

# Performance Data



## A550FG1, A550FG2, A550FG4 Series

Duct Size	Core Eff. Area (ft <sup>2</sup> )	Neck Velocity (FPM) Velocity Pressure	400	500	600	700	800	900
			.032	.048	.070	.092	.120	.140
8x8 12x6	0.355	CFM	142	177	213	248	284	319
10x10 14x8	0.569	CFM	228	285	341	398	455	512
12x12 22x6	0.834	CFM	333	417	500	583	667	750
14x14 24x8	1.148	CFM	459	574	689	804	919	1034
16x16 30x8	1.514	CFM	605	757	908	1060	1211	1362
18x18 20x16	1.929	CFM	772	965	1158	1350	1543	1736
20x20 25x16	2.361	CFM	945	1181	1417	1653	1889	2125
24x20 30x16	2.852	CFM	1141	1426	1711	1997	2282	2567
25x20 36x16	2.971	CFM	1188	1485	1782	2079	2377	2674
24x24 36x14	3.437	CFM	1375	1719	2062	2406	2750	3094
30x24	4.325	CFM	1730	2162	2595	3027	3460	3892
36x24	5.212	CFM	2085	2606	3127	3648	4170	4691
30x30	5.429	CFM	2172	2714	3257	3800	4343	4886
36x36	7.873	CFM	3149	3937	4724	5511	6299	7086
48x48	14.122	CFM	5649	7061	8473	9886	11298	12710

### 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 with ANSI/ASHRAE standard 70-2006
- 2) Data obtained from tests conducted in accordance