Performance Data

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AEC Series

Duct Size	Core Eff. Area (ft^2)	Neck Velocity (FPM) / Velocity Pressure	400 / 0.032	500 / 0.048	600 / 0.07	700 / 0.092	800 / 0.12	1000 / 0.14	1200 / 0.16
6x6	0.189	CFM	76	95	113	132	151	189	227
		NC	<20	<20	<20	<20	20-25	25-30	25-30
8x8	0.352	CFM	141	176	211	246	281	352	422
		NC	<20	20-25	20-25	25-30	25-30	30	30
14x6	0.464	CFM	186	232	278	325	371	464	557
		NC	<20	25	25-30	25-30	30	30	35
10x10	0.564	CFM	226	282	338	395	451	564	677
		NC	<20	25	25-30	25-30	30	30	35
12x12	0.827	CFM	331	413	496	579	661	827	992
		NC	<20	25	25-30	25-30	30	30	35
14x14	1.139	CFM	456	570	683	797	911	1139	1367
		NC	<20	25	25-30	25-30	30	30	35
16x16	1.502	CFM	601	751	901	1051	1201	1502	1802
		NC	<20	25	25-30	25-30	30	30	35
24x12	1.689	CFM	676	845	1013	1182	1351	1689	2027
		NC	<20	25	25-30	25-30	30	30	35
18x18	1.914	CFM	766	957	1148	1340	1531	1914	2297
		NC	<20	25	25-30	25-30	30	30	35
30x12	2.120	CFM	848	1060	1272	1484	1696	2120	2544
		NC	<20	25	25-30	25-30	30	30	35
20x20	2.377	CFM	951	1188	1426	1664	1901	2377	2852
		NC	<20	25	25-30	25-30	30	30	35
36x12	2.552	CFM	1021	1276	1531	1786	2041	2552	3062
		NC	<20	25	25-30	25-30	30	30	35
22x22	2.889	CFM	1156	1445	1733	2022	2311	2889	3467
		NC	20	25	25-30	25-30	30	35	40
18x30	3.227	CFM	1291	1613	1936	2259	2581	3227	3872
		NC	20	25	25-30	25-30	30	35	40
24x24	3.452	CFM	1381	1726	2071	2416	2761	3452	4142
		NC	20	25	25-30	25-30	30	35	40
30x20	3.595	CFM	1438	1798	2157	2517	2876	3595	4314
		NC	20	25	25-30	25-30	35	35	40
30x24	4.333	CFM	1733	2166	2600	3033	3466	4333	5199
		NC	20	25	25-30	25-30	35	35	40
36x24	5.214	CFM	2086	2607	3128	3650	4171	5214	6257
		NC	20	25	25-30	25-30	35	40	45
30x30	5.439	CFM	2176	2720	3263	3807	4351	5439	6527
		NC	20	25	25-30	25-30	35	40	45
36x36	7.877	CFM	3151	3938	4726	5514	6301	7877	9452
		NC	20	25	30	35	35	40	45
48x48	14.102	CFM	5641	7051	8461	9871	11281	14102	16922
		NC	20	25	30	35	35	40	45

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