

## 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   |

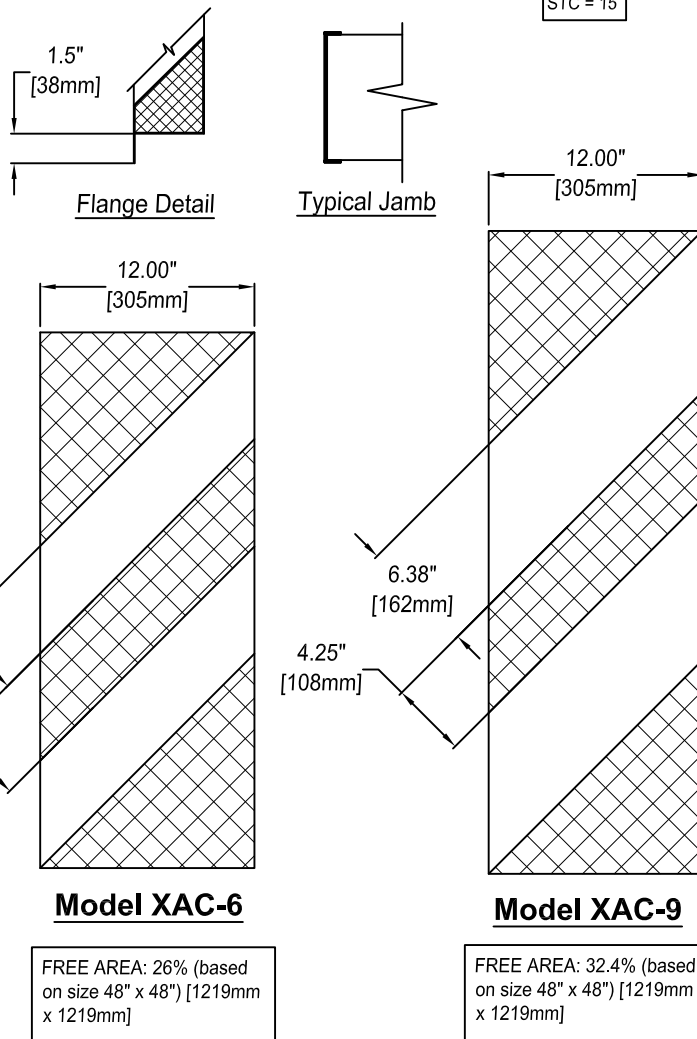
STC = 11

#### 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   |

STC = 15



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

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|------------------|------------------|-----------------------|---------------|---------------------|--------------------------|
| DRAWN BY:<br>MHM | DATE:<br>4-22-10 | REV. DATE:<br>4-24-13 | REV. NO.<br>2 | APPROVED BY:<br>BGT | DWG. NO.:<br><b>A-39</b> |
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