Model: IC-436/EAD
Extruded Aluminum Louver - Mounting Option #3 Shown
Sleeved with Flanged Bottom Sill with Extruded Aluminum Damper

Application:
IC-436 is an extruded louver designed specifically to meet the following Miami-Dade County test requirements and protocols:
- ASTM E330-02 (Uniform Static Air Pressure Test)
- TAS 202-94 (Uniform Static Air Pressure Test)

Based on single section testing of an 84"w x 120"h and a 48"w x 48"h sample with a maximum design load pressure of 60-psf.

IC-436-3 Standard Specifications:
Frame: Heavy gauge 4" x .080" thick 6063T5 extruded aluminum. Bottom sill extension.
Blade: Drainable design .080" thick 6063T5 extruded aluminum, mechanically fastened to jambs, set on 36 degree angles. (Bottom blade opening varies).
Birdscreen: Standard .0516 x 3/4" flattened expanded aluminum.
Anchor Clips: 2" x 2" x 3/16" continuous angle
Minimum Size: 8"w x 8"h
Maximum Size: 84"w x 120"h Single section, unlimited width x 120"h sectional.

EAD Standard Specifications
Frame: Extruded aluminum .080" thick 6063-T5 alloy
Blades: Airfoil shaped extruded aluminum .064" thick 6063-T5 alloy spaced on 6" centers.
Linkage: Concealed in jamb
Jamb Seals: Aluminum or stainless steel
Blade Seals: Silicone
Bearings: 1/2" I.D. nylon
Axels: 1/2" plated square
Control Shaft: 3" long x 1/2" square
Minimum Size: 8"w x 8"h
Maximum Size: Single section 42"w x 60"h

Options:
- Insect Screen
- Mill Finish (standard)
- Enamel Finish
- Kynar Finish
- Anodized Finish
- Approved Wedge Anchors

Features:
- Louver may be used in approved masonry or wood structure walls.
- 58% Free Area
- Published performance ratings based on testing in accordance with AMCA Standard 500-L

Note: All IC-436 louvers are built 1/2" under size both directions unless ordered actual size.
Model: IC-436/EAD

Extruded Aluminum Louver - Mounting Option #4 Shown
Flanged Sleeve with Flanged Bottom Sill with Extruded Aluminum Damper

Application:
IC-436 is an extruded louver designed specifically to meet the following Miami-Dade County test requirements and protocols:
- **ASTM E330-02** (Uniform Static Air Pressure Test)
- **TAS 202-94** (Uniform Static Air Pressure Test)

Based on single section testing of an 84”w x 120’h and a 48”w x 48’h sample with a maximum design load pressure of 60-psf.

Standard Specifications:
- **Frame**: Heavy gauge 4” x .080” thick 6063T5 extruded aluminum. Bottom sill extension
- **Blade**: Drainable design .080” thick 6063T5 extruded aluminum, mechanically fastened to jambs, set on 36 degree angles. (Bottom blade opening varies)
- **Birdscreen**: Standard .0516 x 3/4” flattened expanded aluminum.
- **Anchor Clips**: 2” x 2” x 3/16” continuous angle.
- **Minimum Size**: 8’w x 8’h
- **Maximum Size**: 84’w x 120’h single section. Unlimited Width x 120’h multi-sectional

**EAD Standard Specifications**
- **Frame**: Extruded aluminum .080” thick 6063 -T5 alloy
- **Blades**: Airfoil shaped extruded aluminum .064” thick 6063-T5 alloy spaced on 6” centers.
- **Linkage**: Concealed in jamb
- **Jamb Seals**: Aluminum or stainless steel
- **Blade Seals**: Silicone
- **Bearings**: 1/2” I.D. nylon
- **Axels**: 1/2” plated square
- **Control Shaft**: 3” long x 1/2” square
- **Minimum Size**: 8’w x 8’h
- **Maximum Size**: Single section 42”w x 60’h

Options:
- Insect Screen
- Mill Finish (standard)
- Enamel Finish
- Kynar Finish
- Anodized Finish
- Approved Wedge Anchors

Features:
- Louver may be used in approved masonry or wood structure walls.
- 58% Free Area
- Published performance ratings based on testing in accordance with AMCA Standard 500-L

Note: All IC-436 louvers are built 1/2” under size both directions unless ordered actual size.

AireTechnologies.com | 1-866-421-AIRE
210 5th Street
Charleroi, PA 15022

Tomorrow’s Solutions Shipped Today
The performance shown is done at standard air density, 0.075 lbs/ft³. The pressure drop data applies to the intake side of the test unit that was 48" x 48" only.

Aire Technologies, Inc. certifies that the Model IC-436 - Horizontal Blade Louver shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to air performance and water penetration ratings.

Beginning of water penetration per AMCA Publication 511 Subsection C3.2 based on AMCA measured free area: 868.8 fpm. Test duration was 15 min and test size was 48" x 48".

Test Information
Tested in accordance with ANSI/AMCA 500-L, Figure 5.5 Test sample size is 1220 mm x 1220 mm (48 in. x 48 in.) Air performance data are based on intake performance.