

# Performance Data



## 935FG1, 935FG2, 935FG4 Series

Duct Size	Core Eff. Area (ft <sup>2</sup> )	Neck Velocity (FPM) Velocity Pressure	300	400	500	600	700	800	900
			0.007	0.01	0.023	0.04	0.064	0.09	0.123
10x10	0.569	CFM	171	228	285	341	398	455	512
12x12	0.834	CFM	250	333	417	500	583	667	750
14x14	1.148	CFM	345	459	574	689	804	919	1034
16x16	1.514	CFM	454	605	757	908	1060	1211	1362
18x18	1.929	CFM	579	772	965	1158	1350	1543	1736
20x12	1.393	CFM	418	557	696	836	975	1114	1253
20x14	1.635	CFM	490	654	817	981	1144	1308	1471
20x16	1.877	CFM	563	751	938	1126	1314	1502	1689
20x20	2.361	CFM	708	945	1181	1417	1653	1889	2125
24x12	1.682	CFM	505	673	841	1009	1177	1346	1514
24x14	1.975	CFM	592	790	987	1185	1382	1580	1777
24x16	2.267	CFM	680	907	1134	1360	1587	1814	2040
24x20	2.852	CFM	856	1141	1426	1711	1997	2282	2567
25X12	1.752	CFM	526	701	876	1051	1226	1402	1577
25X14	2.057	CFM	617	823	1028	1234	1440	1645	1851
25X16	2.361	CFM	708	945	1181	1417	1653	1889	2125
25X20	2.971	CFM	891	1188	1485	1782	2079	2377	2674
30x12	2.116	CFM	635	847	1058	1270	1481	1693	1905
30x14	2.484	CFM	745	994	1242	1491	1739	1988	2236
30x16	2.852	CFM	856	1141	1426	1711	1997	2282	2567
30x20	3.589	CFM	1077	1435	1794	2153	2512	2871	3230
36x20	4.325	CFM	1297	1730	2162	2595	3027	3460	3892
40X20	4.816	CFM	1445	1926	2408	2889	3371	3853	4334

**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