Performance Data

SHOEMAKER MANUFACTURING

935FG1, 935FG2, 935FG4 Series

Duct Size	Core Eff. Area (ft^2)	Neck Velocity (FPM) Velocity Pressure	300 0.007	400 0.01	500 0.023	600 0.04	700 0.064	800 0.09	900 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	1.452	CFM	436	581	726	871	1016	1162	1307
20x14	1.688	CFM	506	675	844	1013	1182	1350	1519
20x16	1.917	CFM	575	767	959	1150	1342	1534	1725
20x20	2.361	CFM	708	945	1181	1417	1653	1889	2125
24x12	1.772	CFM	532	709	886	1063	1240	1418	1595
24x14	2.063	CFM	619	825	1032	1238	1444	1650	1857
24x16	2.348	CFM	704	939	1174	1409	1644	1878	2113
24x20	2.903	CFM	871	1161	1452	1742	2032	2322	2613
25X12	1.852	CFM	556	741	926	1111	1296	1482	1667
25X14	2.156	CFM	647	862	1078	1294	1509	1725	1940
25X16	2.456	CFM	737	982	1228	1474	1719	1965	2210
25X20	3.038	CFM	911	1215	1519	1823	2127	2430	2734
30x12	2.250	CFM	675	900	1125	1350	1575	1800	2025
30x14	2.625	CFM	788	1050	1313	1575	1838	2100	2363
30x16	2.994	CFM	898	1198	1497	1796	2096	2395	2695
30x20	3.715	CFM	1115	1486	1858	2229	2601	2972	3344
30x30	5.429	CFM	1629	2172	2715	3257	3800	4343	4886
36x20	4.528	CFM	1358	1811	2264	2717	3170	3622	4075
40X20	5.070	CFM	1521	2028	2535	3042	3549	4056	4563
24x24	3.437	CFM	1031	1375	1719	2062	2406	2750	3093

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