

Performance Data



645 Series

Duct Size	Core Eff. Area (ft ²)	Neck Velocity (FPM)	400	500	600	700	800	1000	1200
			Velocity Pressure	0.032	0.048	0.07	0.092	0.12	0.14
6x6	0.202	CFM	81	101	121	141	162	202	242
		NC	<20	<20	<20	<20	20-25	25	25
8x8	0.367	CFM	147	184	220	257	294	367	440
		NC	<20	<20	<20	20	25	25	30
10x10	0.581	CFM	232	290	349	407	465	581	697
		NC	<20	<20	20	20	25	25	30
12x12	0.844	CFM	337	422	506	591	675	844	1012
		NC	<20	<20	20	20	25	25	30
14x14	1.155	CFM	462	578	693	809	924	1155	1386
		NC	<20	20	20	20	25	25	30
16x16	1.516	CFM	606	758	910	1061	1213	1516	1819
		NC	<20	20	20	20	25	25	30
24x12	1.705	CFM	682	853	1023	1194	1364	1705	2046
		NC	<20	20	20	25	25	30	35
18x18	1.925	CFM	770	963	1155	1348	1540	1925	2310
		NC	<20	20	20	25	30	30	35
20x20	2.384	CFM	953	1192	1430	1669	1907	2384	2860
		NC	<20	20	25	25	30	30	35
22x22	2.891	CFM	1156	1445	1735	2024	2313	2891	3469
		NC	20	20	25	25	30	30	35
24x24	3.447	CFM	1379	1724	2068	2413	2758	3447	4136
		NC	20	20	25	25	30	35	40

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