

SUBMITTAL RECORD _____
 JOB _____
 LOCATION _____
 SUBMITTED TO _____
 SUBMITTAL PREPARED BY _____
 APPROVED BY _____
 DATE _____



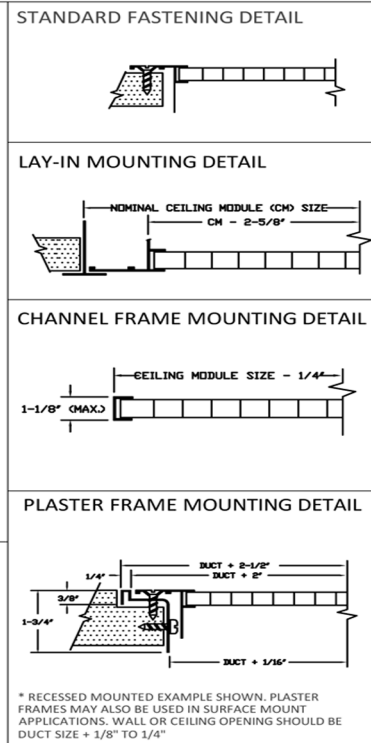
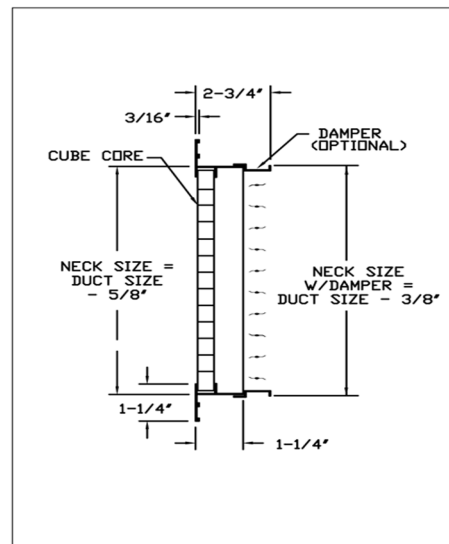
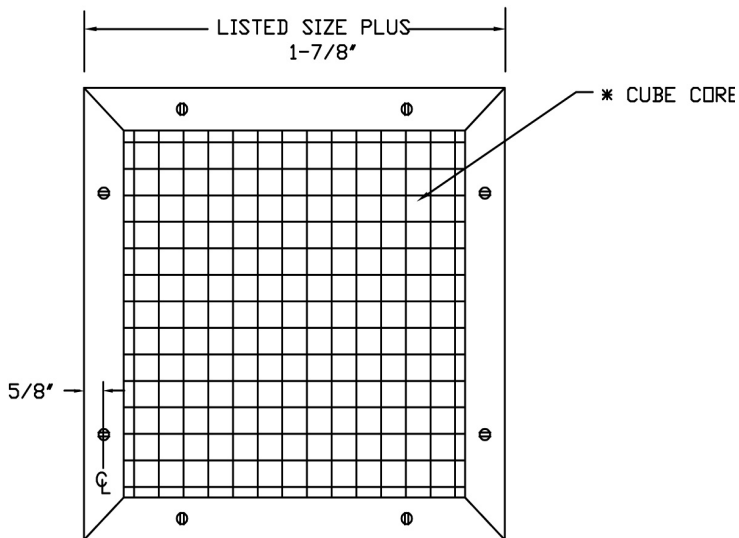
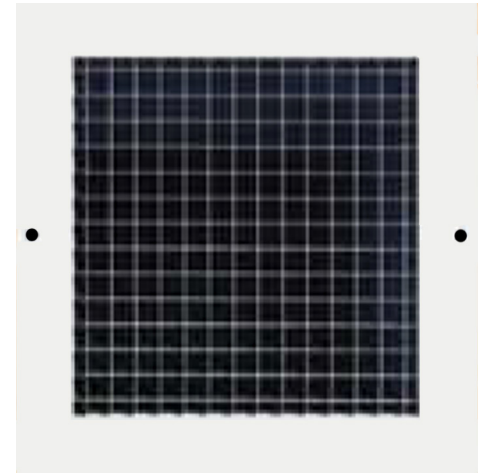
Specification Form

CC12N

ALUMINUM RETURN AIR CUBE CORE GRILLES (USA)

FEATURES

- Extruded aluminum construction
- Fabricate aluminum 1/2"x1/2"x1/2" grid core
- No filter
- Available in white durable finish



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02/19

PERFORMANCE DATA

Neck Vel.	FPM	300	400	500	600	700	800	1000	1200	1400	1500
Neck Size	Ps(-)	.016	.026	.042	.059	.082	.106	.165	.238	.323	.371
6 x 6"	CFM	54	72	90	108	126	144	180	216	252	270
Ak = .08	NC	25	28	30	32	33	43	36	38	40	40
8 x 6"	CFM	78	104	130	156	182	208	260	312	364	390
Ak = .26	NC	24	27	29	31	32	43	36	38	39	40
10 x 6"	CFM	102	136	170	204	238	272	340	408	476	510
Ak = .34	NC	23	26	28	30	32	33	35	37	38	39
10 x 8"	CFM	138	184	230	276	322	368	460	552	644	690
Ak = .46	NC	23	26	28	30	31	32	35	36	38	39
12 x 6"	CFM	117	156	195	234	273	312	390	468	546	585
Ak = .39	NC	23	26	28	30	31	33	35	37	38	39
12 x 8"	CFM	180	240	300	429	480	600	720	840	900	940
Ak = .60	NC	22	25	27	27	29	31	32	34	36	37
12 x 10"	CFM	207	276	345	414	483	552	690	828	966	1035
Ak = .69	NC	22	25	27	29	30	32	34	36	37	38
12 x 12"	CFM	270	360	450	540	630	720	900	1080	1260	1350
Ak = .90	NC	21	24	26	28	30	31	33	35	36	37
16 x 16"	CFM	480	640	800	960	1120	1280	1600	1920	2240	2400
Ak = 1.60	NC	20	23	25	27	29	30	32	34	35	36
18 x 6"	CFM	180	240	300	360	420	480	600	720	840	900
Ak = .60	NC	22	25	27	29	31	32	34	36	37	38
18 x 10"	CFM	321	428	536	642	749	856	1070	1284	1498	1605
Ak = 1.07	NC	21	24	26	28	29	31	33	35	36	37
18 x 12"	CFM	402	536	670	804	938	1072	1340	1608	1876	2010
Ak = 1.34	NC	21	23	26	27	29	30	32	34	36	36
18 x 18"	CFM	624	832	1040	1248	1456	1664	2080	2496	2912	3120
Ak = 1.80	NC	20	23	25	27	28	29	32	33	35	35
24 x 12"	CFM	540	720	900	1080	1260	1440	1800	2160	2520	2700
Ak = 1.8	NC	20	23	25	27	28	30	32	34	35	36
24 x 18"	CFM	834	1112	1390	1668	1946	2224	2780	3336	3892	4170
Ak = 2.78	NC	19	22	24	26	27	29	31	33	34	35
24 x 24"	CFM	1083	1444	1805	2166	2527	2888	3610	4332	5054	5415
Ak = 3.61	NC	19	21	24	25	27	28	30	32	34	34
30 x 12"	CFM	624	832	1040	1248	1456	1664	2080	2496	2912	3120
Ak = 2.08	NC	20	23	25	27	28	29	32	33	35	35
30 x 18"	CFM	1083	1444	1805	2166	2527	2888	3610	4332	5054	5415
Ak = 3.61	NC	19	21	24	25	27	28	30	32	34	34
30 x 24"	CFM	1395	1860	2325	2790	3255	3720	4650	5580	6510	6975
Ak = 4.65	NC	18	21	23	25	26	28	30	32	33	34
30 x 30"	CFM	1875	2500	3125	3750	4375	5000	6250	7500	8750	9375
Ak = 6.25	NC	17	20	22	24	26	27	29	31	33	33
36 x 18"	CFM	1287	1716	2145	2574	3003	3432	4290	5148	6006	6435
Ak = 4.29	NC	18	21	23	25	27	28	30	32	33	34
36 x 24"	CFM	1674	2232	2790	3348	3906	4464	5580	6696	7812	8370
Ak = 5.58	NC	18	21	23	24	26	27	29	31	33	33

Notes:

1. NC based on a room sound absorption of 10db.
2. For filter grilles add .05 to stated Ps values shown.
3. For specific information on allowable noise levels, consult the latest edition of ASHRAE Guide and Data Book "Fundamentals and Equipment."

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