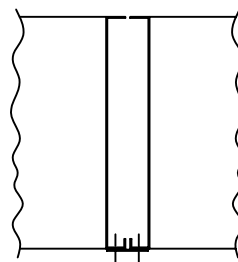
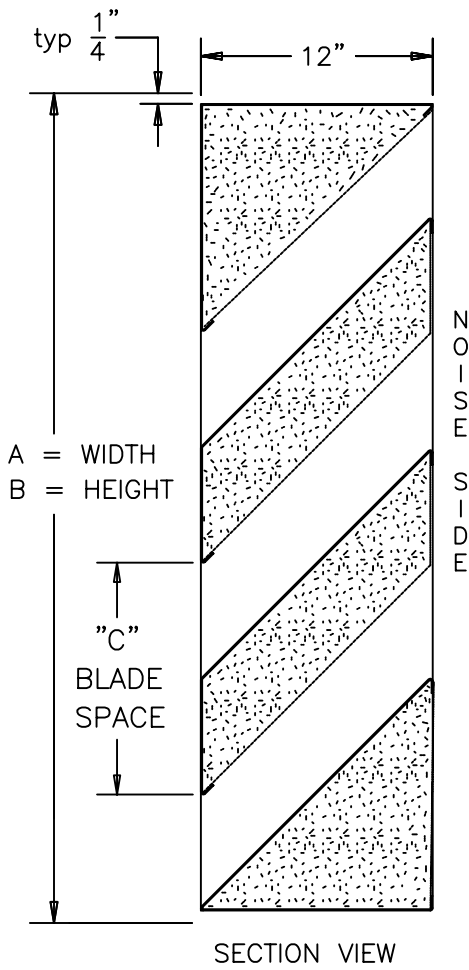


# FABRICATED GALVANIZED, 12" DEEP, HEAVY GAUGE, ACOUSTICAL FIXED TYPE BLADE

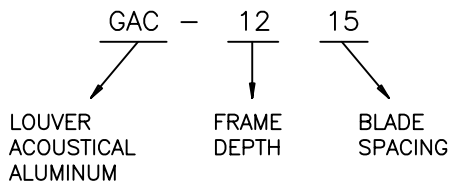
## MODEL GAC-1215 STANDARD SPECIFICATIONS

- FRAME: 12" DEEP, 16 GAUGE GALVANIZED STEEL.
- BLADES: 20 GAUGE GALVANIZED STEEL (NON NOISE SIDE).  
22 GAUGE PERFORATED GALVANNEALED STEEL (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
GAC-1215	15"

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

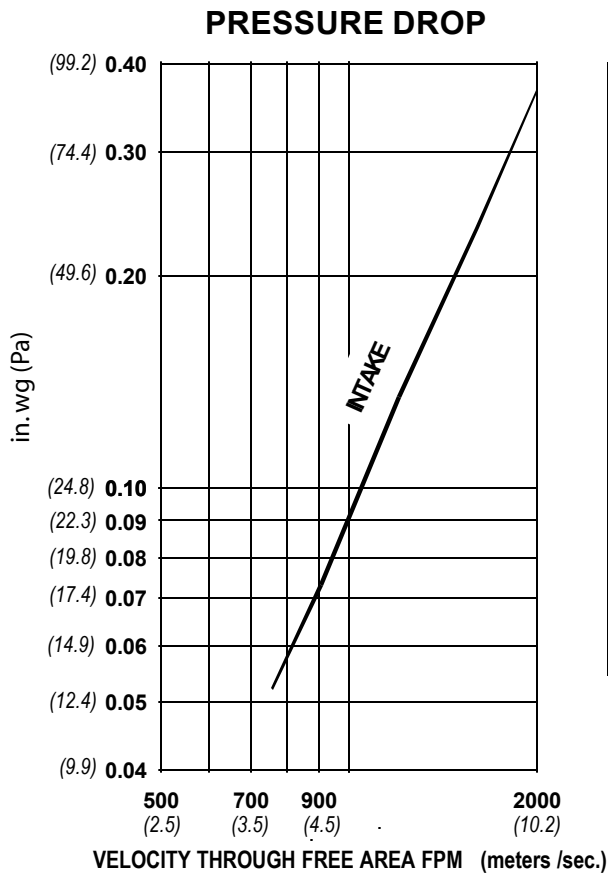
**abi** air balance

A MESTEK COMPANY  
7435 INDUSTRIAL RD FLORENCE, KY  
Phone (419) 865-5000 Fax (419) 865-1375

GAC-1215 ACOUSTICAL LOUVER

DRN. BY ESS	DWG. NO. GAC-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**



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

**FREE AREA IN SQUARE FEET (sq. meters)**

		WIDTH								
		in.	12	24	30	36	42	48	54	60
		mm	304	609	762	914	1066	1219	1371	1524
HEIGHT	31	0.61	1.38	1.77	2.16	2.54	2.93	3.31	3.70	
	787	0.06	0.13	0.16	0.20	0.24	0.27	0.31	0.34	
	36	0.80	1.82	2.33	2.83	3.34	3.85	4.36	4.86	
	914	0.07	0.17	0.22	0.26	0.31	0.36	0.40	0.45	
	48	1.15	2.61	3.34	4.07	4.80	5.53	6.26	6.99	
	1219	0.11	0.24	0.31	0.38	0.45	0.51	0.58	0.65	
	60	1.37	3.10	3.96	4.83	5.69	6.56	7.42	8.29	
	1524	0.13	0.29	0.37	0.45	0.53	0.61	0.69	0.77	
	72	1.65	3.73	4.77	5.81	6.85	7.89	8.93	9.97	
	1828	0.15	0.35	0.44	0.54	0.64	0.73	0.83	0.93	
84	2.06	4.66	5.96	7.26	8.56	9.86	11.16	12.46		
2133	0.19	0.43	0.55	0.67	0.80	0.92	1.04	1.16		
96	2.06	4.66	5.96	7.26	8.56	9.86	11.16	12.46		
2438	0.19	0.43	0.55	0.67	0.80	0.92	1.04	1.16		

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.**

# GAC-1215 Acoustical Louver