

PERFORMANCE DATA

Return Filter Grille - Model RG-FF

Size	Duct Area ft²	Nk Vel	200	300	400	500	600	700	800	900	1000
		Ps	-.009	-.020	-.036	-.056	-.081	-.110	-.143	-.181	-.223
06x06	.25	CFM	39	58	77	96	115	134	153	172	191
		NC	-	-	15	20	25	29	32	35	38
08x06	.33	CFM	53	79	106	132	159	185	212	238	265
		NC	-	-	16	21	26	30	34	37	39
10x06	.42	CFM	69	103	137	171	205	239	273	307	341
		NC	-	-	17	23	27	31	35	38	40
08x08	.44	CFM	75	112	149	186	223	260	297	334	371
		NC	-	12	18	23	28	32	36	39	41
12x06	.50	CFM	83	124	165	206	247	288	329	370	411
		NC	-	12	18	23	28	32	36	39	41
16x06 12x08	.67	CFM	115	172	229	286	343	400	457	514	571
		NC	-	12	19	25	30	34	37	40	43
10x10	.69	CFM	119	178	237	296	355	414	473	532	591
		NC	-	12	19	25	30	34	37	40	43
12x10 20x06	.83	CFM	145	217	289	361	433	505	577	649	721
		NC	-	13	20	26	31	35	38	41	44
24x06 12x12	1.00	CFM	177	265	353	441	529	617	705	793	881
		NC	-	14	21	27	32	36	39	42	45
14x14	1.36	CFM	245	367	489	611	733	855	977	1099	1221
		NC	-	15	22	28	33	37	40	43	46
18x12 36x06	1.50	CFM	271	406	541	676	811	946	1081	1216	1351
		NC	-	16	23	29	33	37	41	44	47
18x16 24x12	2.00	CFM	365	547	729	911	1093	1275	1457	1639	1821
		NC	11	17	24	30	35	39	42	45	48
18x18	2.25	CFM	415	622	829	1036	1243	1450	1657	1864	2071
		NC	11	17	25	31	35	39	43	46	48
30x12	2.50	CFM	459	688	917	1146	1375	1604	1833	2062	2291
		NC	12	18	25	31	36	40	43	46	49
20x20	2.78	CFM	515	772	1029	1286	1543	1800	2057	2314	2571
		NC	12	18	26	31	36	40	43	47	49
24x18 36x12	3.00	CFM	551	826	1101	1376	1651	1926	2201	2476	2751
		NC	13	19	26	32	36	40	44	47	50
22x22	3.36	CFM	629	943	1257	1571	1885	2199	2513	2827	3141
		NC	13	19	27	32	37	41	44	47	50
48x12 24x24	4.00	CFM	752	1127	1503	1878	2254	2630	3005	3381	3756
		NC	-	20	28	33	38	42	46	49	51

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48x18 36x24	6.00	CFM	1133	1699	2265	2831	3397	3963	4529	5095	5661
		NC	11	22	29	35	40	44	47	50	53
48x24 36x32	8.00	CFM	1527	2290	3053	3816	4579	5342	6105	6868	7631
		NC	13	24	31	37	42	46	49	52	55
48x36	12.00	CFM	2315	3472	4629	5786	6943	8100	9257	10414	11571
		NC	14	25	32	38	43	47	50	53	56
48x48	16.00	CFM	3102	4653	6204	7755	9306	10857	12408	13959	15510
		NC	16	26	33	39	44	48	51	54	57

PERFORMANCE NOTES FOR SERIES RG-FF

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.