Filter 45° Eggcrate Grilles

DARE5-45-FG ■ DARE5-45-FG2 ■ DARE5-45-FG4

A_C (ft²)	Size (in.)	Core Velocity (FPM)	100	200	300	400	500	600	700
		Velocity Pressure (in. w.g.)	0.001	0.002	0.006	0.010	0.016	0.022	0.031
		Neg. Static Pressure (in. w.g.)	0.005	0.018	0.039	0.067	0.102	0.143	0.191
0.18	8 x 4	Airflow (CFM)	18	36	54	72	90	108	126
		NC	-	-	-	-	20	24	28
0.20	10 x 4	Airflow (CFM)	20	40	60	80	100	120	140
		NC	-	-	-	-	20	24	28
0.26	12 x 4 8 x 6	Airflow (CFM)	26	52	78	104	130	156	182
	10 x 5	NC	-	-	-	-	20	25	28
0.29	14 x 4	Airflow (CFM)	29	58	87	116	145	174	203
		NC	-	-	-	15	20	25	29
0.33	16 x 4 10 x 6	Airflow (CFM)	33	66	99	132	165	198	231
	12 x 5	NC	-	-	-	15	20	25	29
0.38	18 x 4 12 x 6	Airflow (CFM)	38	76	114	152	190	228	266
	14 x 5 8 x 8	NC	-	-	-	15	21	25	29
0.45	20 x 4 14 x 6	Airflow (CFM)	45	90	135	180	225	270	315
	16 x 5 10 x 8	NC	-	-	-	15	21	26	30
0.52	24 x 4 16 x 6	Airflow (CFM)	52	104	156	208	260	312	364
	18 x 5	NC	-	-	-	15	21	26	30
0.58	28 x 4 18 x 6 10 x 10	Airflow (CFM)	58	116	174	232	290	348	406
	20 x 5 12 x 8	NC	-	-	-	16	22	26	30
0.68	30 x 4 20 x 6 12 x 10	Airflow (CFM)	68	136	204	272	340	408	476
	24 x 5 14 x 8	NC	-	-	-	16	22	27	31
0.79	36 x 4 22 x 6 14 x 10	Airflow (CFM)	79	158	237	316	395	474	553
	28 x 5 16 x 8	NC	-	-	-	16	22	27	32
0.87	40 x 4 26 x 6 12 x 12	Airflow (CFM)	87	174	261	348	435	522	609
	30 x 5 18 x 8	NC	-	-	-	17	23	28	32
1.05	48 x 4 30 x 6 18 x 10	Airflow (CFM)	105	210	315	420	525	630	735
	36 x 5 22 x 8 14 x 12	NC	-	-	-	17	23	29	33
1.18	40 x 5 24 x 8 16 x 12	Airflow (CFM)	118	236	354	472	590	708	826
	34 x 6 20 x 10 14 x 14	NC	-	-	-	17	24	29	33
1.35	46 x 5 28 x 8 18 x 12	Airflow (CFM)	135	270	405	540	675	810	945
	38 x 6 22 x 10 16 x 14	NC	-	-	-	18	24	29	33
1.60	44 x 6 22 x 12 16 x 16	Airflow (CFM)	160	320	480	640	800	960	1120
	26 x 10 18 x 14	NC	-	-	-	18	24	30	34
1.77	50 x 6 28 x 10 20 x 14	Airflow (CFM)	177	354	531	708	885	1062	1239
	36 x 8 24 x 12 18 x 16	NC	-	-	-	18	25	30	34
2.06	42 x 8 28 x 12 20 x 16	Airflow (CFM)	206	412	618	824	1030	1236	1442
	32 x 10 24 x 12 18 x 18	NC	-	-	-	19	25	31	35
2.37	48 x 8 32 x 12 24 x 16	Airflow (CFM)	237	474	711	948	1185	1422	1659
	38 x 10 26 x 14 20 x 18	NC	-	-	-	19	26	31	36
2.73	44 x 10 30 x 14 24 x 18	Airflow (CFM)	273	546	819	1092	1365	1638	1911
	36 x 12 26 x 16 22 x 20	NC	-	-	-	20	27	32	36
3.04	48 x 10 34 x 14 26 x 18	Airflow (CFM)	304	608	912	1216	1520	1824	2128
	40 x 12 30 x 16 24 x 20	NC	-	-	-	21	27	32	37

Scan for more product information.

Performance notes at the end of the section.

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Filter 45° Eggcrate Grilles

DARE5-45-FG ■ DARE5-45-FG2 ■ DARE5-45-FG4

A_C (ft²)	Size (in.)			Core Velocity (FPM)	100	200	300	400	500	600	700
				Velocity Pressure (in. w.g.)	0.001	0.002	0.006	0.010	0.016	0.022	0.031
				Neg. Static Pressure (in. w.g.)	0.005	0.018	0.039	0.067	0.102	0.143	0.191
3.71	58 x 10	36 x 16	28 x 20	Airflow (CFM)	371	742	1113	1484	1855	2226	2597
	48 x 12	32 x 18	24 x 24	NC	-	-	-	22	28	34	38
4.28	56 x 12	42 x 16	32 x 20	Airflow (CFM)	428	856	1284	1712	2140	2568	2996
	48 x 14	36 x 18	28 x 24	NC	-	-	-	23	29	35	40
4.64	60 x 12	44 x 16	36 x 20	Airflow (CFM)	464	928	1392	1856	2320	2784	3248
	52 x 14	40 x 18	30 x 24	NC	-	-	-	23	30	36	40
5.50	84 x 10	60 x 14	48 x 18	Airflow (CFM)	550	1100	1650	2200	2750	3300	3850
	72 x 12	54 x 16	42 x 20	NC	-	-	16	25	32	37	42
6.33	70 x 14	54 x 18	40 x 24	Airflow (CFM)	633	1266	1899	2532	3165	3798	4431
	60 x 16	48 x 20	32 x 30	NC	-	-	17	26	33	39	44
6.64	72 x 14	42 x 24	32 x 32	Airflow (CFM)	664	1328	1992	2656	3320	3984	4648
	46 x 22	36 x 28		NC	-	-	17	26	34	39	44
7.08	36 x 30			Airflow (CFM)	708	1416	2124	2832	3540	4248	4956
	38 x 28			NC	-	-	18	27	34	40	45
7.60	48 x 24	36 x 32		Airflow (CFM)	760	1520	2280	3040	3800	4560	5320
	38 x 30	34 x 34		NC	-	-	19	28	35	41	46
8.09	48 x 26	38 x 32		Airflow (CFM)	809	1618	2427	3236	4045	4854	5663
	40 x 30	36 x 34		NC	-	-	19	29	36	42	47
8.71	48 x 28	36 x 36		Airflow (CFM)	871	1741	2613	3484	4355	5226	6097
	44 x 30			NC	-	-	20	30	37	44	49

Performance Notes:

1. Tested in accordance with ASHRAE Standard 70-2023 "Method of Testing for Rating the Performance of Air Outlets and Inlets."
2. Air flow is in CFM.
3. The performance tables are based on **DARE5-45** grilles without opposed blade dampers or filters.
4. NC values are based on room absorption of 10dB re 10^{-12} watts @ 0° deflection and one diffuser.
5. Blanks "-" indicate a NC below 15.

Scan for more product information.