MODEL A328
3" Deep • Vertical Blade • Rain Resistant • Extruded Aluminum Storm Louver

STANDARD MATERIALS AND CONSTRUCTION
FRAME: .081" thick nominal; 6063-T6/T52 extruded aluminum alloy
BLADES: .050" thick nominal; 6063-T6/T52 extruded aluminum alloy
BLADE SPACING: .5125"
ASSEMBLY: Mechanically fastened
SCREEN: 1/2" x .051" flattened aluminum birdscreen
FINISH: Mill

OPTIONS
Finish - Baked Enamel, Kynar, or Anodize
Variety of Bird and Insect Screen
1/4" Usable Flange Frame (3 Sides Only)
Welded Construction
Blank-off Panels

NOTES
1. "A" width and "B" height are opening dimensions. Louvers are provided approximately 1/2" undercut.
2. Shipping weight approximately 7 lbs./sq.ft.

LOUVER SIZES

<table>
<thead>
<tr>
<th>Panels</th>
<th>Min Panel</th>
<th>Max Single Panel</th>
</tr>
</thead>
<tbody>
<tr>
<td>A328</td>
<td>12&quot;W x 12&quot;H</td>
<td>60&quot;W x 96&quot;H</td>
</tr>
</tbody>
</table>
**MODEL A328**

3" Deep • Vertical Blade • Rain Resistant • Extruded Aluminum Storm Louver

**Pressure Drop:** 0.085 in.wg at 1000 fpm and 7,060 scfm  
**Free Area:** 7.06 sq.ft. = 44% for 48"W x 48"H test size

Ratings do not include the effect of birdscreen.

### Intake Pressure Drop

<table>
<thead>
<tr>
<th>Wind Velocity (mph)</th>
<th>Rainfall Rate (in/hr)</th>
<th>Core Area Velocity (fpm)</th>
<th>Airflow (cfm)</th>
<th>Free Area Velocity (fpm)</th>
<th>Effectiveness Ratio</th>
<th>Class</th>
<th>Discharge Loss Coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>3</td>
<td>659</td>
<td>7415</td>
<td>1451</td>
<td>100%</td>
<td>A</td>
<td>i</td>
</tr>
<tr>
<td>50</td>
<td>8</td>
<td>683</td>
<td>7352</td>
<td>1439</td>
<td>99.5%</td>
<td>A</td>
<td>i</td>
</tr>
</tbody>
</table>

### Wind Driven Rainwater Penetration Test Conducted to AMCA Standard 500-L-99

**Test Size:** 1m x 1m Core Area, Nominal Louver Free Area 5.11sq.ft

**Discharge Loss Coefficient Classifications**

<table>
<thead>
<tr>
<th>Class</th>
<th>Effectiveness %</th>
<th>Discharge Loss Coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1 - 0.99%</td>
<td>1 0.4 and Above</td>
</tr>
<tr>
<td>B</td>
<td>0.989 - 0.85%</td>
<td>2 0.3 - 0.399</td>
</tr>
<tr>
<td>C</td>
<td>0.949 - 0.80%</td>
<td>3 0.20 - 0.299</td>
</tr>
<tr>
<td>D</td>
<td>Below 0.80%</td>
<td>4 0.199 and Below</td>
</tr>
</tbody>
</table>

**AMCA Certified Ratings**

Air Balance certifies that the Model A328 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with the AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified ratings seal applies to Air Performance Ratings and Wind Drive Rain Ratings.

1. **Core Area** is the front opening of a louver assembly with the blades removed.
2. **Core Area Velocity** is the airflow rate through the louver divided by the core area (39.37" x 39.37").
3. **Free Area** is the minimum area through which air can pass. It is determined by multiplying the sum of the minimum distances between intermediate blades, top blade and head, bottom blade and sill, by the minimum distance between jams.
4. **Discharge Loss Coefficient** is calculated by dividing a louver actual airflow rate vs. a theoretical airflow for the opening.

Providing an indication of the louver airflow characteristics.