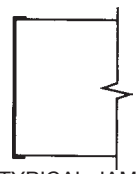
(ENGINEERS)

SUBMITTAL DATA

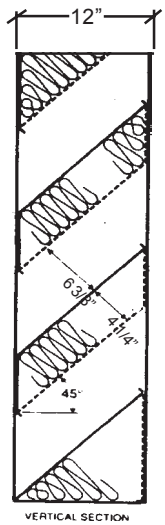
Acoustical Louver

Suggested Specifications:

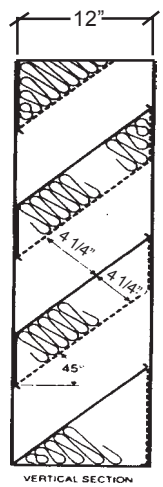
Furnish and install acoustical louver as specified and where shown on plans or as described in schedules. Louver shall be stationary 12" deep. The sound absorbent shall be advanced microfibers composed of polyester and polyolefin. Absorbent shall be capable of being wet and not losing sound absorbing characteristics, such as job site ground storage or severe storms. Sound data shall be certified by an acoustical certified laboratory. Sound ratings shall comply with the following standards: "Recommended Practice for Laboratory measurements for airborne sound transmission loss of building partitions." ASTM designation E90-99 and "standard classification for determination of sound transmission class", ASTM designation E413-73. Louver shall be United Enertech **Model XAC-9 or XAC-6.**



TYPICAL JAMB



Model XAC-9



Model XAC-6

Standard Construction

Frame: 18 gauge galvanized

Blade (air side): 22 gauge galvanized

Blade (noise side): 22 gauge galvanized perforated

Sound Absorber: Advanced Microfibers composed of Polyester and Polyolefin

Louver Size

Opening size less 1/4"

Maximum Louver Width

48"
Larger sizes are made in Sections with Vertical Mullions

Screen

Screen mounted in removable frames. Specify material and size of mesh.
Screen mounted:

- ☐ Interior Side
- ☐ Exterior Side

Options:

Finish

- ☐ Baked Powder Polyester
- ☐ Baked Powder Fluoropolymer 70%

Construction

- ☐ Aluminum
- ☐ Stainless Steel

Model XAC-9

Acoustical Performance *Certified data by Riverbank Acoustical Laboratories*

Selected 1/3 Octave Band Center Frequency HZ	125	250	500	1000	2000	4000	5000
Transmission Loss in Decibles	5.9	6.4	8.8	11.2	11.7	9.6	9.2
Free Field Noise Reduction	10.1	10.9	14.5	18.8	16.5	18.1	18.4

Model XAC-6

Acoustical Performance *Certified data by Riverbank Acoustical Laboratories*

Selected 1/3 Octave Band Center Frequency HZ	125	250	500	1000	2000	4000	5000
Transmission Loss in Decibles	6.5	8.0	12.7	16.7	16.9	12.2	12.1
Free Field Noise Reduction	11.1	12.8	18.0	22.6	23.7	20.6	21.2

Job Name _____

Location _____

Architect _____

Engineer _____

Contractor _____

☐ **MODEL XAC - 6**
☐ **MODEL XAC - 9**

DRAWN BY:	DATE:	REV DATE:
PP	12/01/01	8-10-06
REV NO.:	**APPROVED BY:**	**DWG NO.:**
5	BGT	E-10