

# Performance Data



## 4000 Series

Duct Size	Core Eff. Area (ft <sup>2</sup> )	Neck Velocity (FPM) Velocity Pressure	300	400	500	600	700	800	900
			0.026	0.032	0.048	0.07	0.092	0.12	0.14
8X4	0.104	CFM	31	42	52	63	73	83	94
		NC	<20	<20	<20	<20	20-25	25-30	30-35
12X8	0.299	CFM	90	120	150	180	210	240	270
		NC	<20	<20	<20	<20	20-25	25-30	30-35
10X10	0.305	CFM	92	122	153	183	214	244	275
		NC	<20	<20	<20	<20	20-25	25-30	30-35
12X10	0.369	CFM	111	148	185	222	259	295	332
		NC	<20	<20	<20	<20	20-25	25-30	30-35
16X8	0.404	CFM	121	161	202	242	283	323	363
		NC	<20	<20	<20	<20	20-25	25-30	30-35
12X12	0.439	CFM	132	176	220	264	307	351	395
		NC	<20	<20	<20	<20	20-25	25-30	30-35
16X10	0.498	CFM	149	199	249	299	349	398	448
		NC	<20	<20	<20	<20	20-25	25-30	30-35
18X10	0.562	CFM	169	225	281	337	393	450	506
		NC	<20	<20	<20	20-25	25-30	30-35	35-40
16X12	0.592	CFM	178	237	296	355	414	474	533
		NC	<20	<20	<20	20-25	25-30	30-35	35-40
14X14	0.598	CFM	179	239	299	359	418	478	538
		NC	<20	<20	<20	20-25	25-30	30-35	35-40
18X12	0.668	CFM	201	267	334	401	468	535	602
		NC	<20	<20	<20	20-25	25-30	30-35	35-40
16X14	0.686	CFM	206	274	343	412	480	549	618
		NC	<20	<20	<20	20-25	25-30	30-35	35-40
20X12	0.745	CFM	223	298	372	447	521	596	670
		NC	<20	<20	<20	20-25	25-30	30-35	35-40
16X16	0.780	CFM	234	312	390	468	546	624	702
		NC	<20	<20	<20	20-25	25-30	30-35	35-40
24X12	0.898	CFM	269	359	449	539	628	718	808
		NC	<20	<20	20-25	25-30	30-35	35-40	40-45
18X18	0.987	CFM	296	395	494	592	691	790	889
		NC	<20	<20	20-25	25-30	30-35	35-40	40-45
24X16	1.183	CFM	355	473	592	710	828	947	1065
		NC	<20	<20	20-25	25-30	30-35	35-40	40-45
20X20	1.219	CFM	366	488	609	731	853	975	1097
		NC	<20	<20	25-30	30-35	35	35-40	40-45
24X18	1.326	CFM	398	530	663	796	928	1061	1193
		NC	<20	<20	25-30	30-35	35	35-40	40-45
24X24	1.754	CFM	526	702	877	1053	1228	1403	1579
		NC	<20	20-25	25-30	30-35	35	35-40	40-45

**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