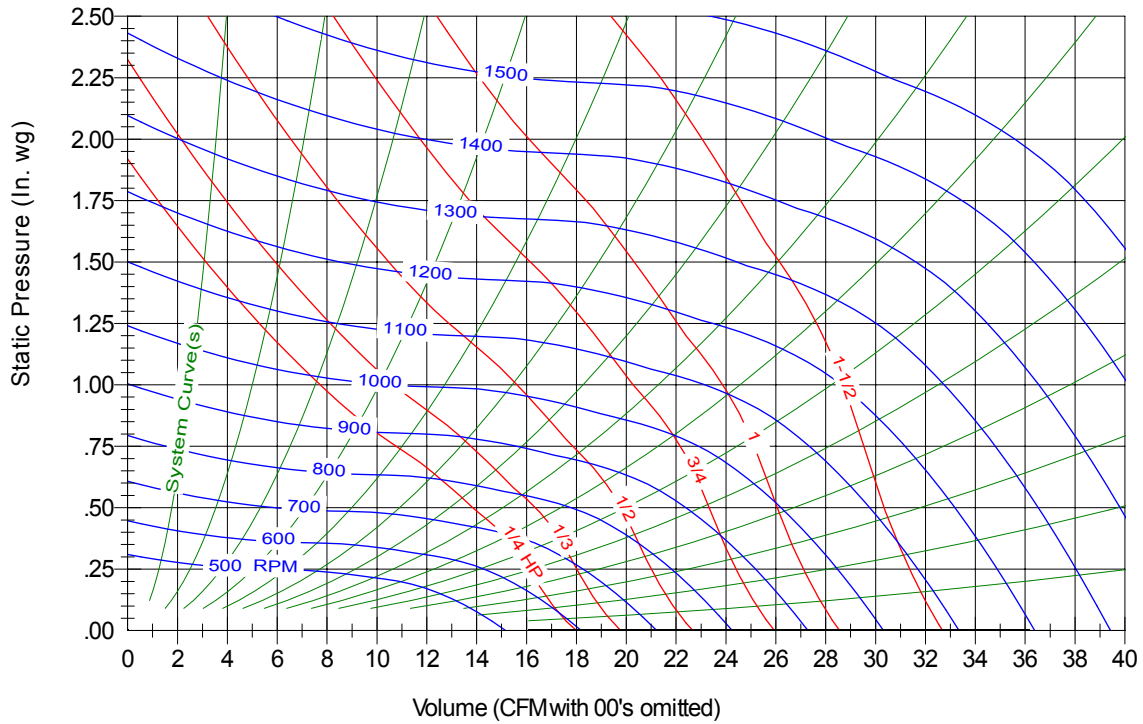
209 -Max. 3/4 HP, 145T Frame
 9209 -Max. 1-1/2 HP, 145T Frame
 3/4" Shaft Wheel Dia, 10.13" Tip Speed: 2.65 X RPM = FPM



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. Some values not documented in unlisted areas. Twin unit data is derived from tests of single width fans.

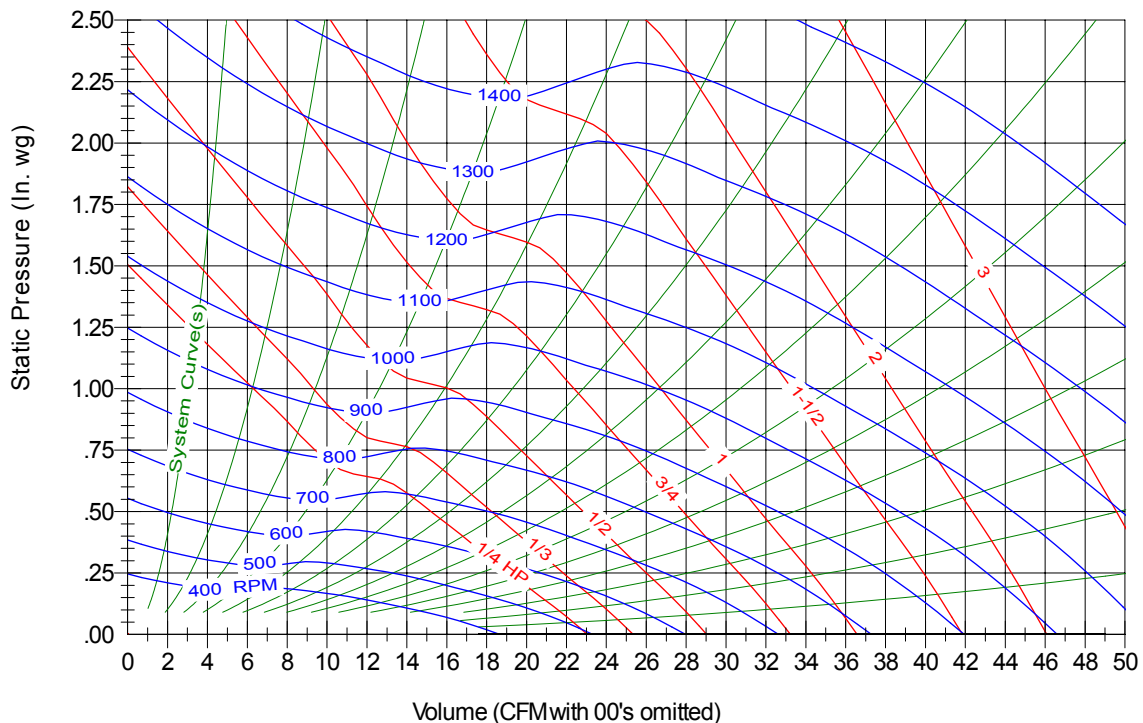
210 & 9210

Max. 1/2 HP, 145T Frame
 3/4" Shaft Wheel Dia, 11.44" Tip Speed: 2.99 X RPM = FPM



212 & 9212

212 - Max. 1-1/2HP, 145T Frame 3/4" Shaft
 9212 - Max. 3 HP, 145T Frame 1" Shaft
 Wheel Dia, 12.50" Tip Speed: 3.27 X RPM = FPM



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. Some values not documented in unlisted areas. Twin unit data is derived from tests of single width fans.

215 & 9215

215 - Max. 3 HP, 184T Frame 1" Shaft
 9215 - Max. 5 HP, 184T Frame 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
1800	876	273	0.10	2.7	370	0.18	4.8	510	0.29	8.8	617	0.42	11.3	705	0.57	14.1	850	0.88	18.3	969	1.20	21	1071	1.52	24
1900	925	278	0.11	3.4	373	0.19	5.0	510	0.32	9.0	620	0.44	11.5	708	0.60	14.3	854	0.93	18.6	974	1.26	22	1077	1.59	25
2000	974	284	0.12	4.2	375	0.20	4.5	510	0.35	9.0	622	0.47	11.7	711	0.62	14.6	857	0.97	19.0	978	1.32	22	1083	1.67	25
2100	1022	290	0.14	2.9	375	0.21	4.6	510	0.38	9.0	623	0.50	11.8	714	0.65	14.9	860	1.01	19.3	982	1.37	22	1088	1.74	26
2200	1071	297	0.15	3.5	376	0.22	4.6	511	0.41	9.2	624	0.54	11.9	716	0.68	15.1	863	1.05	19.7	986	1.43	23	1092	1.81	27
2300	1120	305	0.17	4.2	378	0.23	4.7	514	0.44	10.0	624	0.58	11.9	718	0.72	15.3	866	1.09	20	989	1.48	23	1096	1.89	27
2400	1168	314	0.19	4.8	381	0.25	4.8	517	0.46	10.8	624	0.62	12.0	720	0.76	15.5	869	1.13	20	992	1.54	24	1100	1.96	27
2500	1217	323	0.21	5.5	385	0.27	5.1	521	0.49	12.0	624	0.67	12.0	721	0.81	15.5	872	1.17	21	995	1.59	24	1104	2.02	28
2600	1266	332	0.23	4.6	389	0.29	5.3	525	0.51	13.3	625	0.71	12.1	721	0.86	15.5	875	1.21	21	999	1.64	25	1107	2.09	29
2700	1314	342	0.26	5.1	394	0.32	5.6	528	0.54	14.3	626	0.76	12.2	721	0.92	15.5	877	1.26	22	1002	1.69	25	1110	2.16	29
2800	1363	352	0.29	5.6	400	0.34	5.9	530	0.56	9.0	629	0.80	12.6	721	0.98	15.5	879	1.31	22	1005	1.75	25	1113	2.22	29
2900	1412	363	0.31	6.0	406	0.37	6.2	531	0.58	9.1	632	0.84	13.0	721	1.04	15.5	881	1.37	23	1007	1.81	26	1116	2.29	29
3000	1461	373	0.35	6.4	413	0.40	6.5	531	0.60	9.2	636	0.87	13.8	722	1.09	15.6	882	1.44	23	1010	1.87	26	1119	2.36	30
3100	1509	384	0.38	6.7	420	0.43	7.1	532	0.62	9.2	640	0.91	14.5	723	1.15	15.8	883	1.51	23	1012	1.93	27	1122	2.42	30
3200	1558	394	0.42	7.0	427	0.46	8.8	533	0.65	9.3	643	0.95	15.0	725	1.21	15.9	883	1.59	23	1015	2.00	27	1125	2.49	31
3300	1607	405	0.45	7.2	436	0.50	10.3	536	0.68	9.5	646	0.98	15.6	728	1.26	16.2	883	1.68	23	1016	2.07	27	1128	2.57	32
3400	1655	416	0.49	7.4	445	0.54	12.0	539	0.71	9.7	649	1.01	13.6	732	1.31	16.6	883	1.77	23	1018	2.16	28	1130	2.64	32
3500	1704	427	0.54	7.8	454	0.58	14.1	543	0.75	10.0	650	1.04	13.7	736	1.36	16.9	883	1.86	23	1019	2.25	28	1133	2.73	32
3600	1753	437	0.58	8.3	463	0.62	16.4	547	0.80	10.7	651	1.08	13.8	740	1.41	17.3	883	1.94	23	1019	2.35	28	1135	2.81	32
3700	1801	448	0.63	8.8	473	0.67	9.4	552	0.84	11.6	651	1.10	13.8	743	1.46	17.5	884	2.03	24	1020	2.46	28	1137	2.91	33
3800	1850	459	0.68	9.4	483	0.72	10.0	557	0.89	12.5	652	1.14	13.9	746	1.51	17.8	886	2.12	25	1020	2.57	28	1138	3.01	33
3900	1899	470	0.73	9.9	493	0.78	10.8	562	0.94	13.6	653	1.18	13.9	749	1.55	17.6	888	2.20	26	1020	2.69	28	1139	3.13	33
4000	1948	481	0.79	10.5	503	0.83	11.9	568	0.99	14.9	655	1.23	14.1	750	1.59	17.7	891	2.29	27	1020	2.81	28	1140	3.25	33
4100	1996	492	0.85	11.1	513	0.89	13.1	574	1.04	16.1	658	1.28	14.3	751	1.63	17.8	894	2.36	29	1020	2.93	28	1140	3.38	33
4200	2045	503	0.91	11.7	523	0.95	14.2	581	1.10	12.5	661	1.33	14.5	751	1.67	17.8	898	2.44	32	1020	3.05	28	1140	3.52	33
4300	2094	514	0.97	12.4	534	1.02	15.4	588	1.16	13.1	665	1.39	14.9	752	1.71	17.8	902	2.52	35	1022	3.16	29	1140	3.67	33
4400	2142	526	1.04	12.9	544	1.09	16.6	595	1.22	13.8	670	1.46	15.8	753	1.76	17.9	906	2.59	39	1023	3.28	29	1140	3.81	33

215-2 & 9215-2

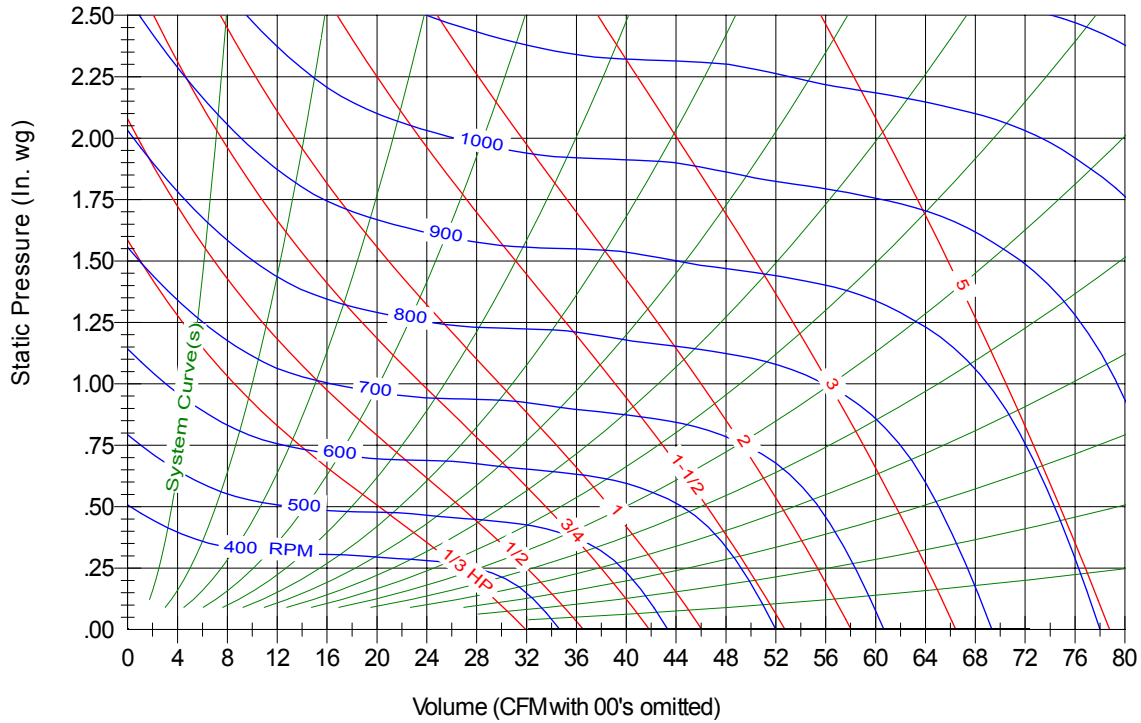
215 -2 - Max. 3 HP, 184T Frame 1" Shaft
 9215 -2 - Max. 5 HP, 184T Frame 1" Shaft
 Wheel Dia, 15.25" Tip Speed: 3.99 X RPM = FPM

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
3600	876	273	0.20	3.5	370	0.35	5.8	510	0.59	10.2	617	0.84	13.2	705	1.14	16.2	850	1.77	20	969	2.40	24	1071	3.04	27
3800	925	278	0.22	4.2	373	0.38	6.0	510	0.64	10.5	620	0.89	13.6	708	1.19	16.5	854	1.85	21	974	2.52	24	1077	3.19	28
4000	974	284	0.25	5.0	375	0.40	5.6	510	0.70	10.5	622	0.94	13.8	711	1.25	16.8	857	1.93	21	978	2.63	25	1083	3.34	28
4200	1022	290	0.28	3.8	375	0.42	5.7	510	0.76	10.5	623	1.00	13.9	714	1.31	17.1	860	2.01	22	982	2.75	25	1088	3.49	29
4400	1071	297	0.31	4.5	376	0.44	5.7	511	0.82	10.8	624	1.07	14.0	716	1.37	17.3	863	2.09	22	986	2.86	26	1092	3.63	30
4600	1120	305	0.34	5.2	378	0.47	5.8	514	0.87	11.5	624	1.16	14.0	718	1.44	17.5	866	2.17	22	989	2.96	26	1096	3.77	30
4800	1168	314	0.38	5.8	381	0.50	6.0	517	0.93	12.4	624	1.24	14.0	720	1.52	17.7	869	2.25	23	992	3.07	26	1100	3.91	31
5000	1217	323	0.42	6.5	385	0.54	6.2	521	0.98	13.6	624	1.33	14.0	721	1.61	17.8	872	2.33	23	995	3.18	27	1104	4.05	31
5200	1266	333	0.47	5.8	389	0.59	6.5	525	1.03	14.8	625	1.42	14.1	721	1.72	17.8	875	2.42	24	999	3.28	28	1107	4.18	32
5400	1314	342	0.52	6.3	394	0.63	6.8	528	1.07	15.8	626	1.51	14.2	721	1.83	17.8	877	2.52	24	1002	3.39	28	1110	4.31	32
5600	1363	352	0.57	6.8	400	0.68	7.1	530	1.11	10.8	629	1.59	14.6	721	1.95	17.8	879	2.63	25	1005	3.50	28	1113	4.44	33
5800	1412	363	0.63	7.3	406	0.74	7.5	531	1.15	10.9	632	1.67	15.2	721	2.07	17.8	881	2.75	26	1007	3.61	29	1116	4.58	33
6000	1461	373	0.69	7.7	413	0.80	7.8	531	1.19	11.0	636	1.75	15.9	722	2.19	18.0	882	2.88	26	1010	3.73	29	1119	4.71	34
6200	1509	384	0.76	8.1	420	0.86	8.5	532	1.24	11.0	640	1.82	16.6	723	2.30	18.0	883	3.02	26	1013	3.86	30	1122	4.84	34
6400	1558	394	0.83	8.4	428	0.93	10.2	533	1.29	11.1	643	1.89	17.1	725	2.42	18.2	883	3.18	26	1015	4.00	30	1125	4.98	35
6600	1607	405	0.91	8.7	436	1.00	11.8	536	1.36	11.4	647	1.96	17.8	728	2.52	18.5	883	3.35	26	1017	4.15	31	-	-	-
6800	1655	416	0.99	9.0	445	1.08	13.5	539	1.43	11.7	649	2.03	15.8	732	2.63	18.9	883	3.53	26	1018	4.31	31	-	-	-
7000	1704	427	1.07	9.5	454	1.16	15.5	543	1.51	12.0	650	2.09	15.9	736	2.73	19.3	883	3.71	26	1019	4.50	32	-	-	-
7200	1753	437	1.16	10.0	463	1.25	17.8	547	1.59	12.6	650	2.15	16.0	740	2.83	19.7	883	3.89	26	1019	4.70	32	-	-	-
7400	1801	448	1.26	10.5	473	1.34	11.4	552	1.68	13.5	651	2.21	16.0	743	2.92	20	884	4.07	27	1020	4.91	32	-	-	-
7600	1850	459	1.36	11.1	483	1.44	12.0	557	1.78	14.5	652	2.28	16.1	746	3.01	20	886	4.24	28	-	-	-	-	-	
7800	1899	470	1.47	11.8	493	1.55	12.8	562	1.88	15.6	653	2.36	16.2	749	3.10	20	888	4.41	29	-	-	-	-	-	
8000	1948	481	1.58	12.4	503	1.66	13.9	568	1.98	17.0	655	2.45	16.3	750	3.18	20	891	4.57	31	-	-	-	-	-	
8200	1996	492	1.69	13.1	513	1.78	15.1	574	2.09	18.1	658	2.55	16.5	751	3.26										



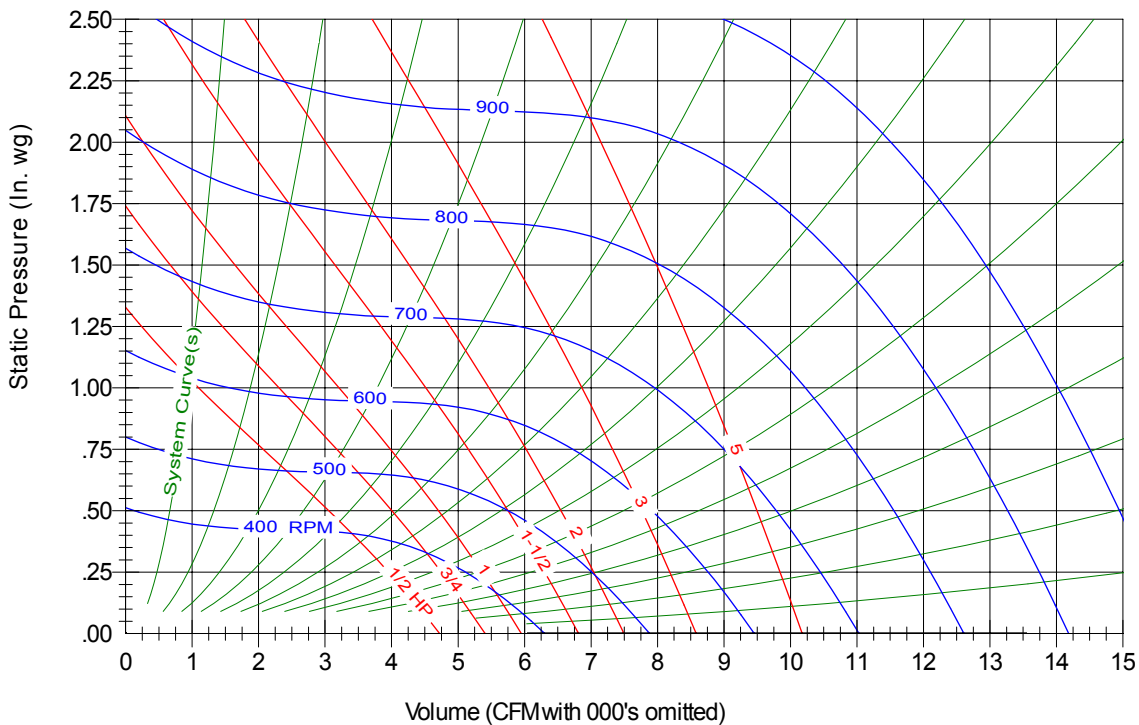
215 & 9215

215 - Max. 3 HP, 184T Frame 1" Shaft
 9215 - Max. 5 HP, 184T Frame 1" Shaft
 Wheel Dia, 15.25" Tip Speed: 3.99 X RPM = FPM



218 & 9218

218 - Max. 5 HP, 184T Frame 1" Shaft
 9218 - Max. 5 HP, 256T Frame 1" Shaft
 Wheel Dia, 18.19" Tip Speed: 4.76 X RPM = FPM



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. Some values not documented in unlisted areas. Twin unit data is derived from tests of single width fans.



218 - Max. 5 HP, 184T Frame 1" Shaft
 9218 - Max. 5 HP, 256T Frame 1" Shaft

218 & 9218

Wheel Dia, 18.19" Tip Speed: 4.76 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	972	255	0.20	3.0	321	0.29	6.3	429	0.47	--	533	0.72	--	615	0.97	--	748	1.50	--	860	2.06	--	957	2.68	--
3200	1037	264	0.23	3.7	325	0.33	7.6	428	0.51	--	531	0.77	--	616	1.03	--	750	1.59	--	861	2.16	--	959	2.79	--
3400	1102	273	0.27	4.8	330	0.36	5.0	432	0.56	--	529	0.82	--	615	1.10	--	751	1.67	--	863	2.27	--	961	2.91	--
3600	1167	282	0.31	6.5	336	0.41	5.4	437	0.61	--	526	0.86	--	614	1.16	--	753	1.76	--	865	2.39	--	963	3.03	--
3800	1232	292	0.35	8.9	343	0.45	6.0	442	0.67	8.0	523	0.89	--	613	1.22	--	754	1.84	--	867	2.50	--	965	3.17	--
4000	1297	302	0.40	10.1	351	0.50	6.6	448	0.74	8.6	526	0.97	--	610	1.28	--	754	1.93	--	868	2.62	--	967	3.32	--
4200	1362	312	0.45	11.0	359	0.56	7.2	452	0.81	9.1	530	1.04	--	607	1.33	--	754	2.03	--	869	2.73	--	969	3.46	--
4400	1426	323	0.51	6.0	367	0.61	7.8	457	0.88	9.7	534	1.12	--	604	1.38	--	752	2.13	--	870	2.84	--	970	3.60	--
4600	1491	334	0.58	6.6	376	0.68	8.5	462	0.95	10.3	540	1.21	11.7	606	1.48	--	751	2.22	--	871	2.96	--	971	3.75	--
4800	1556	345	0.65	7.4	385	0.75	9.2	466	1.02	9.8	546	1.31	12.5	610	1.58	--	749	2.31	--	870	3.09	--	972	3.89	--
5000	1621	356	0.72	8.2	395	0.83	9.9	473	1.11	10.3	551	1.41	13.5	615	1.69	--	746	2.39	--	869	3.22	--	973	4.03	--
5200	1686	367	0.80	8.9	404	0.91	10.5	479	1.20	10.8	555	1.51	15.0	620	1.80	14.4	742	2.46	--	868	3.35	--	973	4.18	--
5400	1751	378	0.89	9.7	414	1.01	11.1	487	1.29	11.3	560	1.61	17.2	627	1.92	15.4	739	2.55	--	866	3.47	--	973	4.35	--
5600	1816	390	0.98	10.6	424	1.10	11.6	494	1.39	11.8	565	1.72	20	632	2.05	16.9	742	2.69	--	864	3.58	--	972	4.51	--
5800	1881	401	1.08	11.4	435	1.21	12.1	502	1.50	12.4	569	1.84	14.4	636	2.18	18.3	746	2.84	--	861	3.69	--	971	4.67	--
6000	1945	413	1.19	12.1	445	1.32	12.6	510	1.61	13.0	575	1.95	14.7	641	2.32	20	750	3.00	--	857	3.79	--	969	4.82	--
6200	2010	424	1.30	12.9	456	1.44	12.3	519	1.73	13.7	581	2.08	15.2	646	2.46	23	755	3.16	--	853	3.89	--	967	4.96	--
6400	2075	436	1.42	13.7	466	1.56	13.1	527	1.85	14.4	588	2.22	15.7	650	2.61	25	761	3.33	20	856	4.08	--	--	--	--
6600	2140	448	1.55	14.6	477	1.70	14.0	536	1.98	15.2	595	2.36	16.4	655	2.75	17.5	767	3.52	21	859	4.27	--	--	--	--
6800	2205	460	1.69	15.4	488	1.84	14.8	545	2.13	16.5	603	2.51	17.1	660	2.90	17.9	772	3.71	22	863	4.48	--	--	--	--
7000	2270	472	1.83	16.2	499	1.98	15.6	552	2.28	18.8	611	2.66	18.2	666	3.07	18.4	777	3.91	23	868	4.69	--	--	--	--
7200	2335	484	1.98	17.0	510	2.14	16.4	564	2.45	22	619	2.83	19.2	673	3.24	19.1	782	4.11	24	873	4.91	--	--	--	--
7400	2399	496	2.14	17.9	522	2.31	17.4	574	2.63	26	627	3.00	20	680	3.42	19.7	786	4.32	25	--	--	--	--	--	--
7600	2464	508	2.31	18.7	533	2.48	18.4	584	2.81	30	635	3.18	21	687	3.61	20	791	4.53	27	--	--	--	--	--	--

9218-2

9218 - 2 - Max. 10 HP, 256T Frame 1-3/16" Shaft
 Wheel Dia, 18.19" Tip Speed: 4.76 X RPM = FPM

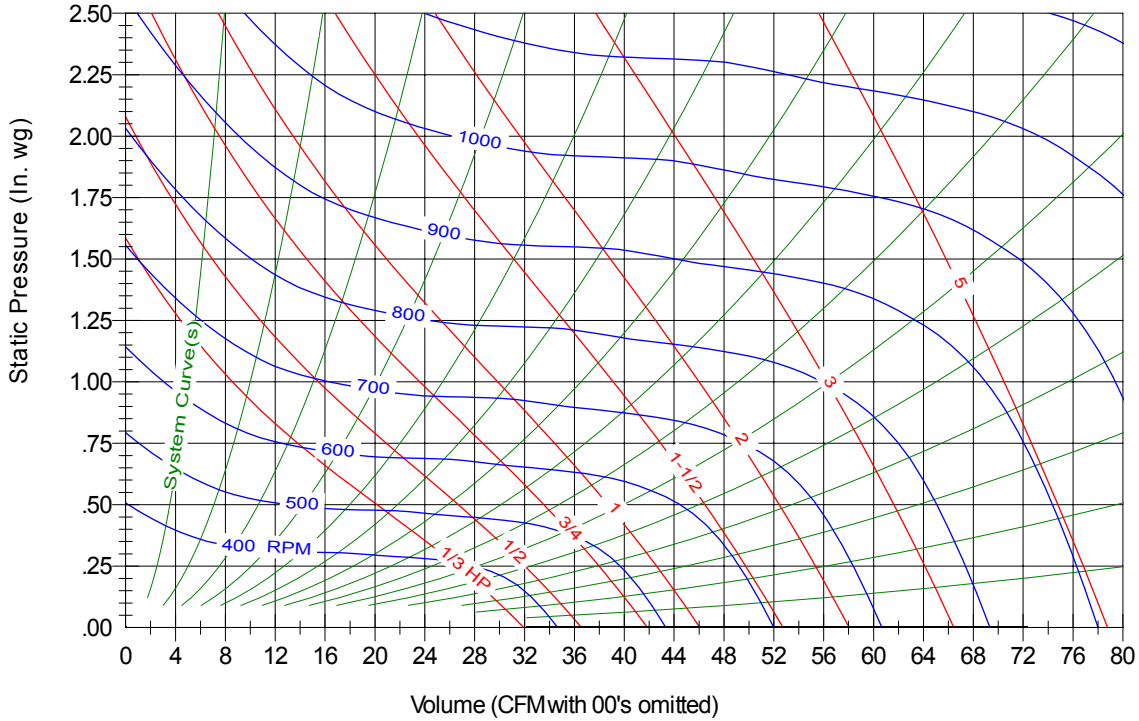
CFM	OUTLET VELOCITY FPM	1/8" SP			1/4" SP			1/2" SP			3/4" SP			1" SP			1-1/2" SP			2" SP			2-1/2" SP		
		RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES	RPM	BHP	SONES
6000	972	255	0.40	3.8	321	0.58	7.6	429	0.95	--	533	1.45	--	615	1.95	--	748	3.00	--	860	4.12	--	957	5.36	--
6400	1037	264	0.46	4.7	325	0.65	9.1	428	1.02	--	531	1.54	--	616	2.06	--	750	3.17	--	861	4.31	--	959	5.59	--
6800	1102	273	0.53	5.9	330	0.73	6.1	432	1.12	--	529	1.63	--	615	2.19	--	751	3.34	--	863	4.54	--	961	5.82	--
7200	1167	282	0.61	7.9	336	0.81	6.6	437	1.23	--	526	1.71	--	614	2.32	--	753	3.51	--	865	4.77	--	963	6.06	--
7600	1232	292	0.70	10.7	343	0.90	7.2	442	1.35	9.7	523	1.79	--	613	2.44	--	754	3.68	--	867	5.00	--	965	6.35	--
8000	1297	302	0.80	12.1	351	1.00	8.0	448	1.48	10.4	526	1.93	--	610	2.55	--	754	3.86	--	868	5.23	--	967	6.64	--
8400	1362	312	0.91	13.3	359	1.11	8.8	452	1.61	11.0	530	2.09	--	607	2.66	--	754	4.06	--	869	5.46	--	969	6.92	--
8800	1426	323	1.03	7.3	367	1.23	9.5	457	1.75	11.7	534	2.25	--	604	2.77	--	752	4.25	--	870	5.68	--	970	7.21	--
9200	1491	334	1.15	8.1	376	1.36	10.3	462	1.90	12.3	540	2.42	--	606	2.96	--	751	4.44	--	871	5.92	--	971	7.49	--
9600	1556	345	1.29	8.9	385	1.50	11.1	466	2.05	12.0	546	2.61	15.1	610	3.16	--	749	4.61	--	870	6.18	--	972	7.78	--
10000	1621	356	1.44	9.9	395	1.66	11.9	473	2.21	12.6	551	2.81	16.2	615	3.37	--	746	4.78	--	869	6.44	--	973	8.05	--
10400	1686	367	1.60	10.8	404	1.83	12.6	479	2.39	13.2	555	3.02	17.9	620	3.60	--	742	4.93	--	868	6.69	--	973	8.37	--
10800	1751	378	1.78	11.8	414	2.01	13.3	487	2.58	13.8	560	3.23	21.0	627	3.84	18.5	739	5.10	--	866	6.93	--	973	8.70	--
11200	1816	390	1.96	12.8	424	2.21	14.0	494	2.78	14.4	565	3.45	25.0	632	4.10	20	742	5.38	--	864	7.16	--	972	9.02	--
11600	1881	401	2.16	13.7	435	2.42	14.7	502	2.99	15.0	569	3.67	17.0	636	4.37	22	746	5.68	--	861	7.38	--	971	9.33	--
12000	1945	413	2.38	14.7	445	2.64	15.2	510	3.21	15.6	575	3.91	17.5	641	4.64	24	750	5.99	--	857	7.58	--	969	9.63	--
12400	2010	424	2.60	15.5	456	2.87	14.9	519	3.45	16.4	581	4.16	18.1	646	4.92	27	755	6.32	--	853	7.78	--	967	9.92	--
12800	2075	436	2.84	16.5	466	3.12	15.8	527	3.70	17.2	588	4.43	18.9	650	5.21	30	761	6.67	--	856	8.16	--	--	--	--
13200	2140	448	3.10	17.4	477	3.39	16.7	536	3.96	18.2	595	4.72	19.6	655	5.50	21	767	7.03	25	859	8.55	--	--	--	--
13600	2205	460	3.37	18.4	488	3.67	17.7	545	4.25	19.7	603	5.02	20	660	5.81	21	772	7.42	26	863	8.96	--	--	--	--
14000	2270	472	3.66	19.4	499	3.97	18.7	555	4.57	23	611	5.33	22	666	6.14	22	777	7.81	27	868	9.38	--	--	--	--
14400	2335	484	3.97	20	510	4.28	19.7	564	4.90	26	619	5.65	23	673	6.48	23	782	8.22	29	873	9.83	--	--	--	--
14800	2399	496	4.29	21	522	4.61	21	574	5.25	32	627	5.99	24	680	6.85	24	786	8.63	31	--	--	--	--	--	--
15200	2464	508	4.63	22	533	4.96	22	584	5.62	36	635	6.35	26	687	7.22	24	791	9.06	32	--	--	--	--	--	--

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.



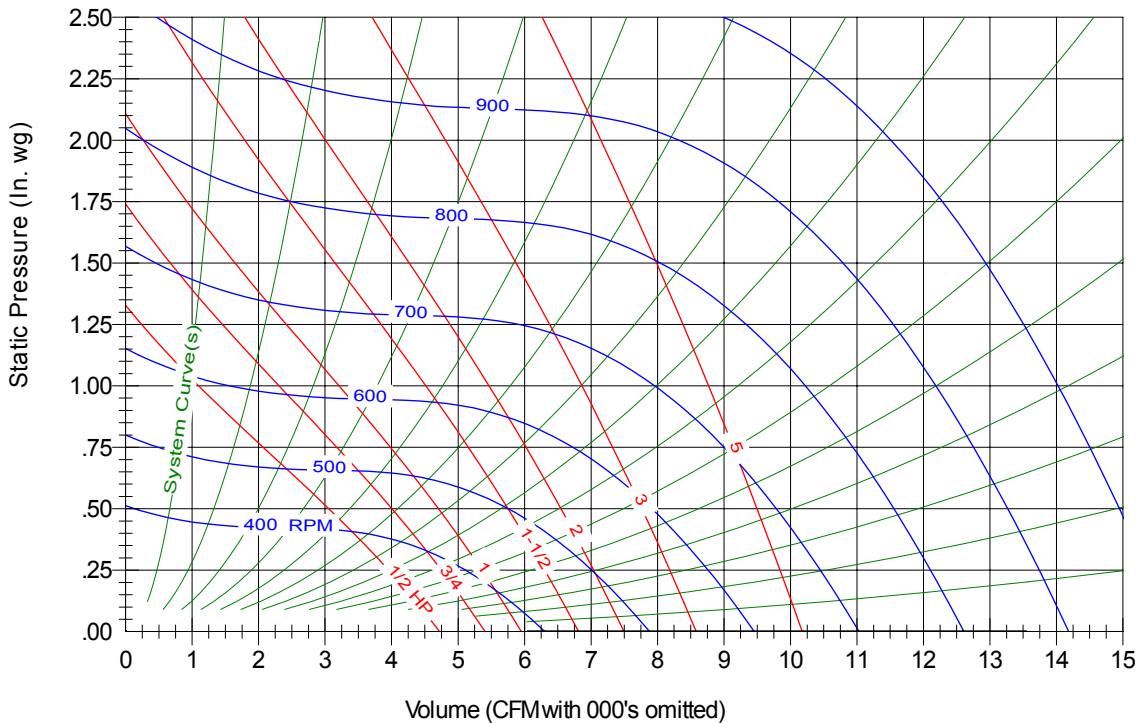
215 & 9215

215 - Max. 3 HP, 184T Frame 1" Shaft
 9215 - Max. 5 HP, 184T Frame 1" Shaft
 Wheel Dia, 15.25" Tip Speed: 3.99 X RPM = FPM



218 & 9218

218 - Max. 5 HP, 184T Frame 1" Shaft
 9218 - Max. 5 HP, 256T Frame 1" Shaft
 Wheel Dia, 18.19" Tip Speed: 4.76 X RPM = FPM



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. Some values not documented in unlisted areas. Twin unit data is derived from tests of single width fans.

9220

9220 - Max. 15 HP, 256T Frame 1-716" Shaft
Wheel Dia, 20.44" Tip Speed: 5.35 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
6000	1303	336	0.84	13.3	373	1.00	9.1	446	1.35	7.6	511	1.75	10.0	569	2.14	11.8	674	2.99	16.6	765	3.86	20	845	4.75	23
6250	1357	347	0.94	14.7	382	1.10	9.8	453	1.46	8.0	517	1.87	10.3	574	2.28	12.1	678	3.15	17.1	768	4.06	20	848	4.95	24
6500	1411	358	1.04	14.4	392	1.21	10.5	461	1.58	8.5	523	2.00	10.6	580	2.43	12.4	682	3.31	18.1	772	4.26	21	852	5.19	24
6750	1465	370	1.15	14.1	402	1.33	11.2	468	1.71	8.9	530	2.13	10.5	585	2.58	12.7	685	3.47	18.7	776	4.46	21	855	5.43	24
7000	1520	381	1.27	13.8	412	1.46	11.8	476	1.85	9.4	536	2.28	10.9	591	2.74	13.2	690	3.66	19.8	780	4.67	21	859	5.68	25
7250	1574	392	1.40	13.6	423	1.59	12.3	484	1.99	9.8	543	2.42	11.4	597	2.90	13.7	695	3.86	21	783	4.88	22	863	5.93	25
7500	1628	404	1.54	13.5	433	1.73	12.7	492	2.14	10.3	551	2.58	11.9	604	3.07	14.5	700	4.06	22	787	5.09	22	867	6.19	25
7750	1683	415	1.68	13.3	444	1.88	13.2	500	2.30	10.7	558	2.75	12.3	610	3.25	14.0	705	4.28	24	791	5.31	22	871	6.45	26
8000	1737	427	1.84	13.3	455	2.05	13.3	509	2.47	11.2	565	2.94	12.8	617	3.44	14.5	711	4.50	25	795	5.55	23	874	6.71	26
8250	1791	439	2.00	13.3	465	2.22	13.3	518	2.65	11.8	573	3.13	13.4	624	3.63	15.0	716	4.72	27	800	5.81	23	878	6.97	26
8500	1845	450	2.18	13.3	476	2.40	13.3	528	2.84	12.4	581	3.33	14.0	631	3.84	15.5	722	4.96	29	805	6.08	24	882	7.24	27
8750	1900	462	2.36	13.3	487	2.59	13.4	537	3.05	12.9	588	3.54	14.5	638	4.05	16.0	728	5.20	31	810	6.36	25	885	7.51	27
9000	1954	474	2.56	13.3	498	2.79	13.5	547	3.26	13.5	596	3.76	15.1	646	4.29	16.7	735	5.45	33	815	6.64	26	890	7.83	27
9250	2008	486	2.77	13.4	510	3.00	13.6	557	3.48	14.1	604	3.99	15.7	653	4.53	17.3	741	5.71	36	821	6.94	27	895	8.15	28
9500	2063	498	2.98	13.5	521	3.22	13.7	567	3.72	14.8	613	4.23	16.8	661	4.79	18.0	748	5.98	20	827	7.24	28	900	8.49	28
9750	2117	509	3.21	13.6	532	3.46	14.0	577	3.97	15.7	622	4.48	18.0	668	5.05	19.1	754	6.26	21	833	7.55	29	905	8.84	29
10000	2171	521	3.45	13.7	543	3.71	14.5	587	4.22	17.0	631	4.75	19.5	676	5.30	20	761	6.55	21	839	7.87	31	910	9.19	29
10250	2226	533	3.70	14.0	555	3.96	15.1	598	4.49	18.9	640	5.04	21	684	5.62	22	768	6.85	22	845	8.20	32	916	9.56	30
10500	2280	545	3.96	14.6	566	4.23	15.7	608	4.78	21	650	5.33	23	692	5.91	23	776	7.16	22	851	8.54	33	921	9.93	30
10750	2334	557	4.23	15.2	578	4.52	16.6	619	5.07	24	659	5.64	26	700	6.22	24	783	7.48	23	858	8.90	34	927	10.32	31
11000	2388	568	4.52	15.8	589	4.81	18.2	629	5.38	27	669	5.96	29	709	6.55	25	790	7.84	24	864	9.26	26	933	10.71	31
11250	2443	580	4.82	16.9	601	5.12	20	640	5.70	31	679	6.29	34	718	6.89	27	798	8.21	24	871	9.63	27	939	11.12	32
11500	2497	592	5.13	18.7	613	5.45	23	651	6.04	36	689	6.64	36	727	7.25	28	805	8.59	25	878	10.01	27	946	11.53	33
11750	2551	604	5.46	21	624	5.78	26	662	6.38	41	699	7.00	38	736	7.62	29	813	8.98	26	885	10.41	28	952	11.96	33
12000	2606	616	5.80	24	636	6.13	29	673	6.75	48	709	7.37	39	746	8.01	30	820	9.38	26	892	10.81	29	958	12.40	34

9220-2

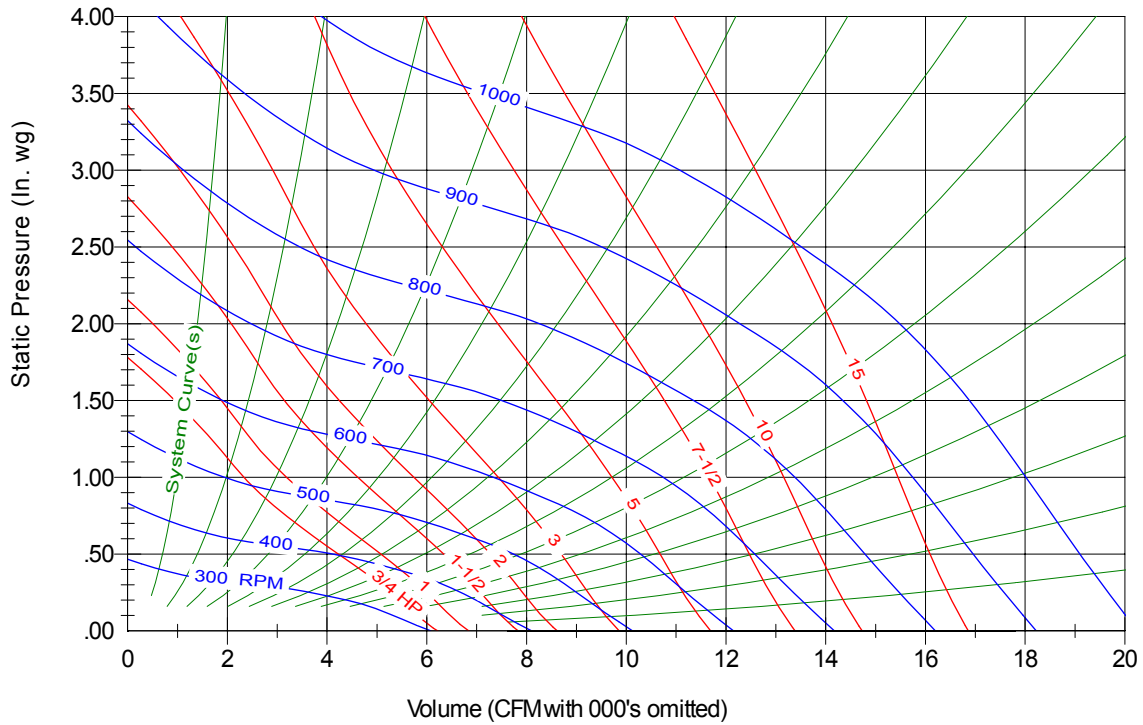
9220 - Max. 40 HP, 326T Frame 2-1/4" Shaft
Wheel Dia, 20.44" Tip Speed: 5.35 X RPM = FPM

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
12000	1303	336	1.69	16.0	373	2.00	11.0	446	2.70	9.2	511	3.50	12.1	569	4.29	14.4	674	5.99	19.8	765	7.72	24	845	9.50	28
12500	1357	347	1.88	17.9	382	2.21	11.8	453	2.92	9.6	517	3.74	12.5	574	4.57	14.7	678	6.30	20	768	8.11	24	848	9.89	29
13000	1411	358	2.09	17.3	392	2.43	12.6	461	3.16	10.3	523	4.00	12.9	580	4.86	15.0	682	6.62	22	772	8.52	25	852	10.38	29
13500	1465	370	2.31	16.9	402	2.66	13.3	468	3.42	10.8	530	4.27	13.0	585	5.16	15.4	685	6.95	22	776	8.92	25	855	10.87	29
14000	1520	381	2.55	16.6	412	2.91	14.1	476	3.69	11.3	536	4.55	13.3	591	5.47	15.9	690	7.32	24	780	9.34	25	859	11.36	30
14500	1574	392	2.80	16.3	423	3.18	14.7	484	3.97	11.9	543	4.85	13.9	597	5.80	16.5	695	7.72	25	783	9.76	26	863	11.87	30
15000	1628	404	3.08	16.2	433	3.47	15.3	492	4.27	12.5	551	5.16	14.5	604	6.15	17.3	700	8.13	27	787	10.19	26	867	12.38	31
15500	1683	415	3.37	16.1	444	3.77	15.8	500	4.59	13.1	558	5.50	15.0	610	6.51	16.9	705	8.55	29	791	10.62	27	871	12.89	31
16000	1737	427	3.68	15.9	455	4.09	15.9	509	4.94	13.7	565	5.87	15.5	617	6.88	17.4	711	8.99	31	795	11.10	27	874	13.42	31
16500	1791	439	4.01	15.7	465	4.43	15.9	518	5.30	14.3	573	6.26	16.2	624	7.27	17.9	716	9.45	33	800	11.62	28	878	13.95	32
17000	1845	450	4.36	15.9	476	4.79	16.0	528	5.69	15.1	581	6.66	16.8	631	7.67	18.6	722	9.92	35	805	12.16	29	882	14.48	32
17500	1900	462	4.73	15.9	487	5.17	16.1	537	6.09	15.7	588	7.08	17.4	638	8.09	19.2	728	10.40	38	810	12.71	30	885	15.02	32
18000	1954	474	5.12	16.0	498	5.58	16.2	547	6.52	16.4	596	7.52	18.1	646	8.57	20	735	10.91	41	815	13.28	31	890	15.65	33
18500	2008	486	5.53	16.1	510	6.00	16.4	557	6.97	17.1	605	7.97	18.9	653	9.06	21	741	11.43	43	821	13.87	33	895	16.31	33
19000	2063	498	5.97	16.2	521	6.45	16.6	567	7.44	18.0	613	8.45	20	661	9.58	22	748	11.97	24	827	14.48	34	900	16.98	34
19500	2117	509	6.42	16.4	532	6.92	17.1	577	7.93	18.9	622	8.97	22	668	10.11	23	754	12.53	25	833	15.10	36	905	17.67	34
20000	2171	521	6.90	16.6	543	7.41	17.7	587	8.45	20	631	9.51	23	676	10.66	24	761	13.10	25	839	15.75	37	910	18.38	35
20500	2226	533	7.40	17.1	555	7.93	18.3	598	8.99	22	640	10.07	25	684	11.24	26	768	13.70	26	845	16.41	39	916	19.11	36
21000	2280	545	7.92	17.8	566	8.47	19.0	608	9.55	25	650	10.66	28	692	11.83	28	776	14.32	27	851	17.09	40	921	19.86	36
21500	2334	557	8.47	18.4	578	9.03	20	619	10.14	29	659	11.28	31	700	12.45	29	783	14.96	28	858	17.79	42	927	20.63	37
22000	2388	568	9.04	19.1	589	9.63	21	629	10.76	33	669	11.92	36	709	13.10	30	790	15.68	28	864	18.52	31	933	21.42	38
22500	2443	580	9.64	20	601	10.25	24	640	11.40	38	679	12.58	41	718	13.79	32	798	16.41	29	871	19.26	32	939	22.23	39
23000	2497	592	10.26	22	613	10.89	28	651	12.07	43	689	13.28	44	727	14.50	34	805	17.17	30	878	20.03	33	946	23.07	40
23500	2551	604	10.91	25	624	11.57	31	662	12.77	50	699	14.00	47	736	15.25	35	813	17.96	31	885	20.82	34	952	23.92	40
24000	2606	616	11.59	28	636	12.27	36	673	13.50	59	709	14.75	49	746	16.02	37	820	18.76	32	892	21.63	34	958	24.80	41

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

9220

9220 - Max. 15 HP, 256T Frame 1-716" Shaft
 Wheel Dia, 20.44" Tip Speed: 5.35 X RPM = FPM



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.
 Some values not documented in unlisted areas. Twin unit data is derived from tests of single width fans.