United Enertech

(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 poly olefin. 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.**

Suggested Specifications:

Frame:	18 gauge galvanized
Blade (air side):	18 gauge galvanized
Blade (noise side):	20 gauge galvanized perforated
Sound Absorber:	Advanced Microfibers composed of Polyester and Polyolefin

Minimum Louver Size

XAC-6 12"w x 18"h
XAC-9 12"w x 22"h

Maximum Louver Size

48"w x 120"h
Louvers more than 48"w are built in mult. sections

Screen

3/4" x .051" flattened aluminum screen mounted in removable frames.
Screen mounted:

- ☐ Interior Side (std.)
- ☐ Exterior Side

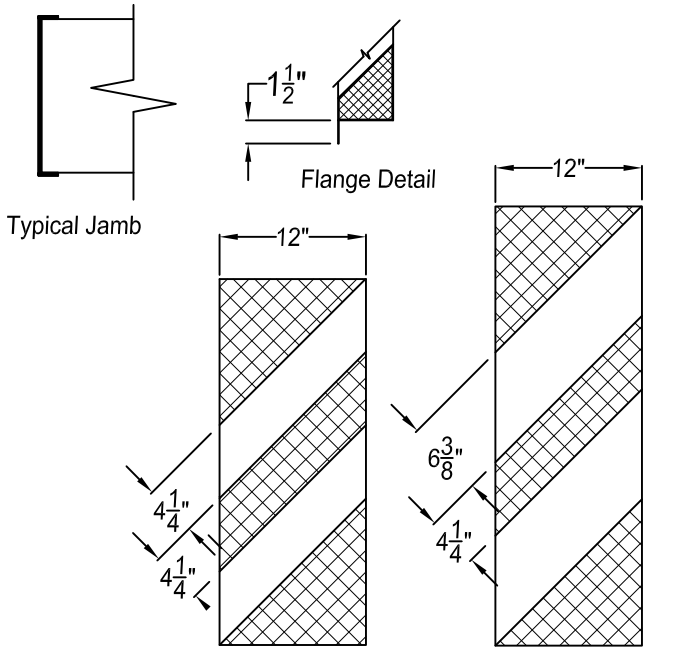
Options

Finish

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

Construction

- ☐ Aluminum
- ☐ Stainless



Model XAC-6

FREE AREA: 26% (based on size 48 x 48)

Model XAC-9

FREE AREA: 32.4% (based on size 48 x 48)

*Louvers are 1/4" Undersized

Model XAC-9

Acoustical Performance — Certified data by Riverbank Acoustical Laboratories

Selected 1/3 Octave Band Center Frezuency HZ	125	250	500	1000	2000	4000
Transmission Loss in Decibles	7	6	9	12	12	10
Free Field Noise Reduction	13	12	15	18	18	16

STC = 11

Model XAC-6

Acoustical Performance — Certified data by Riverbank Acoustical Laboratories

Selected 1/3 Octave Band Center Frezuency HZ	125	250	500	1000	2000	4000
Transmission Loss in Decibles	8	8	13	17	16	12
Free Field Noise Reduction	14	14	19	23	22	18

STC = 15

Job Name:	☐ **Model XAC-6**		
Location:	☐ **Model XAC-9**		
Architect:	DRAWN BY: TBL	DATE: 12-20-07	REV. DATE: 7-24-09
Engineer:	REV. NO. 14	APPROVED BY: BGT	DWG. NO.: **E-10**
Contractor:			