

Performance Data



AEC-FG1/AEC-FG2 Series

Duct Size	Core Eff. Area (ft ²)	Neck Velocity (FPM) Velocity Pressure	400	500	600	700	800	900	1000
			.032	.048	0.07	.092	0.12	0.14	0.16
8x8	0.352	CFM	141	176	211	246	281	316	352
10x10	0.564	CFM	226	282	338	395	451	508	564
12x12	0.827	CFM	331	413	496	579	661	744	827
14x14	1.139	CFM	456	570	683	797	911	1025	1139
20x12	1.402	CFM	561	701	841	981	1121	1261	1402
16x16	1.502	CFM	601	751	901	1051	1201	1351	1502
20x14	1.645	CFM	658	823	987	1152	1316	1481	1645
24x12	1.689	CFM	676	845	1013	1182	1351	1520	1689
18x18	1.914	CFM	766	957	1148	1340	1531	1723	1914
24x14	1.983	CFM	793	991	1190	1388	1586	1785	1983
25x14	2.067	CFM	827	1034	1240	1447	1654	1860	2067
30x12	2.120	CFM	848	1060	1272	1484	1696	1908	2120
20x20	2.377	CFM	951	1188	1426	1664	1901	2139	2377
30x14	2.489	CFM	996	1245	1493	1742	1991	2240	2489
24x20	2.864	CFM	1146	1432	1718	2005	2291	2578	2864
25x20	2.986	CFM	1194	1493	1792	2090	2389	2687	2986
24x24	3.452	CFM	1381	1726	2071	2416	2761	3106	3452
30x20	3.595	CFM	1438	1798	2157	2517	2876	3236	3595
30x24	4.333	CFM	1733	2166	2600	3033	3466	3900	4333
36x24	5.214	CFM	2086	2607	3128	3650	4171	4693	5214
30x30	5.439	CFM	2176	2720	3263	3807	4351	4895	5439
36x36	7.877	CFM	3151	3938	4726	5514	6301	7089	7877
48x48	14.102	CFM	5641	7051	8461	9871	11281	12691	14102

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