

PERFORMANCE DATA

SSEC

Stainless Steel Eggcrate

Nominal Duct Size (in.)	Nominal Duct Area (ft ²)	Core Area (ft ²)	Core Velocity Velocity Pressure 3F Neg. Static Pressure 4F Neg. Static Pressure	NC 10		NC 20		NC 30		NC 40		NC 50	
				300	400	500	600	700	800	1000	1200	1400	
48x12	4.00	3.75	Air Flow, cfm	1125	1500	1875	2250	2625	3000	3750	4500	5250	
24x24			NC	-	11	18	24	29	33	41	47	52	
36x18	4.50	4.22	Air Flow, cfm	1266	1688	2110	2532	2954	3376	4220	5064	5908	
30x24			NC	-	11	18	24	29	34	41	47	52	
36x20	5.00	4.71	Air Flow, cfm	1413	1884	2355	2826	3297	3768	4710	5652	6594	
30x24			NC	-	12	19	25	30	34	42	48	53	
42x18	5.25	4.94	Air Flow, cfm	1482	1976	2470	2964	3458	3952	4940	5928	6916	
30x24			NC	-	12	19	25	30	35	42	48	53	
28x28	5.44	5.16	Air Flow, cfm	1548	2064	2580	3096	3612	4128	5160	6192	7224	
42x20			NC	-	12	19	25	30	35	42	48	53	
42x20	5.83	5.51	Air Flow, cfm	1653	2204	2755	3306	3857	4408	5510	6612	7714	
30x28			NC	-	12	20	26	31	35	42	48	53	
48x18	6.00	5.66	Air Flow, cfm	1698	2264	2830	3396	3962	4528	5660	6792	7924	
36x24			NC	-	12	20	26	31	35	42	48	54	
30x30	6.25	5.94	Air Flow, cfm	1782	2376	2970	3564	4158	4752	5940	7128	8316	
42x24			NC	-	13	20	26	31	35	43	49	54	
42x24	7.00	6.66	Air Flow, cfm	1998	2664	3330	3996	4662	5328	6660	7992	9324	
36x28			NC	-	13	20	26	31	36	43	49	54	
46x22	7.03	6.68	Air Flow, cfm	2004	2672	3340	4008	4676	5344	6680	8016	9352	
32x32			NC	-	13	20	26	31	36	43	49	54	
32x32	7.11	6.78	Air Flow, cfm	2034	2712	3390	4068	4746	5424	6780	8136	9492	
36x30			NC	-	13	21	26	32	36	43	49	54	
36x30	7.50	7.16	Air Flow, cfm	2148	2864	3580	4296	5012	5728	7160	8592	10024	
48x24			NC	-	13	21	27	32	36	43	49	55	
48x24	8.00	7.63	Air Flow, cfm	2289	3052	3815	4578	5341	6104	7630	9156	10682	
36x32			NC	-	14	21	27	32	36	44	50	55	
34x34	8.03	7.68	Air Flow, cfm	2304	3072	3840	4608	5376	6144	7680	9216	10752	
36x34			NC	-	14	21	27	32	36	44	50	55	
36x34	8.50	8.14	Air Flow, cfm	2442	3256	4070	4884	5698	6512	8140	9768	11396	
42x30			NC	-	14	21	27	32	37	44	50	55	
42x30	8.75	8.38	Air Flow, cfm	2514	3352	4190	5028	5866	6704	8380	10056	11732	
36x36			NC	-	14	21	27	32	37	44	50	55	
36x36	9.00	8.63	Air Flow, cfm	2589	3452	4315	5178	6041	6904	8630	10356	12082	
42x34			NC	-	14	22	28	33	37	44	50	55	
42x34	10.00	9.6	Air Flow, cfm	2880	3840	4800	5760	6720	7680	9600	11520	13440	
48x30			NC	-	15	22	28	33	37	45	51	56	
38x38	10.03	9.64	Air Flow, cfm	2892	3856	4820	5784	6748	7712	9640	11568	13496	
42x36			NC	-	15	22	28	33	37	45	51	56	
42x36	10.50	10.1	Air Flow, cfm	3030	4040	5050	6060	7070	8080	10100	12120	14140	
46x34			NC	-	15	22	28	33	38	45	51	56	
46x34	10.86	10.45	Air Flow, cfm	3135	4180	5225	6270	7315	8360	10450	12540	14630	
42x38			NC	-	15	22	28	33	38	45	51	56	
42x38	11.08	10.67	Air Flow, cfm	3201	4268	5335	6402	7469	8536	10670	12804	14938	
40x40			NC	-	15	22	28	34	38	45	51	56	
40x40	11.11	10.7	Air Flow, cfm	3210	4280	5350	6420	7490	8560	10700	12840	14980	
48x36			NC	-	15	22	28	34	38	45	51	56	
48x36	12.00	11.57	Air Flow, cfm	3471	4628	5785	6942	8099	9256	11570	13884	16198	
42x42			NC	-	16	23	29	34	38	46	52	57	
42x42	12.25	11.82	Air Flow, cfm	3546	4728	5910	7092	8274	9456	11820	14184	16548	
44x44			NC	-	16	23	29	34	38	46	52	57	
44x44	13.44	12.99	Air Flow, cfm	3897	5196	6495	7794	9093	10392	12990	15588	18186	
48x42			NC	-	16	23	29	34	39	46	52	57	
48x42	14.00	13.54	Air Flow, cfm	4062	5416	6770	8124	9478	10832	13540	16248	18956	
46x46			NC	-	16	24	29	35	39	46	52	57	
46x46	14.69	14.22	Air Flow, cfm	4266	5688	7110	8532	9954	11376	14220	17064	19908	
48x46			NC	-	16	24	30	35	39	46	52	58	
48x46	15.33	14.85	Air Flow, cfm	4455	5940	7425	8910	10395	11880	14850	17820	20790	
48x48			NC	-	17	24	30	35	39	47	53	58	
48x48	16.00	15.50	Air Flow, cfm	4650	6200	7750	9300	10850	12400	15500	18600	21700	
			NC	-	17	24	30	35	40	47	53	58	

Static pressures are negative, in inches of water, measured per ASHRAE 70-91

NC based on room absorption of 10dB, re 10⁻¹² watts, measured per ASHRAE 70-91