Performance Data

1050 and 1075 Series

Size	Eff. Area (ft^2)	Velocity Duct Pt	300 0.007	400 0.010	600 0.023	800 0.040	1000 0.064	1200 0.090	1400 0.123	1600 0.160
8x4	0.147	CFM	44	59	88	118	147	176	206	235
8x6	0.220	CFM	66	88	132	176	220	264	309	353
8x8	0.294	CFM	88	118	176	235	294	353	411	470
10x4	0.197	CFM	59	79	118	157	197	236	275	315
10x6	0.295	CFM	89	118	177	236	295	354	413	472
10x8	0.393	CFM	118	157	236	315	393	472	551	629
10x10	0.492	CFM	148	197	295	393	492	590	688	787
12x4	0.239	CFM	72	96	143	191	239	287	335	382
12x10	0.598	CFM	179	239	359	478	598	717	837	956
14x4	0.278	CFM	83	111	167	222	278	334	389	445
14x12	0.834	CFM	250	334	500	667	834	1001	1168	1335
16x4	0.284	CFM	85	114	171	228	284	341	398	455
16x6	0.427	CFM	128	171	256	341	427	512	597	683
16x8	0.569	CFM	171	228	341	455	569	683	796	910
16x10	0.711	CFM	213	284	427	569	711	853	995	1138
16x12	0.853	CFM	256	341	512	683	853	1024	1194	1365
16x14	0.995	CFM	299	398	597	796	995	1194	1393	1593
16x16	1.138	CFM	341	455	683	910	1138	1365	1593	1820
18x4	0.353	CFM	106	141	212	283	353	424	495	565
18x6	0.530	CFM	159	212	318	424	530	636	742	848
18x8	0.707	CFM	212	283	424	565	707	848	990	1131
18x10	0.884	CFM	265	353	530	707	884	1060	1237	1414
18x12	1.060	CFM	318	424	636	848	1060	1272	1484	1696
18x14	1.237	CFM	371	495	742	990	1237	1484	1732	1979
18x16	1.414	CFM	424	565	848	1131	1414	1696	1979	2262
18x18	1.590	CFM	477	636	954	1272	1590	1908	2226	2544
20x4	0.353	CFM	106	141	212	283	353	424	494	565
20x6	0.530	CFM	159	212	318	424	530	636	742	848
20x8	0.706	CFM	212	283	424	565	706	848	989	1130
20x10	0.883	CFM	265	353	530	706	883	1060	1236	1413
20x12	1.060	CFM	318	424	636	848	1060	1272	1483	1695
20x14	1.236	CFM	371	494	742	989	1236	1483	1731	1978
20x16	1.413	CFM	424	565	848	1130	1413	1695	1978	2261
20x18	1.589	CFM	477	636	954	1272	1589	1907	2225	2543
20x20	1.766	CFM	530	706	1060	1413	1766	2119	2472	2826
24x4	0.422	CFM	127	169	253	338	422	506	591	675
24x6	0.633	CFM	190	253	380	506	633	760	886	1013
24x8	0.844	CFM	253	338	506	675	844	1013	1182	1351
24x10	1.055	CFM	317	422	633	844	1055	1266	1477	1688
24x12	1.266	CFM	380	506	760	1013	1266	1519	1773	2026
24x14	1.477	CFM	443	591	886	1182	1477	1773	2068	2363
24x16	1.688	CFM	506	675	1013	1351	1688	2026	2363	2701
24x18	1.899	CFM	570	760	1140	1519	1899	2279	2659	3039
24x20	2.110	CFM	633	844	1266	1688	2110	2532	2954	3376
24x24	2.532	CFM	760	1013	1519	2026	2532	3039	3545	4052
25x12	1.265	CFM	380	506	759	1012	1265	1518	1771	2024

Performance Data

1050 and 1075 Series

Size	Eff. Area (ft^2)	Velocity Duct Pt	300 0.007	400 0.010	600 0.023	800 0.040	1000 0.064	1200 0.090	1400 0.123	1600 0.160
25x14	1.476	CFM	443	590	886	1181	1476	1771	2066	2361
25x16	1.687	CFM	506	675	1012	1349	1687	2024	2361	2699
25x18	1.898	CFM	569	759	1139	1518	1898	2277	2657	3036
25x20	2.108	CFM	633	843	1265	1687	2108	2530	2952	3373
30x6	0.874	CFM	262	349	524	699	874	1048	1223	1398
30x8	1.165	CFM	349	466	699	932	1165	1398	1631	1864
30x10	1.456	CFM	437	582	874	1165	1456	1747	2038	2329
30x12	1.747	CFM	524	699	1048	1398	1747	2096	2446	2795
30x14	2.038	CFM	611	815	1223	1631	2038	2446	2853	3261
30x16	2.329	CFM	699	932	1398	1864	2329	2795	3261	3727
30x18	2.621	CFM	786	1048	1572	2096	2621	3145	3669	4193
30x20	2.912	CFM	874	1165	1747	2329	2912	3494	4076	4659
30x24	3.494	CFM	1048	1398	2096	2795	3494	4193	4892	5591
30x30	4.368	CFM	1310	1747	2621	3494	4368	5241	6115	6988
36x6	1.045	CFM	314	418	627	836	1045	1254	1463	1672
36x8	1.394	CFM	418	557	836	1115	1394	1672	1951	2230
36x10	1.742	CFM	523	697	1045	1394	1742	2091	2439	2787
36x12	2.091	CFM	627	836	1254	1672	2091	2509	2927	3345
36x14	2.439	CFM	732	976	1463	1951	2439	2927	3415	3902
36x16	2.787	CFM	836	1115	1672	2230	2787	3345	3902	4460
36x18	3.136	CFM	941	1254	1881	2509	3136	3763	4390	5017
36x20	3.484	CFM	1045	1394	2091	2787	3484	4181	4878	5575
36x24	4.181	CFM	1254	1672	2509	3345	4181	5017	5853	6690
36x30	5.226	CFM	1568	2091	3136	4181	5226	6272	7317	8362
36x36	6.272	CFM	1881	2509	3763	5017	6272	7526	8780	10035

Performance Notes:

1) Effective core areas listed in chart are defined as the measurement of space between the blades actually being utilized by the air

2) Data obtained from tests conducted in accordance with ANSI/ASHRAE standard 70-2006