

PERFORMANCE DATA:

MODELS SG-6500 AND SG-6200

Nominal Neck Size	Neck Velocity, FPM	100	200	300	400	500	600	700
	Total Pressure	.006	.022	.049	.087	.134	.193	.270
6 x 6 .25 Sq. ft.	CFM	25	50	75	100	125	150	175
	Noise Criteria	–	–	–	–	23	30	34
	Throw	1-1-2	1-2-3	1-3-5	3-5-7	3-6-8	4-7-10	5-7-11
9 x 9 .56 Sq. ft.	CFM	55	110	170	225	280	335	390
	Noise Criteria	–	–	–	22	29	36	40
	Throw	1-1-2	1-3-5	3-5-7	5-7-10	6-8-12	7-10-15	8-10-17
12 x 12 1.0 Sq. ft.	CFM	100	200	300	400	500	600	700
	Noise Criteria	–	–	–	26	34	40	45
	Throw	1-1-2	2-4-5	4-6-9	6-9-12	7-10-15	9-13-20	10-13-21
15 x 15 1.56 Sq. ft.	CFM	155	310	470	625	780	935	1090
	Noise Criteria	–	–	21	29	37	43	48
	Throw	1-2-4	2-5-8	4-8-12	8-11-13	10-13-21	11-16-26	13-18-29
18 x 18 2.25 Sq. ft.	CFM	225	450	675	900	1125	1350	1575
	Noise Criteria	–	–	24	34	41	45	51
	Throw	1-2-4	3-7-11	5-9-15	8-12-20	11-16-27	13-19-31	14-21-35
21 x 21 3.06 Sq. ft.	CFM	305	610	920	1225	1530	1835	2140
	Noise Criteria	–	–	26	35	43	48	53
	Throw	1-3-5	3-8-12	7-11-18	10-15-24	13-20-29	15-22-36	17-24-40
24 x 24 4.0 Sq. ft.	CFM	400	800	1200	1600	2000	2400	2800
	Noise Criteria	–	–	28	37	44	50	54
	Throw	1-3-5	4-6-13	8-12-21	12-15-28	16-22-35	18-26-42	20-29-45

Performance Notes:

- All pressure are in inches w.g..
- Throws are given at 150, 100 and 50 fpm terminal velocities.
- Noise Criteria (NC) values are based upon 10dB room absorption, re 10⁻¹² watts. Dash (–) in space indicates an Noise Criteria of less than 15.
- Data derived from tests conducted in accordance with ANSI/ASHRAE Standard 70 – 2006.