

Hinged Filter Grille

Nominal Duct Size (in.)	Nominal Duct Area (ft ²)	Core Area (ft ²)	Core Velocity Neg. Static Pressure	300		400		500		600		700		900		1100		1300		1500	
				0.006 0.012	0.01 0.022	0.016 0.034	0.022 0.049	0.031 0.067	0.05 0.111	0.075 0.165	0.105 0.231	0.14 0.307									
6x6	0.25	0.19	Airflow, cfm NC	57 -	76 -	95 -	114 -	133 13	171 20	209 26	247 31	285 35									
8x6	0.33	0.26	Airflow, cfm NC	78 -	104 -	130 -	156 -	182 14	234 22	286 27	338 32	390 36									
10x6	0.42	0.34	Airflow, cfm NC	102 -	136 -	170 -	204 11	238 16	306 23	374 28	442 33	510 37									
8x8	0.44	0.37	Airflow, cfm NC	111 -	148 -	185 -	222 12	259 16	333 23	407 29	481 34	555 38									
12x6	0.5	0.41	Airflow, cfm NC	123 -	164 -	205 -	246 12	287 16	369 24	451 29	533 34	615 38									
14x6	0.58	0.48	Airflow, cfm NC	144 -	192 -	240 -	288 13	336 17	432 24	528 30	624 35	720 39									
16x6	0.67	0.57	Airflow, cfm	171	228	285	342	399	513	627	741	855									
12x8			NC	-	-	-	13	18	25	31	36	40									
10x10	0.69	0.59	Airflow, cfm NC	177 -	236 -	295 -	354 14	413 18	531 25	649 31	767 36	885 40									
18x6	0.75	0.63	Airflow, cfm NC	189 -	252 -	315 -	378 14	441 18	567 25	693 31	819 36	945 40									
20x6	0.83	0.72	Airflow, cfm	216	288	360	432	504	648	792	936	1080									
12x10			NC	-	-	-	14	19	26	32	37	41									
22x6	0.92	0.77	Airflow, cfm NC	231 -	308 -	385 -	462 15	539 19	693 26	847 32	1001 37	1155 41									
24x6	1	0.88	Airflow, cfm	264	352	440	528	616	792	968	1144	1320									
12x12			NC	-	-	-	15	20	27	33	37	42									
30x6	1.25	1.11	Airflow, cfm	333	444	555	666	777	999	1221	1443	1665									
18x10			NC	-	-	11	16	21	28	34	38	43									
14x14	1.36	1.22	Airflow, cfm NC	366 -	488 -	610 11	732 17	854 21	1098 28	1342 34	1586 39	1830 43									
36x6	1.5	1.35	Airflow, cfm	405	540	675	810	945	1215	1485	1755	2025									
18x12			NC	-	-	12	17	22	29	35	39	43									
22x10	1.53	1.37	Airflow, cfm NC	411 -	548 -	685 12	822 17	959 22	1233 29	1507 35	1781 39	2055 43									
30x8	1.67	1.49	Airflow, cfm	447	596	745	894	1043	1341	1639	1937	2235									
24x10			NC	-	-	12	18	22	29	35	40	44									
42x6	1.75	1.59	Airflow, cfm	477	636	795	954	1113	1431	1749	2067	2385									
18x14			NC	-	-	13	18	22	29	35	40	44									
16x16	1.78	1.62	Airflow, cfm NC	486 -	648 -	810 13	972 18	1134 22	1458 30	1782 35	2106 40	2430 44									
24x12	2	1.82	Airflow, cfm	546	728	910	1092	1274	1638	2002	2366	2730									
18x16			NC	-	-	13	18	23	30	36	41	45									
18x18	2.25	2.07	Airflow, cfm NC	621 -	828 -	1035 14	1242 19	1449 23	1863 31	2277 36	2691 41	3105 45									
24x14	2.33	2.14	Airflow, cfm NC	642 -	856 -	1070 14	1284 19	1498 24	1926 31	2354 37	2782 41	3210 45									
30x12	2.5	2.29	Airflow, cfm NC	687 -	916 -	1145 14	1374 19	1603 24	2061 31	2519 37	2977 42	3435 46									
24x16	2.67	2.46	Airflow, cfm NC	738 -	984 -	1230 15	1476 20	1722 24	2214 31	2706 37	3198 42	3690 46									
20x20	2.78	2.57	Airflow, cfm NC	771 -	1028 -	1285 15	1542 20	1799 24	2313 32	2827 37	3341 42	3855 46									
36x12	3	2.75	Airflow, cfm NC	825 -	1100 -	1375 15	1650 20	1925 25	2475 32	3025 38	3575 42	4125 47									
30x16	3.33	3.11	Airflow, cfm	933	1244	1555	1866	2177	2799	3421	4043	4665									
24x20			NC	-	-	16	21	25	32	38	43	47									
22x22	3.36	3.14	Airflow, cfm NC	942 -	1256 -	1570 16	1884 21	2198 25	2826 32	3454 38	4082 43	4710 47									
42x12	3.5	3.22	Airflow, cfm	966	1288	1610	1932	2254	2898	3542	4186	4830									
36x14			NC	-	-	16	21	25	33	38	43	47									
24x22	3.67	3.43	Airflow, cfm NC	1029 -	1372 -	1715 16	2058 21	2401 26	3087 33	3773 39	4459 43	5145 47									
30x18	3.75	3.5	Airflow, cfm NC	1050 -	1400 -	1750 16	2100 21	2450 26	3150 33	3850 39	4550 43	5250 48									

Static pressures are negative, in inches of water, measured per ASHRAE 70-91
 NC based on room absorption of 10 dB, re 10⁻¹² watts, measured per ASHRAE 70-91