

# SUBMITTAL DATA

## MODEL AXF-8

## 8" [203mm] ACOUSTICAL LOUVER

### STANDARD CONSTRUCTION:

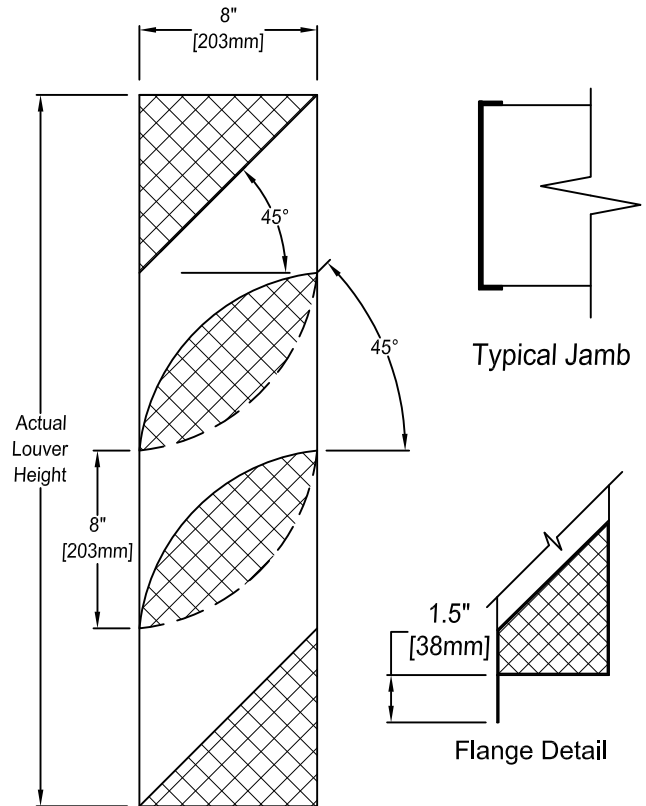
- Frame:** 8" [203mm] Deep x 18 gauge galvanized steel
- Blade (air side):** 18 gauge galvanized steel
- Blade (noise side):** 20 gauge galvanized perforated steel
- Sound Absorber:** Advanced Microfibers composed of Polyester and Polyolefin
- Screen:** 0.75" x 0.051" [19.05mm x 1.30mm] flattened aluminum screen mounted in removable frames.
- Minimum Louver Size:** 12"w x 16"h [305mm x 406mm]
- Maximum Louver Size:** 48"w x 120"h [1219mm x 3048mm]  
Louvers more than 48" [1219mm]w are built in mult. sections

### OPTIONS:

- Flanged Frame (1.5" std.) [38mm]
- Custom Flange (1", 2", or 3") [25mm, 51mm, or 76mm]
- Extended Sill
- Insect Screen (Other Screens Available, See Screen Page)
- Filter Racks (no screen)
- Security Bars
- Hinged Sub Frame
- Welded Construction
- Blank-off, Steel, non-insulated, no screen, non-removable
- Blank-off, Steel, non-insulated, with bird screen or insect screen
- Blank-off, Steel, insulated double wall, with bird screen, removable
- Blank-off, Steel, insulated double wall, no screen, non-removable
- Aluminum Construction
- 304 Stainless Steel Construction
- 316 Stainless Steel Construction

### AVAILABLE FINISHES:

- Powder Polyester TGIC** (2 coats) baked on at 410°F [210° C], 2.5 to 3.5 mils Meets AAMA-2603 Standards
  - Powder Super durable polyester** (2 coats) baked on at 410°F [210° C], 2.5 to 3.5 mils Meets AAMA-2604-05 Standards
  - Acrylic baked enamel** (ACRA-BOND® ULTRA) by AkzoNobel baked on at 350°F [177° C], 0.8 to 1.2 mils dry Meets AAMA-2603 Standards
  - Kynar®** (ALUM\*A\*STAR®) 2 coats by AkzoNobel baked on at 450°F [222° C], 1.2 to 1.6 mils dry Meets AAMA-2604-05 Standards
  - Kynar 500®** or HYLAR® 5000 70% TRINAR® (2 coats) by AkzoNobel baked on at 450°F [222° C], 1.2 to 1.6 mils dry, Meets AAMA-2605-05 Standards
  - Kynar 500®** or HYLAR® 5000 (70% Tri-Escent II) (2 coats) by AkzoNobel, a superior finish to other metallic or anodized finishes. A blend of mica, ceramic, and inorganic pigments creates subtle yet dazzling design that goes beyond metallic color without the requirement of a clear coat. 14 standard colors - custom colors available. Baked on at 415°F [213° C], 1.4 to 1.8 mils dry, meets AAMA 2605-05.
  - Clear Anodize** 204 R-1 Class II (AA-C22A31)(0.4 to 0.7 mil)
  - Clear Anodize** 215 R-1 Class I (AA-C22A41)(>0.7 mil)
  - Integral Color Anodize** (AA-C22A42)(>0.7 mil)
- Clear coat available for all above finishes.
  - Hylar® 5000 is a registered trademark of Solvay Solexis, Inc.
  - Kynar® 500 is a registered trademark of Arkema.
  - ALUM\*A\*STAR® 50 and TRINAR® are registered trademarks of AkzoNobel
  - ACRA-BOND® ULTRA is a registered trademark of AkzoNobel



Model AXF-8

### 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)

\*Width and Height dimensions are approximately 1/4" [6.35mm] under listed size.

Due to continuing research, United Enertech reserves the right to change specifications without notice.



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DRAWN BY:	DATE:	REV. DATE:	REV. NO.	APPROVED BY:	DWG. NO.:
MHM	4-22-10	4-24-13	2	BGT	A-37