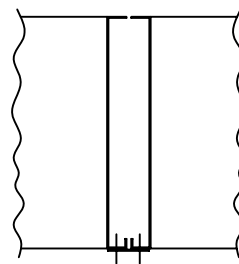
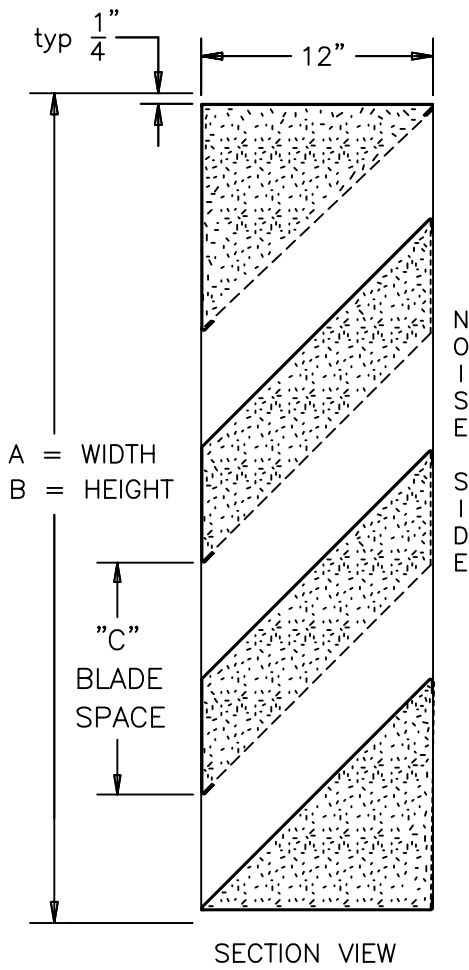


FABRICATED ALUMINUM, 12" DEEP, HEAVY GAUGE, ACOUSTICAL FIXED TYPE BLADE

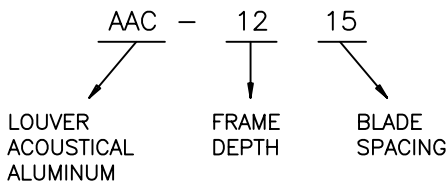
MODEL AAC-1215 STANDARD SPECIFICATIONS

- 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 36"
- DIMENSIONS: "A" (WIDTH) AND "B" (HEIGHT) ARE OPENING SIZES. LOUVERS ARE MADE 1/2" UNDERSIZE.



MODEL No.	"C" BLADE SPACE
AAC-1215	9"

LOUVER MODEL No. DESCRIPTION



STC CLASS 10

OCTAVE BAND	1	2	3	4	5	6	7	8
FREQUENCY (Hz)	63	125	250	500	1K	2K	4K	8K
TRANSMISSION LOSS (db)	2	6	6	9	12	11	9	11
FREE FIELD NOISE REDUCTION (db)	8	12	12	15	18	17	15	17

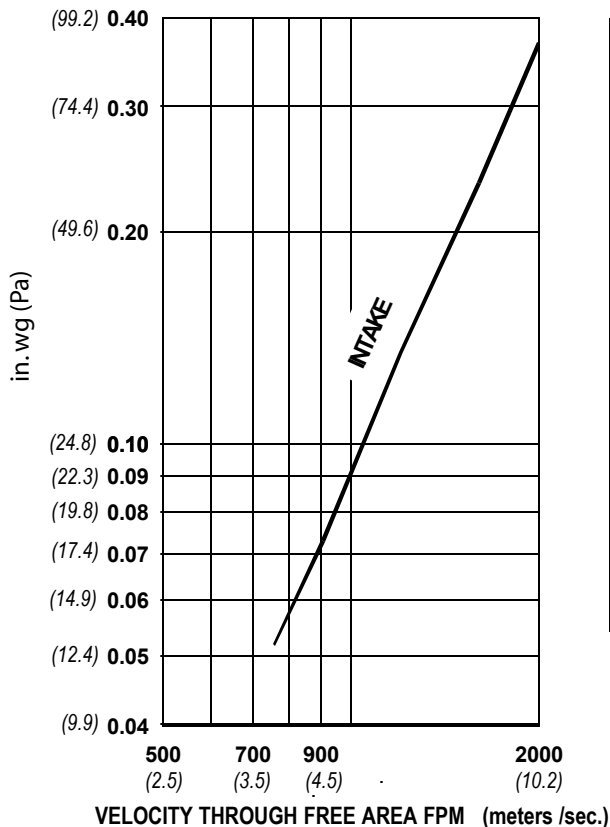
abi air balance
A MESTEK COMPANY
7443 INDUSTRIAL RD FLORENCE, KY
Phone (419) 865-5000 Fax (419) 865-1375

AAC-1215 ACOUSTICAL LOUVER

DRN. BY ESS	DWG. NO. AAC-1215	REV.
DATE 12-19-00		

Pressure Drop : .13 in. wg. (32.25 Pa.) at 1173 fpm (5.95 m/s) and 4129 SCFM (1.73 scm/s)
Free Area : 5.53 sq.ft. (0.495 sq. m.) = 35% for 48" x 48" (1.22 m x 1.22 m) test size

PRESSURE DROP



FREE AREA IN SQUARE FEET (sq. meters)

		WIDTH								
		in.	12	24	30	36	42	48	54	60
HEIGHT	in.	31	36	48	60	72	84	96		
	mm	787	914	1219	1524	1828	2133	2438		
	Free Area (sq. ft.)	0.61	0.80	1.15	1.37	1.65	2.06	2.06		
	Free Area (sq. m.)	0.06	0.07	0.11	0.13	0.15	0.19	0.19		
	Free Area (sq. ft.)	1.38	1.82	2.61	3.10	3.73	4.66	4.66		
	Free Area (sq. m.)	0.13	0.17	0.24	0.29	0.35	0.43	0.43		
	Free Area (sq. ft.)	1.77	2.33	3.34	3.96	4.77	5.96	5.96		
	Free Area (sq. m.)	0.16	0.22	0.31	0.37	0.44	0.55	0.55		
	Free Area (sq. ft.)	2.16	2.83	4.07	4.83	5.81	7.26	7.26		
	Free Area (sq. m.)	0.20	0.26	0.38	0.45	0.54	0.67	0.67		
	Free Area (sq. ft.)	2.54	3.34	4.80	5.69	6.85	8.56	8.56		
	Free Area (sq. m.)	0.24	0.31	0.45	0.53	0.64	0.80	0.80		
Free Area (sq. ft.)	2.93	3.85	5.53	6.56	7.89	9.86	9.86			
Free Area (sq. m.)	0.27	0.36	0.51	0.61	0.73	0.92	0.92			
Free Area (sq. ft.)	3.31	4.36	6.26	7.42	8.93	11.16	11.16			
Free Area (sq. m.)	0.31	0.40	0.58	0.69	0.83	1.04	1.04			
Free Area (sq. ft.)	3.70	4.86	6.99	8.29	9.97	12.46	12.46			
Free Area (sq. m.)	0.34	0.45	0.65	0.77	0.93	1.16	1.16			

standard air - .075 lbs. per cu. ft.
 Ratings do not include the effect of a bird screen

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 with a single panel. Unusually high wind loading may require structural supports on non-multiple wide and multiple high assemblies. **Structural supports and mounting accessories are not supplied as a standard.**

AAC-1215 Acoustical Louver