

PERFORMANCE DATA

Return Grille Perforated Face - Model RGPF

Size	Duct Area ft ²	Nk Vel	300	400	500	600	700	800	900	1000	1100
		Ps	-.023	-.041	-.064	-.092	-.126	-.165	-.209	-.259	-.314
06x06	.25	CFM	58	77	96	116	135	154	173	192	212
		NC	-	-	13	16	18	21	22	24	25
08x06	.33	CFM	81	107	134	161	187	214	241	267	294
		NC	-	11	15	18	20	22	24	24	27
10x06	.42	CFM	103	137	171	205	239	273	307	341	376
		NC	-	12	16	19	21	23	25	27	28
08x08	.44	CFM	112	149	186	223	260	297	334	371	409
		NC	-	13	16	19	21	24	25	27	28
12x06	.50	CFM	124	165	206	248	289	330	371	412	454
		NC	-	13	17	19	22	24	26	27	29
16x06 12x08	.67	CFM	172	229	286	343	400	457	514	571	629
		NC	-	15	18	21	23	26	27	29	30
10x10	.69	CFM	178	237	296	355	414	473	532	591	651
		NC	-	15	18	21	23	25	27	29	30
18x06	.75	CFM	190	253	316	379	442	505	568	631	695
		NC	11	15	18	21	24	26	28	29	31
24x06 12x12	1.00	CFM	265	353	441	529	617	705	793	881	970
		NC	12	16	20	23	25	27	29	31	32
30x06 18x10	1.25	CFM	334	445	556	667	778	889	1000	1111	1223
		NC	13	17	21	24	26	28	30	32	33
36x06 18x12	1.50	CFM	406	541	676	811	946	1081	1216	1351	1487
		NC	14	18	22	25	27	29	31	32	34
42x06 18x14	1.75	CFM	478	637	796	955	1114	1273	1432	1591	1751
		NC	15	19	22	25	28	30	32	33	35
24x12 18x16	2.00	CFM	547	729	911	1093	1275	1457	1639	1821	2004
		NC	15	20	23	26	28	30	32	34	35
30x12	2.50	CFM	688	917	1146	1375	1604	1833	2062	2291	2521
		NC	16	21	24	27	29	31	33	35	36
36x12	3.00	CFM	826	1101	1376	1651	1926	2201	2476	2751	3027
		NC	17	21	25	28	30	32	34	35	37
42x12 36x14	3.50	CFM	967	1289	1611	1933	2255	2577	2899	3221	3544
		NC	17	22	25	28	31	33	34	36	38
48x12 24x24	4.00	CFM	1126	1501	1876	2251	2626	3001	3376	3751	4127
		NC	18	23	26	29	31	34	35	37	38
36x20 30x24	5.00	CFM	1414	1885	2356	2827	3298	3769	4240	4711	5183
		NC	19	24	27	30	32	34	36	38	39

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48x18 36x24	6.00	CFM	1699	2265	2831	3397	3963	4529	5095	5661	6228
		NC	20	24	28	31	33	35	37	39	40
48x24 36x32	8.00	CFM	2290	3053	3816	4579	5342	6105	6868	7631	8395
		NC	21	26	39	32	34	36	38	40	41
48x36	12.00	CFM	3472	4629	5786	6943	8100	9257	10414	11571	12729
		NC	23	28	31	34	36	38	40	42	43
48x48	16.00	CFM	4653	6204	7755	9306	10857	12408	13959	15510	17061
		NC	24	29	32	35	37	40	41	43	44

PERFORMANCE NOTES FOR SERIES RGPF

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

DEFINITION OF UNITS

CFM Cubic Feet per Minute (air)

Nk Vel Neck Velocity of air stream in Feet Per Minute

Ps Negative Static pressure (inches of water column)

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