

Performance Data



645FG1, 645FG2, 645FG4 Series

Duct Size	Core Eff. Area (ft ²)	Neck Velocity (FPM)		400	500	600	700	800	900	1000
		Velocity Pressure	CFM	0.032	0.048	0.070	0.092	0.120	0.140	0.160
8x8	0.367	CFM	147	184	220	257	294	330	367	
10x10	0.581	CFM	232	290	349	407	465	523	581	
12x12	0.844	CFM	337	422	506	591	675	759	844	
14x14	1.155	CFM	462	578	693	809	924	1040	1155	
20x12	1.418	CFM	567	709	851	993	1135	1276	1418	
16x16	1.516	CFM	606	758	910	1061	1213	1364	1516	
20x14	1.660	CFM	664	830	996	1162	1328	1494	1660	
24x12	1.705	CFM	682	853	1023	1194	1364	1535	1705	
18x18	1.925	CFM	770	963	1155	1348	1540	1733	1925	
24x14	1.996	CFM	798	998	1197	1397	1597	1796	1996	
25x14	2.080	CFM	832	1040	1248	1456	1664	1872	2080	
30x12	2.136	CFM	854	1068	1282	1495	1709	1923	2136	
20x20	2.384	CFM	953	1192	1430	1669	1907	2145	2384	
30x14	2.500	CFM	1000	1250	1500	1750	2000	2250	2500	
25x20	2.987	CFM	1195	1494	1792	2091	2390	2688	2987	
24x24	3.447	CFM	1379	1724	2068	2413	2758	3102	3447	
30x20	3.591	CFM	1436	1795	2154	2513	2873	3232	3591	

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