



# Performance Data

## 1500 Series

Duct Size	Core Eff. Area (ft <sup>2</sup> )	Neck Velocity (FPM)	400	500	600	700	800	1000	1200	1400
		Velocity Pressure	.011	.017	.023	.031	.040	.062	.089	.122
10x10	0.545	CFM	218	273	327	382	436	545	654	763
12x12	0.795	CFM	318	398	477	557	636	795	954	1114
14x14	1.093	CFM	437	546	656	765	874	1093	1311	1530
16x16	1.437	CFM	575	719	862	1006	1150	1437	1724	2012
18x18	1.828	CFM	731	914	1097	1280	1463	1828	2194	2560
20x10	1.115	CFM	446	557	669	780	892	1115	1338	1561
20x12	1.345	CFM	538	673	807	942	1076	1345	1614	1883
20x14	1.576	CFM	630	788	945	1103	1261	1576	1891	2206
20x20	2.267	CFM	907	1133	1360	1587	1814	2267	2720	3174
24x10	1.343	CFM	537	671	806	940	1074	1343	1611	1880
24x12	1.620	CFM	648	810	972	1134	1296	1620	1944	2268
24x14	1.898	CFM	759	949	1139	1328	1518	1898	2277	2657
24x16	2.175	CFM	870	1088	1305	1523	1740	2175	2610	3045
24x18	2.453	CFM	981	1226	1472	1717	1962	2453	2943	3434
24x20	2.730	CFM	1092	1365	1638	1911	2184	2730	3276	3822
24x24	3.285	CFM	1314	1643	1971	2300	2628	3285	3942	4599
30x10	1.685	CFM	674	842	1011	1179	1348	1685	2021	2358
30x12	2.033	CFM	813	1016	1220	1423	1626	2033	2439	2846
30x14	2.381	CFM	952	1190	1429	1667	1905	2381	2857	3333
30x16	2.729	CFM	1092	1365	1637	1910	2183	2729	3275	3821
30x20	3.425	CFM	1370	1713	2055	2398	2740	3425	4110	4795
30x24	4.122	CFM	1649	2061	2473	2885	3297	4122	4946	5770
30x30	5.166	CFM	2066	2583	3100	3616	4133	5166	6199	7232
36x10	2.026	CFM	811	1013	1216	1418	1621	2026	2432	2837
36x12	2.445	CFM	978	1223	1467	1712	1956	2445	2934	3423
36x14	2.864	CFM	1146	1432	1718	2005	2291	2864	3437	4010
36x16	3.283	CFM	1313	1641	1970	2298	2626	3283	3939	4596
36x20	4.120	CFM	1648	2060	2472	2884	3296	4120	4944	5768
36x24	4.958	CFM	1983	2479	2975	3470	3966	4958	5949	6941
36x30	6.214	CFM	2486	3107	3729	4350	4971	6214	7457	8700



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36x36	7.471	CFM	2988	3735	4482	5229	5976	7471	8965	10459
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### 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