

MODEL AXF-12

12" [305mm] ACOUSTICAL LOUVER

STANDARD CONSTRUCTION:

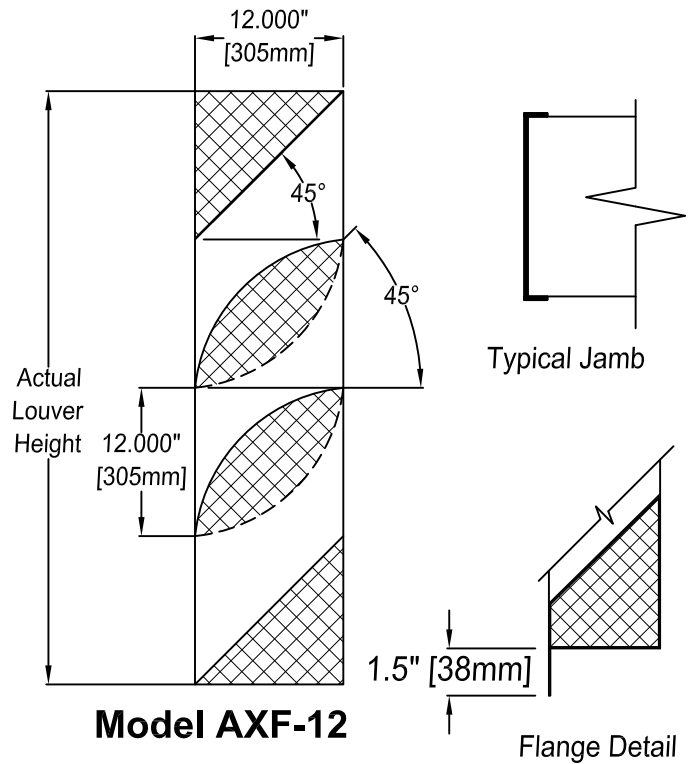
- Frame:** 12" [305mm] Deep x 18 gauge galvanized steel
 - Blade (air side):** 18 gauge galvanized steel
 - Blade (noise side):** 20 gauge galvanized perforated steel
 - Sound Absorber:** Advanced Microfibers composed of Polyester and Polyolefin
 - Screen:** 0.75" x 0.051" [19mm x 1.29mm] flattened aluminum screen mounted in removable frames.
 - Minimum Louver Size:** 12"w x 24"h [305mm x 610mm]
 - Maximum Louver Size:** 48"w x 120"h [1219mm x 3048mm]
- Louvers more than 48" [1219mm]w are built in mult. sections

OPTIONS:

- Screen mounted: Exterior Side
- Flanged Frame (1.5" [38mm] std.)
- 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-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 Const. 316 Stainless Steel Const.

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



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FREE AREA: 30% (based on size 48" x 48") [1219mm x 1219mm]

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Acoustical Performance Certified data by Riverband Acoustical Laboratories

Selected 1/3 Octave Band Center Frequency HZ	125	250	500	1000	2000	4000
Transmission Loss in Decibels	6	5	8	11	10	8
Free Field Noise Reduction	12	11	14	17	16	14
						STC = 9

*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: MHM	DATE: 4-21-10	REV. DATE: 4-17-13	REV. NO. 3	APPROVED BY: BGT	DWG. NO.: A-36
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