

# Performance Data



## 938 Series

Duct Size	Core Eff. Area (ft <sup>2</sup> )	Neck Velocity (FPM) Velocity Pressure	400	500	600	700	800	900	1000
			0.032	0.048	0.07	0.092	0.12	0.14	0.16
8x4	0.166	CFM	66	83	99	116	132	149	166
		NC	<20	<20	<20	20	20-25	25	30-35
6x6	0.191	CFM	76	95	115	134	153	172	191
		NC	<20	<20	<20	20	20-25	25-30	30-35
10x4	0.210	CFM	84	105	126	147	168	189	210
		NC	<20	<20	<20	20-25	25	25-30	30-35
8x6	0.260	CFM	104	130	156	182	208	234	260
		NC	<20	<20	<20	20-25	25	25-30	30-35
10x6	0.329	CFM	132	165	198	231	264	296	329
		NC	<20	<20	<20	20-25	25-30	30	35
8x8	0.355	CFM	142	177	213	248	284	319	355
		NC	<20	<20	20-25	25	25-30	30	35
12x6	0.399	CFM	159	199	239	279	319	359	399
		NC	<20	<20	20-25	25	25-30	30-35	35
14x6	0.468	CFM	187	234	281	328	374	421	468
		NC	<20	<20	20-25	25	30	30-35	35-40
10x10	0.569	CFM	228	285	341	398	455	512	569
		NC	<20	<20	20-25	25-30	25-30	30-35	35-40
14x8	0.638	CFM	255	319	383	447	510	574	638
		NC	<20	<20	20-25	25-30	30-35	30-35	35-40
12x12	0.834	CFM	333	417	500	583	667	750	834
		NC	<20	<20	20-25	25-30	30-35	35	35-40
14x14	1.148	CFM	459	574	689	804	919	1034	1148
		NC	<20	20-25	25	25-30	30-35	35	35-40
20x10	1.167	CFM	467	583	700	817	934	1050	1167
		NC	<20	20-25	25-30	30	30-35	35-40	40
18x12	1.268	CFM	507	634	761	887	1014	1141	1268
		NC	<20	20-25	25-30	30	30-35	35-40	40
16x16	1.514	CFM	605	757	908	1060	1211	1362	1514
		NC	<20	20-25	25-30	30	35	35-40	40
24x12	1.702	CFM	681	851	1021	1191	1362	1532	1702
		NC	<20	20-25	25-30	30-35	35	35-40	>40
18x18	1.929	CFM	772	965	1158	1350	1543	1736	1929
		NC	<20	20-25	25-30	30-35	35	35-40	>40
30x12	2.136	CFM	855	1068	1282	1495	1709	1923	2136
		NC	<20	20-25	25-30	30-35	35	35-40	>40
20x20	2.395	CFM	958	1198	1437	1677	1916	2156	2395
		NC	<20	20-25	25-30	30-35	35	40	>40
24x20	2.886	CFM	1154	1443	1732	2020	2309	2597	2886
		NC	<20	25	30	30-35	35-40	40	>40
22x22	2.911	CFM	1165	1456	1747	2038	2329	2620	2911
		NC	<20	25	30	30-35	35-40	40	>40
30x18	3.251	CFM	1300	1625	1951	2276	2601	2926	3251
		NC	<20	25	30	35	35-40	40	>40

# Performance Data



## 938 Series

Duct Size	Core Eff. Area (ft <sup>2</sup> )	Neck Velocity (FPM) Velocity Pressure	400	500	600	700	800	900	1000
			0.032	0.048	0.07	0.092	0.12	0.14	0.16
24x24	3.478	CFM	1391	1739	2087	2435	2782	3130	3478
		NC	<20	25-30	30	35	35-40	40	>40
30x20	3.622	CFM	1449	1811	2173	2536	2898	3260	3622
		NC	<20	25-30	30-35	35	35-40	40-45	>40
30x24	4.365	CFM	1746	2183	2619	3056	3492	3929	4365
		NC	20-25	25-30	30-35	35	35-40	40-45	>40
36x24	5.253	CFM	2101	2626	3152	3677	4202	4728	5253
		NC	20-25	25-30	30-35	35-40	35-40	40-45	45
30x30	5.480	CFM	2192	2740	3288	3836	4384	4932	5480
		NC	20-25	25-30	30-35	35-40	35-40	40-45	>45

### 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