

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 8" 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 **AXF-8**.

Standard Features:

- 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

12"w x 16"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

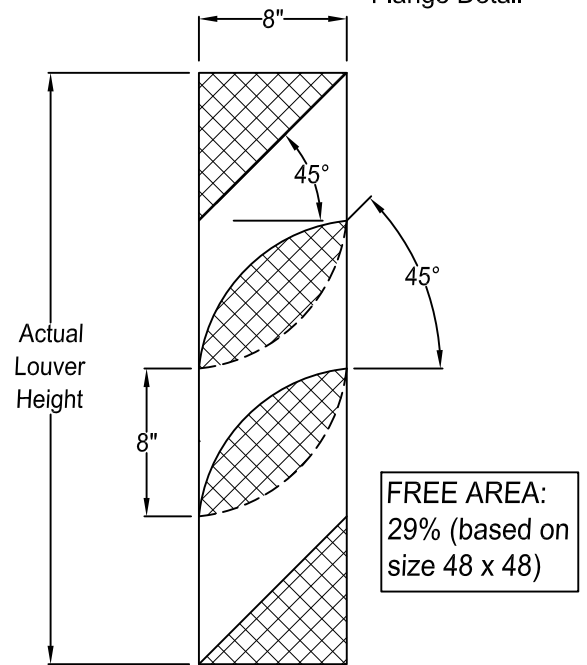
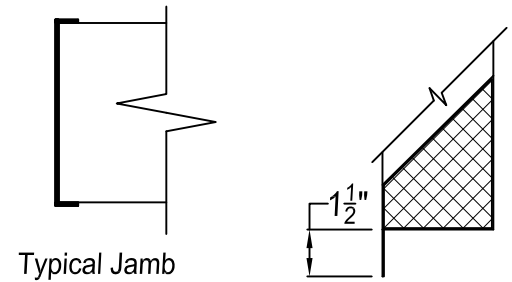
Options

Finish

- Baked Powder Polyester
- Baked Powder Fluoropolymer 70%
- Baked Powder Clear Coat

Construction

- Aluminum
- Stainless



Model AXF-8

*Louvers are 1/4" Undersized

Model AXF-8

Acoustical Performance

Octave Band HZ	63	125	250	500	1000	2000	4000	8000
Free Noise Reduction DB	11	12	11	12	13	13	13	13

To calculate transmission loss (db), subtract the 6 db from the freefield noise reduction (db)

Job Name:	<input type="checkbox"/> Model AXF-8		
Location:			
Architect:	DRAWN BY:	DATE:	REV. DATE:
Engineer:	TBL	12-27-07	11-12-09
Contractor:	REV. NO.	APPROVED BY:	DWG. NO.:
	11	BGT	E-13