SHOEMAKER MANUFACTURING

Performance Data

1600-0 (0BD) Series

Size	Eff. Area (ft^2)	Velocity Duct Pt.	400 0.011	500 0.017	600 0.023	700 0.031	800 0.040	1000 0.062	1200 0.089	1400 0.120
4x10	0.201	CFM	80	101	121	141	161	201	241	281
4x12	0.243	CFM	97	121	146	170	194	243	291	340
4x14	0.284	CFM	114	142	170	199	227	284	341	398
4x20	0.409	CFM	163	204	245	286	327	409	490	572
4x24	0.492	CFM	197	246	295	344	393	492	590	689
4x30	0.616	CFM	247	308	370	431	493	616	740	863
6x10	0.309	CFM	124	155	186	216	247	309	371	433
6x12	0.373	CFM	149	187	224	261	299	373	448	522
6x14	0.437	CFM	175	219	262	306	350	437	524	612
6x20	0.629	CFM	252	314	377	440	503	629	755	880
6x24	0.757	CFM	303	378	454	530	605	757	908	1059
6x30	0.948	CFM	379	474	569	664	759	948	1138	1328
8x12	0.504	CFM	202	252	302	353	403	504	605	705
8x14	0.590	CFM	236	295	354	413	472	590	708	826
8x20	0.849	CFM	340	424	509	594	679	849	1019	1188
8x24	1.021	CFM	409	511	613	715	817	1021	1226	1430
9x30	1.280	CFM	512	640	768	896	1024	1280	1536	1792
10x14	0.743	CFM	297	372	446	520	594	743	892	1040
10x20	1.069	CFM	428	534	641	748	855	1069	1283	1497
10x24	1.286	CFM	515	643	772	900	1029	1286	1544	1801
10x30	1.612	CFM	645	806	967	1129	1290	1612	1935	2257
12x12	0.765	CFM	306	382	459	535	612	765	918	1071
12x20	1.289	CFM	516	645	773	902	1031	1289	1547	1805
12x24	1.551	CFM	620	776	931	1086	1241	1551	1861	2171
12x30	1.944	CFM	778	972	1166	1361	1555	1944	2333	2722
14x14	1.049	CFM	420	524	629	734	839	1049	1259	1469
14x20	1.509	CFM	604	755	905	1056	1207	1509	1811	2113
14x24	1.816	CFM	726	908	1090	1271	1453	1816	2179	2542
14x30	2.276	CFM	910	1138	1366	1593	1821	2276	2731	3186
16x16	1.361	CFM	544	680	816	952	1089	1361	1633	1905
18x18	1.758	CFM	703	879	1055	1230	1406	1758	2109	2461
20x20	2.169	CFM	868	1085	1302	1519	1735	2169	2603	3037
24x24	3.140	CFM	1256	1570	1884	2198	2512	3140	3768	4396

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