

**PERFORMANCE DATA - ROUND PERFORATED GRILLE - MODEL PRG
RETURN**

MODEL	Opening Size Dia. "D"	Opening Area	Opening Velocity S.P.	400 -0.05	500 -0.08	600 -0.12	700 -0.16	800 -0.21	1000 -0.32	1200 -0.48
PRG-04	4	0.087	CFM	35	44	52	61	70	87	105
			NC	•	•	•	•	22	28	34
PRG-05	5	0.136	CFM	55	68	82	95	109	136	164
			NC	•	•	•	21	24	30	36
PRG-06	6	0.196	CFM	79	98	118	137	157	196	236
			NC	•	•	•	23	26	32	38
PRG-08	8	0.349	CFM	140	175	209	244	279	349	419
			NC	•	•	20	25	28	34	40
PRG-10	10	0.545	CFM	218	273	327	382	436	545	655
			NC	•	•	23	27	30	36	42
PRG-12	12	0.786	CFM	314	393	471	550	628	786	943
			NC	•	•	24	29	32	38	44
PRG-14	14	1.069	CFM	428	535	641	748	855	1069	1283
			NC	•	20	25	30	33	39	45
PRG-16	16	1.396	CFM	559	698	838	978	1117	1396	1676
			NC	•	21	26	31	34	40	46

Performance data based on ASHRAE 70-91

**PERFORMANCE DATA - ROUND PERFORATED GRILLE - MODEL PRG
SUPPLY**

MODEL	Opening Size Dia. "D"	Opening Area	Opening Velocity S.P.	400 0.06	500 0.09	600 0.13	700 0.17	800 0.22	1000 0.35	1200 0.5
PRG-04	4	0.087	CFM	35	44	52	61	70	87	105
			NC	•	•	•	•	•	23	28
			THROW	2-4-8	3-6-10	4-8-13	4-10-14	5-11-16	7-12-16	8-13-19
PRG-05	5	0.136	CFM	55	68	82	95	109	136	164
			NC	•	•	•	•	•	25	30
			THROW	3-6-11	4-9-14	5-10-15	6-12-17	7-14-19	8-15-21	10-17-24
PRG-06	6	0.196	CFM	79	98	118	137	157	196	236
			NC	•	•	•	•	20	27	32
			THROW	4-9-13	5-11-16	6-13-18	8-15-20	9-16-23	10-18-26	12-21-29
PRG-08	8	0.349	CFM	140	175	209	244	279	349	419
			NC	•	•	•	•	22	29	34
			THROW	5-11-19	7-13-21	8-15-24	10-19-26	11-22-30	14-25-34	16-28-38
PRG-10	10	0.545	CFM	218	273	327	382	436	545	655
			NC	•	•	•	20	24	31	36
			THROW	6-12-22	9-16-29	11-20-32	12-24-35	13-27-38	17-31-43	20-34-48
PRG-12	12	0.786	CFM	314	393	471	550	628	786	943
			NC	•	•	•	22	26	33	37
			THROW	7-14-28	10-19-33	12-24-36	14-27-39	18-31-45	20-34-48	24-40-55
PRG-14	14	1.069	CFM	428	535	641	748	855	1069	1283
			NC	•	•	•	24	28	34	39
			THROW	8-17-33	12-22-37	15-28-44	16-32-48	18-37-56	23-42-60	28-45-62
PRG-16	16	1.396	CFM	559	698	838	978	1117	1396	1676
			NC	•	•	20	25	29	35	40
			THROW	9-20-38	14-28-46	17-32-52	20-37-58	23-40-62	27-45-65	30-50-70

Performance data based on ASHRAE 70-91

Throw: Distance in feet from the nozzle discharge at which the maximum velocity has been reduced to specified terminal velocity [Vt].

Terminal Velocity: Maximum velocity [Vt] in feet per minute at the specified distance from the outlet face. Throw is listed at 200 fpm, 100 fpm and 50 fpm respectively.

Airflow CFM: Standard air density and isothermal conditions.

Static Pressure: Inches of water gauge.

Noise Criteria: Noise criteria [NC] curve which is not exceeded with a room attenuation of 10db and based on sound power level re:10-12 watts.