

**SERIES XG-SG5500 PERFORMANCE DATA**  
**MODELS XG-SG5500S/XG-SG5500AL/XG-SG5500SS**

Size (in)	Nk Vel	100	150	200	250	300	350	400	450	500	600	700
Neck Area ft <sup>2</sup>	Ps	.002	.004	.008	.012	.018	.024	.032	.040	.049	.071	.096
06x06 .250	CFM	25	38	50	63	75	88	100	113	125	150	175
	Throws	1-2	1-2	1-3	1-4	1-5	2-6	3-7	3-8	3-9	4-11	5-12
	NC	-	-	-	-	-	11	15	19	23	29	33
09x09 .563	CFM	56	84	113	141	169	197	225	253	282	338	394
	Throws	1-2	1-3	1-5	2-6	3-8	4-10	5-12	6-13	7-14	8-16	8-18
	NC	-	-	-	-	12	17	22	26	29	35	40
12x12 1.000	CFM	100	150	200	250	300	350	400	450	500	600	700
	Throws	1-2	1-4	2-6	3-7	4-9	5-10	6-13	6-14	7-16	9-21	10-23
	NC	-	-	-	14	17	22	26	30	33	39	44
15x15 1.563	CFM	156	234	313	391	469	547	625	703	782	938	1094
	Throws	1-4	1-6	2-8	3-10	4-12	5-14	8-16	9-20	10-23	11-27	10-30
	NC	-	-	-	15	20	25	29	33	36	42	47
18x18 2.250	CFM	225	338	450	563	675	788	900	1013	1125	1350	1575
	Throws	1-4	2-7	3-11	3-14	4-16	6-19	8-22	10-25	11-28	13-32	14-36
	NC	-	-	11	18	24	29	33	37	40	46	50
21x21 3.063	CFM	306	459	613	766	919	1072	1225	1378	1532	1838	2144
	Throws	1-5	2-9	3-13	5-16	7-19	8-22	10-25	12-28	13-30	15-37	17-42
	NC	-	-	13	20	26	31	35	39	42	47	53
24x24 4.000	CFM	400	600	800	1000	1200	1400	1600	1800	2000	2400	2800
	Throws	1-5	2-9	4-14	6-18	8-22	10-25	12-29	14-32	16-36	18-43	20-47
	NC	-	-	15	22	28	33	37	41	44	50	54

**PERFORMANCE NOTES FOR SERIES XG-SG5500**

All data is tested in accordance with ANSI/ASHRAE 70-2006.

**DEFINITION OF UNITS**

CFM Cubic Feet per Minute (air)

Ps Static pressure =  $P_t - P_v$  (inches of water column)

Throw Throw distance in feet are for terminal velocities of 150 and 50 fpm respectively (4 Way Air Flow)NC

NC Noise criterion, sound pressure level ratings are based on sound power level (Lw) re:  $10^{-12}$  watts minus a 10dB room attenuation in all octave bands

Nk Vel Neck Velocity is the airstream velocity in the duct just before it reaches the supply outlet; measured in feet per minute