



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]

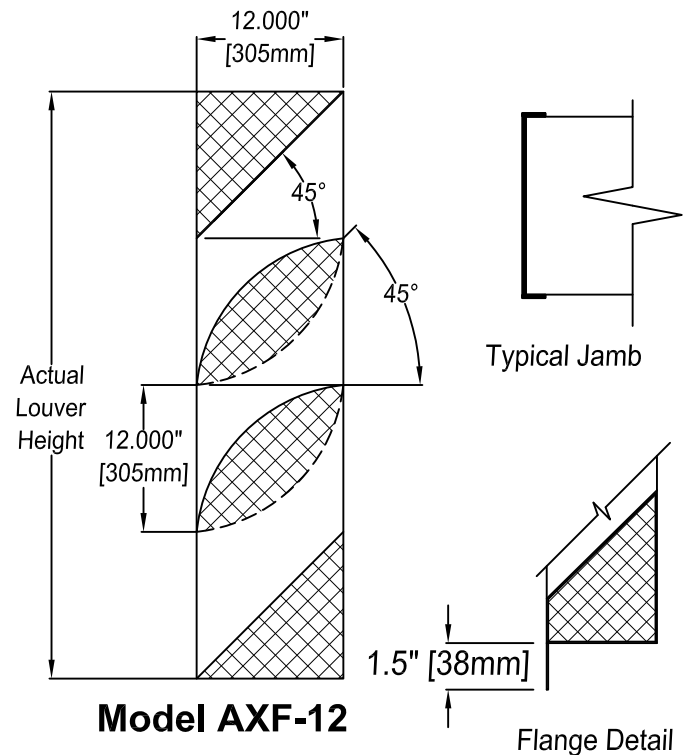
Louvers more than 48" [1219mm]w are built in mult. sections

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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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.

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