MODEL EAV-66
Miami-Dade HVHZ Louver • 6" Deep • Vertical Chevron Blades • Stationary • Extruded Aluminum

Standard Materials and Construction

FRAME: Head and Sill: .125" thick (nominal) extruded aluminum alloy 6063-T52/T6.
Jambs: .080" thick (nominal) extruded aluminum alloy 6063-T52/T6.
BLADE: .081" thick (nominal) extruded aluminum, 6063-T52/T6 alloy.
SILL PAN: .060" thick (nominal) formed aluminum.
SCREEN: (Located on interior.) 1/2" removable expanded aluminum bird screen.
FINISH: Mill

Test Methods
Miami-Dade County Florida Test Protocols:
• TAS-100(A)-95
• TAS (PA) 201
• TAS (PA) 202
• TAS (PA) 203

Options
Finish - Baked Enamel, Kynar, Anodize
Concealed Mullion

Notes
1. Nominal deductions will be made to the opening size given.
2. Panel width not to exceed 96”. Panel height not to exceed 96”. Panel square footage not to exceed 32 sq. ft.
3. Unlimited assembly width utilizing standard mullions or optional concealed mullions. Assembly height limited to a single panel. Consult factory for openings greater than 96” high.
4. Approximate shipping weight is 7.0 lbs./sq.ft.

Louver Sizes

<table>
<thead>
<tr>
<th>Min Panel</th>
<th>Max Single Panel</th>
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<tbody>
<tr>
<td>18&quot;W x 18&quot;H</td>
<td>See Note 2</td>
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</tbody>
</table>

Opening Height (in.)

<table>
<thead>
<tr>
<th>Max</th>
</tr>
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<tr>
<td>½&quot;</td>
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Windload requirements may limit panel sizes.

Substrates
Qualified substrates are steel, 3000-PSI concrete, or southern pine.

Visit our Miami-Dade Listing Page for the latest NOA information:
https://goo.gl/DJ5UtM
Performance Data

Pressure Drop: .164 in. w.g. (40.6 Pa) at 1250 fpm (6.35 m/s)
Free Area: 7.85 sq.ft. (0.729 m²) = 49.1% for 48"W x 48"H (1.22m x 1.22m) sample tested in accordance with AMCA Standard 500-L.
Missile Impact: “Enhanced Protection” Rated at 55 mph (80 m/s) per ASTM 1886/1996.

Free Area sq.ft. (sq. meters)

<table>
<thead>
<tr>
<th>Width in. (mm)</th>
<th>18&quot; (457)</th>
<th>24&quot; (610)</th>
<th>36&quot; (914)</th>
<th>48&quot; (1219)</th>
<th>60&quot; (1524)</th>
<th>72&quot; (1829)</th>
<th>84&quot; (2134)</th>
<th>96&quot; (2438)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure Drop in. w.g. (PA)</td>
<td>0.88 (0.022)</td>
<td>1.22 (0.031)</td>
<td>1.95 (0.049)</td>
<td>2.64 (0.062)</td>
<td>3.38 (0.081)</td>
<td>4.11 (0.102)</td>
<td>4.80 (0.144)</td>
<td>5.55 (0.151)</td>
</tr>
<tr>
<td>Height in. (mm)</td>
<td>2.63 (0.024)</td>
<td>3.44 (0.032)</td>
<td>5.65 (0.055)</td>
<td>7.85 (0.072)</td>
<td>9.83 (0.093)</td>
<td>12.04 (0.118)</td>
<td>14.02 (0.132)</td>
<td>16.22 (0.157)</td>
</tr>
<tr>
<td>Core Velocity FPM (m/s)</td>
<td>18°</td>
<td>24°</td>
<td>36°</td>
<td>48°</td>
<td>60°</td>
<td>72°</td>
<td>84°</td>
<td>96°</td>
</tr>
</tbody>
</table>
| Intake air converted to standard air density. Tested to AMCA Standard 500-L, Figure 5.5. Ratings do not include effects of a screen. Test based on 48" x 48" sample size per AMCA Standard 511.

Wind Driven Rain Performance - 29 mph (46.7 kph) with 3 in/hr (76 mm/hr)

Wind Driven Rain Performance - 50 mph (80.5 kph) with 8 in/hr (203 mm/hr)

Arrow United Industries certifies that the Model EAV-66 shown herein is approved to bear the AMCA Listing Label. The ratings shown are based on tests and procedures performed in accordance with AMCA Publications and comply with the requirements of the AMCA Listing Label Program.

The AMCA Listing Label applies to Wind Borne Debris Impact Resistant Louvers.

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https://goo.gl/DJ5UtM

450 Riverside Dr • Wyalusing PA, 18853 • Phone 570-746-1888 • Fax 570-746-9286
AUI-09-01-06
Standard Boxed Frame Louver Model EAV-66

Installation Instructions

Notes
1. Mounting angles can be installed with “legs in” or “legs out” for any approved substrate.
2. “Legs out” is the standard construction, “legs in” is optional.
3. The Flanged Sleeve option can be used with any approved substrate.
4. Use shims to obtain uniform clearance between the louver and the louver opening on all sides. Shims are provided by others.
5. Sealant between flanged angle sleeve and the substrate provided by installer.
6. Two mounting angles run the full width of the louver.

Visit our Miami-Dade Listing Page for the latest NOA information:
https://goo.gl/DJ5UtM
Flanged Frame Louver Model EAV-66

Installation Instructions

Notes
1. Mounting clip angles can be installed with “legs in” or “legs out” for any approved substrate.
2. “Legs out” is the standard construction, “legs in” is optional.
3. The Flanged Sleeve can be used with any approved substrate.
4. Use shims to obtain uniform clearance between the louver and the louver opening on all sides. Shims are provided by others.
5. Sealant between flanged angle sleeve and the substrate provided by installer.
6. Two mounting angles run the full height and length of louver.

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https://goo.gl/DJ5UtM
Flanged Frame Louver Model EAV-66

Installation Instructions

For TAS-100 Approved Model EAV-66 Louver/Damper

Notes
1. The Flanged Sleeve option can be used with any approved substrate.
2. Use shims to obtain uniform clearance between the louver and the louver opening on all sides. Shims are provided by others.
3. Sealant between flanged angle sleeve and the substrate provided by installer.
4. Two mounting angles run the full width of the louver.