

# Performance Data



## 905 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	0.154	CFM			62	77	92	108	123	138	154
		NC			<20	<20	20-25	25-30	30-35	30-35	35
6x6	0.182	CFM			73	91	109	128	146	164	182
		NC			<20	<20	20-25	25-30	30-35	30-35	35
10x4	0.195	CFM			78	97	117	136	156	175	195
		NC			<20	<20	20-25	30	30-35	35	35-40
8x6	0.248	CFM			99	124	149	174	199	224	248
		NC			<20	<20	20-25	30	35	35	35-40
10x6	0.314	CFM			126	157	189	220	252	283	314
		NC			<20	20-25	30	30-35	35	35-40	40
8x8	0.343	CFM			137	171	206	240	274	309	343
		NC			<20	<20	20-25	30	35	35-40	40
12x6	0.381	CFM			152	190	228	266	304	342	381
		NC			<20	20-25	30	30-35	35	35-40	40
14x6	0.447	CFM			179	223	268	313	357	402	447
		NC			<20	25-30	30	30-35	35-40	40	40-45
10x10	0.554	CFM			222	277	332	388	443	499	554
		NC			20-25	25-30	30	30-35	35-40	40	40-45
14x8	0.617	CFM			247	308	370	432	493	555	617
		NC			20-25	25-30	30-35	35	40	40-45	45
12x12	0.815	CFM			326	408	489	571	652	734	815
		NC			20-25	25-30	30-35	35	35-40	40-45	45
14x14	1.127	CFM			451	564	676	789	902	1014	1127
		NC			20-25	30	30-35	35-40	40-45	40-45	>45
20x10	1.136	CFM			454	568	682	795	909	1023	1136
		NC			20-25	30-35	35	35-40	40-45	40-45	>45
18x12	1.240	CFM			496	620	744	868	992	1116	1240
		NC			20-25	30-35	35	35-40	40-45	40-45	>45
16x16	1.489	CFM			596	745	894	1042	1191	1340	1489
		NC			20-25	30	30-35	35-40	40-45	40-45	>45
24x12	1.665	CFM			666	833	999	1166	1332	1499	1665
		NC			25	30-35	35	35-40	40-45	40-45	<50
18x18	1.902	CFM			761	951	1141	1331	1521	1712	1902
		NC			25	30-35	35-40	35-40	40-45	45	>45
30x12	2.090	CFM			836	1045	1254	1463	1672	1881	2090
		NC			25	30-35	35-40	40	40-45	45-50	50
20x20	2.364	CFM			946	1182	1419	1655	1892	2128	2364
		NC			25-30	30-35	35-40	40	40-45	45-50	<50
24x20	2.849	CFM			1140	1425	1709	1994	2279	2564	2849
		NC			25-30	30-35	35-40	40-45	45	45-50	50
22x22	2.878	CFM			1151	1439	1727	2014	2302	2590	2878
		NC			25-30	35	35-40	40-45	45	45-50	50
30x18	3.204	CFM			1282	1602	1923	2243	2564	2884	3204
		NC			25-30	30-35	35-40	40-45	45	45-50	>50

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					0.032	0.048	0.07	0.092	0.12	0.14	0.16
24x24	3.441	CFM			1376	1721	2065	2409	2753	3097	3441
		NC	25-30		35	35-40	40-50	45-50	45-50	45-50	50
30x20	3.576	CFM			1430	1788	2146	2503	2861	3218	3576
		NC	25-30		30-35	35-40	40-45	45-50	45-50	45-50	>50
36x18	3.856	CFM			1542	1928	2313	2699	3085	3470	3856
		NC	25-30		35-40	40	40-45	45-50	45-50	45-50	>50
30x24	4.319	CFM			1728	2160	2591	3023	3455	3887	4319
		NC	25-30		35	35-40	40-45	45-50	45-50	50	>50
36x24	5.197	CFM			2079	2598	3118	3638	4158	4677	5197
		NC	25-30		35-40	40	40-45	45-50	45-50	50	50-55
30x30	5.434	CFM			2173	2717	3260	3804	4347	4890	5434
		NC	25-30		35-40	40	40-45	45-50	45-50	>50	>50
36x30	6.538	CFM			2615	3269	3923	4577	5230	5884	6538
		NC	30		35-40	40-45	45	50	50	>50	>50
48x24	6.953	CFM			2781	3476	4172	4867	5562	6258	6953
		NC	30		35-40	40-45	45	50	50	50-55	50-55
36x36	7.879	CFM			3152	3940	4728	5515	6303	7091	7879
		NC	30-35		35-40	40-45	45	50-55	50-55	50-55	55
48x36	10.541	CFM			4217	5271	6325	7379	8433	9487	10541
		NC	30-35		35-40	40-45	45-50	45-50	50-55	50-55	>55
48x48	14.130	CFM			5652	7065	8478	9891	11304	12717	14130
		NC	35		35-40	40-45	45-50	45-50	50-55	55	>55

### 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