

**MODEL AXF-8**

**8" ACOUSTICAL LOUVER**

**STANDARD CONSTRUCTION:**

- Frame:** 8" 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:** .75" x .051" flattened aluminum screen mounted in removable frames.

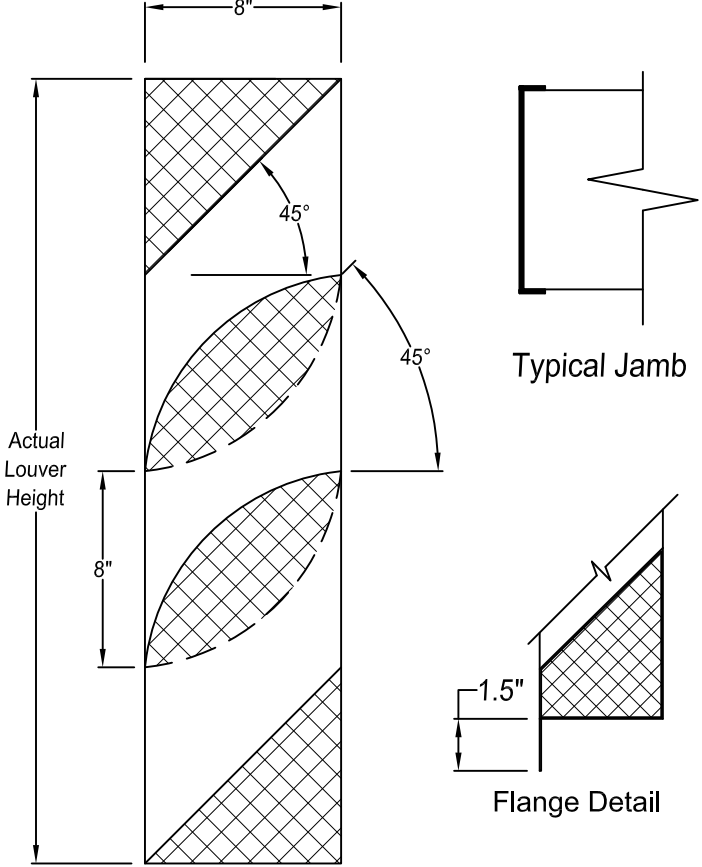
- Minimum Louver Size:** 12"w x 16"h
- Maximum Louver Size:** 48"w x 120"h  
Louvers more than 48"w are built in mult. sections

**OPTIONS:**

- Flanged Frame (1.5" std.)
- Custom Flange (1", 2" , or 3")
- 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-removeable
- 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-removeable
- Aluminum Construction
- 304 Stainless Steel Construction
- 316 Stainless Steel Construction

**AVAILABLE FINISHES:**

- Powder Polyester TGIC** (2 coats) baked on at 410°F, 2.5 to 3.5 mils Meets AAMA-2603 Standards
- Powder Super durable polyester** (2 coats) baked on at 410°F, 2.5 to 3.5 mils Meets AAMA-2604-05 Standards
- Acrylic baked enamel (ACRA-BOND® ULTRA)** by AkzoNobel baked on at 350°F, 0.8 to 1.2 mils dry Meets AAMA-2603 Standards
- Kynar® (ALUM\*A\*STAR®)** 2 coats by AkzoNobel baked on at 450°F, 1.2 to 1.6 mils dry Meets AAMA-2605-05 Standards
- Kynar 500® or HYLAR® 5000 70% TRINAR®** (2 coats) by AkzoNobel baked on at 450°F, 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, 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" under listed size.

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

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| DRAWN BY:<br>MHM | DATE:<br>4-22-10 | REV. DATE:<br>5-20-10 | REV. NO.<br>1 | APPROVED BY:<br>BGT | DWG. NO.:<br>A-37 |
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