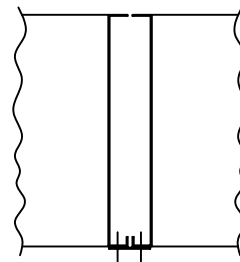
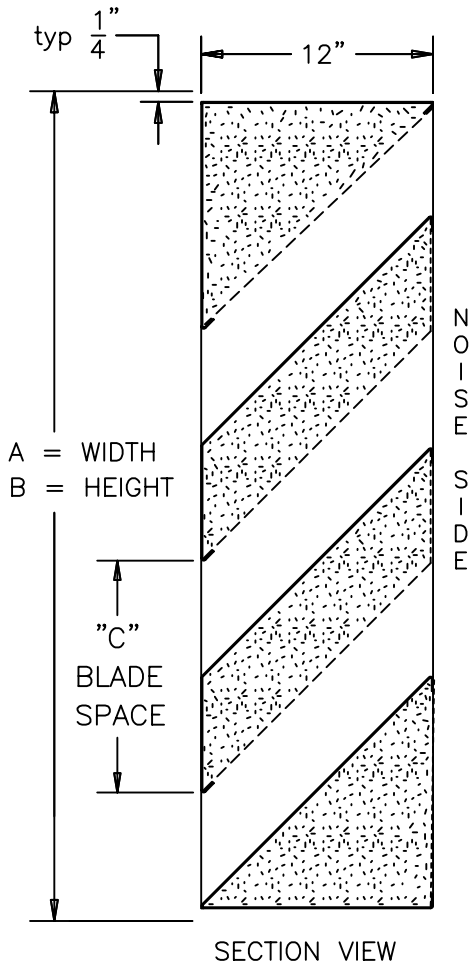


FABRICATED ALUMINUM, 12" DEEP, HEAVY GAUGE, ACOUSTICAL FIXED TYPE BLADE

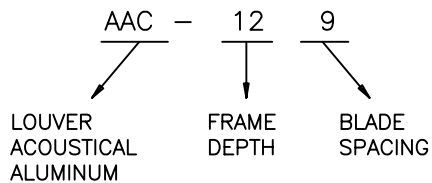
MODEL AAC-129 STANDARD SPECIFICATIONS

- FRAME: 12" DEEP, 12 GAUGE ALUMINUM.
- BLADES: 16 GAUGE ALUMINUM (NON NOISE SIDE).
20 GAUGE PERFORATED ALUMINUM (NOISE SIDE).
- INSULATION: WATER RESISTANT SOUND ABSORBING MATERIAL
- FINISH: MILL.
- SCREEN: 1/2" REMOVABLE EXPANDED ALUMINUM BIRD SCREEN, LOCATED ON INTERIOR (NOISE SIDE).
- MAXIMUM PANEL SIZE : 72" x 96".
- MINIMUM PANEL SIZE : 12" x 24"
- DIMENSIONS: "A" (WIDTH) AND "B" (HEIGHT) ARE OPENING SIZES. LOUVERS ARE MADE 1/2" UNDERSIZE.



MODEL No.	"C" BLADE SPACE
AAC-129	9"

LOUVER MODEL No. DESCRIPTION



STC CLASS 21

OCTAVE BAND	1	2	3	4	5	6	7	8
FREQUENCY (Hz)	63	125	250	500	1K	2K	4K	8K
TRANSMISSION LOSS (db)	2	8	12	16	23	28	25	17
FREE FIELD NOISE REDUCTION (db)	8	14	18	22	29	34	31	23

abi air balance

A MESTEK COMPANY

7435 INDUSTRIAL RD
Phone (419) 865-5000

FLORENCE, KY
Fax (419) 865-1375

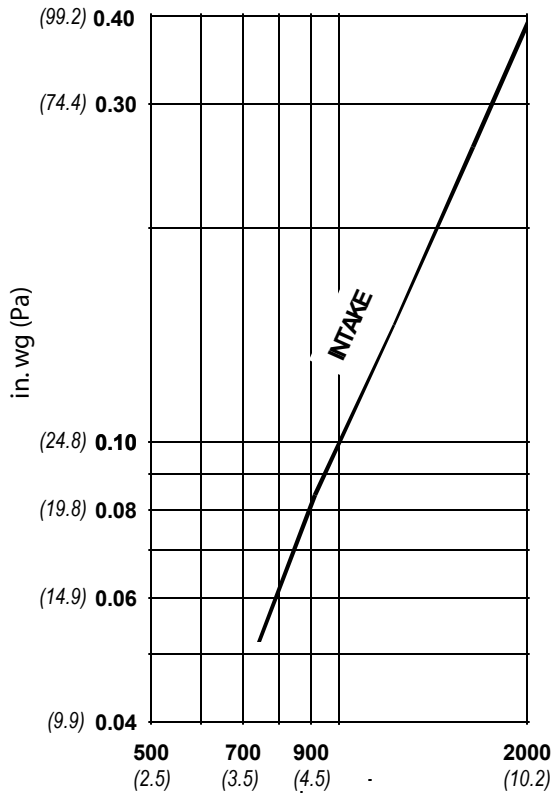
AAC-129 ACOUSTICAL LOUVER

DRN. BY ESS	DWG. NO. AAC-129	REV.
DATE 12-19-00		

Pressure Drop

Free Area : 2.38 sq.ft. (0.221 sq. m.) = 15% for 48" x 48" (1.22 m x 1.22 m) test size

PRESSURE DROP



standard air - .075 lbs. per cu. ft.

FREE AREA IN SQUARE FEET (sq. meters)

		WIDTH								
		in.	12	24	30	36	42	48	54	60
HEIGHT	<i>mm</i>	304	609	762	914	1066	1219	1371	1524	
	20	0.23	0.51	0.65	0.79	0.94	1.08	1.22	1.36	
	508	0.02	0.05	0.06	0.07	0.09	0.10	0.11	0.13	
	24	0.23	0.52	0.66	0.81	0.95	1.10	1.24	1.38	
	609	0.02	0.05	0.06	0.07	0.09	0.10	0.12	0.13	
	36	0.36	0.82	1.05	1.28	1.51	1.74	1.97	2.20	
	914	0.03	0.08	0.10	0.12	0.14	0.16	0.18	0.20	
	48	0.50	1.12	1.44	1.75	2.07	2.38	2.69	3.01	
	1219	0.05	0.10	0.13	0.16	0.19	0.22	0.25	0.28	
	60	0.76	1.73	2.21	2.70	3.18	3.66	4.15	4.63	
	1524	0.07	0.16	0.21	0.25	0.30	0.34	0.39	0.43	
	72	0.90	2.03	2.60	3.17	3.74	4.30	4.87	5.44	
1828	0.08	0.19	0.24	0.29	0.35	0.40	0.45	0.51		
84	1.03	2.34	2.99	3.64	4.29	4.95	5.60	6.25		
2133	0.10	0.22	0.28	0.34	0.40	0.46	0.52	0.58		
96	1.30	2.94	3.77	4.59	5.41	6.23	7.05	7.87		
2438	0.12	0.27	0.35	0.43	0.50	0.58	0.66	0.73		

Openings that require multiple louver panels in both width and height will require internal structural supports. It is recommended that large openings be divided with structural members so that the louvers will span either width or height

structural supports on non-multiple wide and multiple high assemblies. **Structural supports and mounting accessories are not supplied as a standard.**

AAC-129 Acoustical Louver