

Laminar Flow Hepa Filter Diffuser

Panel Size	Filter Type	Cfm	100	125	150	175	200	225	250	275	300
		Proj	2-3-4	2-4-5	4-5-6	4-6-7	5-6-7	5-7-8	6-8-9	7-8-10	8-9-10
24" x 24" 10" Dia Inlet	2" HEPA 99.99% on .3u	Ps	0.28	0.33	0.38	0.47	0.52	0.52	0.60	0.70	0.76
		NC	<20	<20	<20	<20	<20	20	23	25	27
	4" HEPA 99.99% on .3u	Ps	0.21	0.24	0.28	0.35	0.39	0.39	0.44	0.52	0.56
		NC	<20	<20	<20	<20	21	23	25	27	29
	2" ULPA 99.9995% on .12u	Ps	0.38	0.45	0.51	0.63	0.70	0.70	0.81	0.95	1.03
		NC	<20	<20	<20	<20	20	22	24	27	29
	4" ULPA 99.9995% on .12u	Ps	0.28	0.33	0.38	0.47	0.52	0.52	0.60	0.70	0.76
		NC	<20	<20	<20	20	22	23	26	28	31

Panel Size	Filter Type	Cfm	300	350	400	450	500	550	600	650	700
		Proj	3-4-7	3-5-8	3-6-9	4-6-10	4-7-11	5-8-12	6-10-14	7-11-16	7-12-18
24" x 48" 12" Dia Inlet	2" HEPA 99.99% on .3u	Ps	0.33	0.39	0.44	0.50	0.55	0.60	0.66	0.72	0.78
		NC	<20	<20	<20	20	24	26	28	29	32
	4" HEPA 99.99% on .3u	Ps	0.24	0.29	0.33	0.37	0.41	0.44	0.49	0.53	0.58
		NC	<20	<20	20	22	25	28	30	32	35
	2" ULPA 99.9995% on .12u	Ps	0.50	0.59	0.66	0.75	0.83	0.90	0.99	1.08	1.17
		NC	<20	<20	<20	21	24	27	28	30	33
	4" ULPA 99.9995% on .12u	Ps	0.33	0.39	0.44	0.50	0.55	0.60	0.66	0.72	0.78
		NC	<20	<20	22	25	27	29	30	33	36

Cfm - Cubic Feet per Minute

Proj - Vertical Distance Below Panel to Terminal Velocities, Vt=100,75,50 FPM, Respectively

Cooling Differential - 10 Degrees F.

Ps - Static Pressure, inches W.G.

NC - Noise Criteria Based on 10 dB room attenuation

Data determined in accordance with ASHRAE Standard 70-1991

All Data Based On Full Open Damper And Clean Filter