

## PERFORMANCE DATA:

### MODEL SG-PR • SUPPLY

Neck Size	FPM	100	150	200	250	300	350	400	450	500
	Total Pressure	.005	.011	.020	.031	.044	.060	.079	.100	.123
6 x 6	CFM	25	38	50	63	75	88	100	113	125
	Noise Criteria	-	-	-	-	-	16	20	24	27
	Throw	1-2-5	2-3-7	3-5-10	4-6-12	5-7-12	5-8-13	6-10-14	7-11-15	8-12-16
9 x 6	CFM	38	56	75	94	113	131	150	169	188
	Noise Criteria	-	-	-	-	-	18	22	25	29
	Throw	2-3-6	3-4-9	4-6-12	5-7-14	6-9-15	7-10-17	8-12-18	9-13-19	10-14-20
12 x 6	CFM	50	75	100	125	150	175	200	225	250
	Noise Criteria	-	-	-	-	15	19	23	27	30
	Throw	2-3-7	3-5-10	4-7-13	6-9-16	7-10-18	8-12-10	9-13-21	10-15-22	12-16-24
15 x 6	CFM	63	94	125	156	188	219	250	281	313
	Noise Criteria	-	-	-	-	16	20	24	28	31
	Throw	2-4-8	4-6-12	5-8-17	6-10-18	8-12-20	9-13-22	10-15-24	12-17-25	13-18-27
18 x 6	CFM	75	113	150	188	225	263	300	338	375
	Noise Criteria	-	-	-	-	17	21	25	28	32
	Throw	2-4-8	4-6-12	5-8-16	7-11-20	8-12-22	10-14-24	11-16-26	12-18-28	13-20-29
21 x 6	CFM	88	131	175	219	263	306	350	394	438
	Noise Criteria	-	-	-	-	18	22	26	29	32
	Throw	3-4-9	4-7-13	6-9-18	7-11-22	9-13-24	11-15-26	12-18-28	13-20-29	14-22-31
24 x 6	CFM	100	150	200	250	300	350	400	450	500
	Noise Criteria	-	-	-	-	18	22	26	30	33
	Throw	3-5-10	5-7-14	6-10-19	8-12-24	10-14-26	11-16-28	13-19-29	14-21-33	16-24-34

9 x 9	CFM	56	84	113	141	169	197	225	253	281
	Noise Criteria	-	-	-	-	15	20	24	27	30
	Throw	2-3-7	3-5-11	5-7-14	6-9-17	7-11-19	8-12-21	10-14-22	11-16-24	12-17-25
12 x 9	CFM	75	113	150	188	225	263	300	338	375
	Noise Criteria	-	-	-	-	17	21	25	28	32
	Throw	2-4-8	4-6-12	5-8-16	7-11-20	8-12-22	10-14-24	11-16-26	12-18-28	13-20-29
15 x 9	CFM	94	141	188	234	281	328	375	422	469
	Noise Criteria	-	-	-	-	18	22	26	29	33
	Throw	3-4-9	4-7-13	6-9-18	8-12-23	9-13-25	11-16-27	12-18-29	13-21-30	15-23-32
18 x 9	CFM	113	169	225	281	338	394	450	506	563
	Noise Criteria	-	-	-	-	18	23	27	30	33
	Throw	3-5-10	5-8-15	7-10-20	9-12-25	10-15-28	12-17-29	13-20-31	15-23-33	17-25-35
21 x 9	CFM	131	197	263	328	394	459	525	591	656
	Noise Criteria	-	-	-	-	19	24	27	31	34
	Throw	3-5-11	5-8-16	7-11-22	9-13-27	11-16-29	12-19-32	14-22-34	16-25-36	18-27-38
24 x 9	CFM	150	225	300	375	450	525	600	675	750
	Noise Criteria	-	-	-	-	19	24	28	31	35
	Throw	4-6-12	6-9-17	8-12-23	10-14-29	12-17-31	13-20-34	15-23-36	17-27-39	19-29-41

12 x 12	CFM	100	150	200	250	300	350	400	450	500
	Noise Criteria	-	-	-	-	18	22	26	30	33
	Throw	3-5-10	5-7-14	6-10-19	8-12-24	10-14-26	11-16-28	12-19-29	14-21-31	16-24-33
15 x 12	CFM	125	188	250	313	375	438	500	563	625
	Noise Criteria	-	-	-	-	19	23	27	31	34
	Throw	3-5-11	5-8-16	7-11-21	9-13-27	11-16-29	12-18-31	14-21-33	16-24-35	18-27-37
18 x 12	CFM	150	225	300	375	450	525	600	675	750
	Noise Criteria	-	-	-	-	20	24	28	31	35
	Throw	4-6-12	6-9-17	8-12-23	10-14-29	12-17-31	13-20-34	15-23-36	17-27-39	19-29-41
21 x 12	CFM	175	263	350	438	525	613	700	788	875
	Noise Criteria	-	-	-	15	21	25	29	32	35
	Throw	4-6-12	6-10-19	8-13-25	11-15-31	12-19-34	14-22-37	16-25-39	19-29-42	21-32-44
24 x 12	CFM	200	300	400	500	600	700	800	900	1000
	Noise Criteria	-	-	-	15	21	25	29	33	36
	Throw	4-7-13	7-10-20	9-14-27	12-17-33	14-20-36	15-24-39	18-27-42	20-30-45	23-33-48

#### Performance Notes:

1. All pressure are in inches w.g..
2. Performance data is based on supply air and standard construction.
3. Throws are given at 150, 100 and 50 fpm terminal velocities under isothermal conditions.

4. Return Performance:  
Negative static pressure approximates to listed total pressure.  
Add + 2 to listed Noise Criteria value.
5. Noise Criteria (NC) values are based upon 10dB room absorption, re 10<sup>-12</sup> watts.

- Dash (-) in space indicates an Noise Criteria of less than 15.
6. Data derived from tests conducted in accordance with ANSI/ASHRAE Standard 70 – 2006.

## PERFORMANCE DATA:

### MODEL SG-PR • SUPPLY

Neck Size	FPM	100	150	200	250	300	350	400	450	500
	Total Pressure	.011	.026	.046	.072	.103	.141	.184	.232	.287
15 x 15	CFM	156	234	313	391	469	547	625	703	781
	Noise Criteria	–	–	–	–	20	24	28	32	35
	Throw	4-6-12	6-9-18	8-12-24	10-14-29	12-18-32	14-21-35	16-24-37	18-27-40	20-29-42
18 x 15	CFM	188	281	375	469	563	656	750	844	938
	Noise Criteria	–	–	–	15	21	25	29	32	35
	Throw	4-6-13	6-10-19	9-13-26	11-16-33	13-19-36	15-23-38	17-26-41	19-29-44	22-33-46
21 x 15	CFM	219	328	438	547	656	766	875	984	1094
	Noise Criteria	–	–	–	15	21	26	30	33	36
	Throw	5-7-14	7-11-22	10-14-28	12-17-35	14-21-38	16-25-42	19-29-44	21-31-47	24-35-50
24 x 15	CFM	250	375	500	625	750	875	1000	1125	1250
	Noise Criteria	–	–	–	16	22	26	30	34	37
	Throw	5-8-15	8-12-23	10-15-29	13-19-37	15-23-41	17-27-44	20-30-48	23-34-51	25-37-54
18 x 18	CFM	225	338	450	563	675	788	900	1013	1125
	Noise Criteria	–	–	–	16	21	26	30	33	36
	Throw	5-7-14	7-11-21	10-14-29	11-18-35	14-21-39	16-25-42	19-28-45	21-32-48	24-35-51
21 x 18	CFM	263	394	525	656	788	919	1050	1181	1313
	Noise Criteria	–	–	–	17	22	26	30	34	37
	Throw	5-8-15	8-12-23	11-15-31	12-19-38	15-23-42	18-27-46	21-31-49	23-35-52	25-38-55
24 x 18	CFM	300	450	600	750	900	1050	1200	1350	1500
	Noise Criteria	–	–	–	17	23	27	31	34	38
	Throw	5-8-16	8-13-25	11-16-34	13-21-41	16-25-45	19-29-49	22-34-52	25-37-56	28-41-59
21 x 21	CFM	306	459	613	766	919	1072	1225	1378	1531
	Noise Criteria	–	–	–	18	23	27	31	35	38
	Throw	5-8-16	8-13-25	11-16-33	13-21-41	16-25-46	19-29-49	22-34-53	25-38-56	29-41-59
24 x 21	CFM	350	525	700	875	1050	1225	1400	1575	1750
	Noise Criteria	–	–	–	18	23	28	32	35	38
	Throw	6-9-18	9-14-27	12-18-36	14-22-44	18-27-49	21-31-53	24-36-57	27-40-60	30-44-64
24 x 24	CFM	400	600	800	1000	1200	1400	1600	1800	2000
	Noise Criteria	–	–	–	18	24	28	32	36	39
	Throw	6-10-19	10-14-29	13-19-39	16-24-48	19-29-52	22-33-57	2-38-61	28-43-65	33-48-68

#### Performance Notes:

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- Performance data is based on supply air and standard construction.
- Throws are given at 150, 100 and 50 fpm terminal velocities under isothermal conditions.
- Return Performance:  
Negative static pressure approximates to listed total pressure.  
Add + 2 to listed Noise Criteria value.
- Noise Criteria (NC) values are based upon 10dB room absorption, re 10<sup>-12</sup> watts.
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