



## MODEL XAC-6 / XAC-9

## 12" [305mm] DEEP ACOUSTICAL LOUVERS

**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" [19.05mm x 1.30mm] flattened aluminum screen mounted in removable frame.

**Minimum Louver Size:** XAC-6 12"w x 18"h [305mm x 457mm]  
XAC-9 12"w x 22"h [305mm x 559mm]

**Maximum Louver Size:** 48"w x 120"h [1219mm x 3048mm]  
Louvers more than 48"w [1219mm] are built in mult. sections

**OPTIONS:**

- ☐ Flanged Frame (1.50" 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-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

**Model XAC-9**

Acoustical Performance   Certified data by Riverbank Acoustical Laboratories

Selected 1/3 Octave Band Center Frequency HZ	125	250	500	1000	2000	4000
Transmission Loss in Decibels	7	6	9	12	12	10
Free Field Noise Reduction	13	12	15	18	18	16

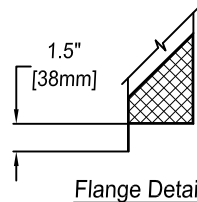
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**Model XAC-6**

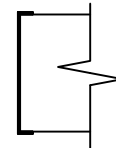
Acoustical Performance   Certified data by Riverbank Acoustical Laboratories

Selected 1/3 Octave Band Center Frequency HZ	125	250	500	1000	2000	4000
Transmission Loss in Decibels	8	8	13	17	16	12
Free Field Noise Reduction	14	14	19	23	22	18

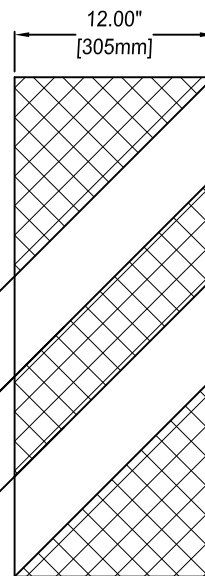
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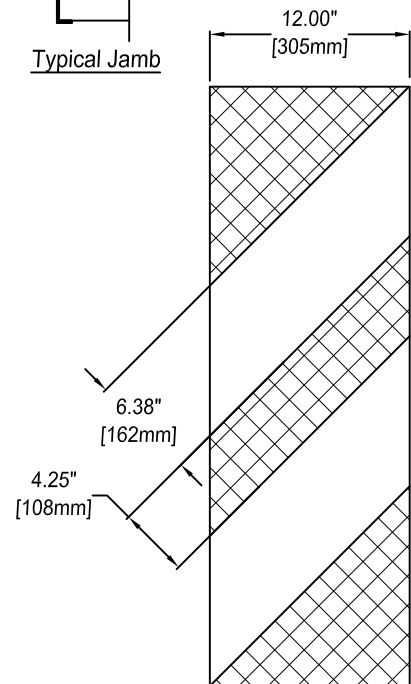
Flange Detail



Typical Jamb

**Model XAC-6**

FREE AREA: 26% (based on size 48" x 48") [1219mm x 1219mm]

**Model XAC-9**

FREE AREA: 32.4% (based on size 48" x 48") [1219mm x 1219mm]

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

**MODEL XAC-6 & 9****(Straight Blade 12" [305mm] Deep Acoustical Louvers)**