MODEL A320

Miami-Dade HVHZ Louver ▲ 6" Deep ▲ Drainable Blades ▲ Stationary ▲ Extruded Aluminum

STANDARD MATERIALS AND CONSTRUCTION

- **FRAME:** .125" thick (nominal) extruded aluminum, 6063-T52/T6 alloy. Welded construction.
- **BLADE:** .081" thick (nominal) extruded aluminum, 6063-T52/T6 alloy, mechanical fastening construction. Blades approximately 4" on centers.
- **LOUVER FACE:** Full width sill with head and blades contained within jambs.
- **SCREEN:** (When indicated, in a removable frame.)
  - .063" dia.
  - .011" dia. aluminum wire, insect screen.
- **FINISH:** Mill

TEST METHODS

Miami-Dade County Florida Test Protocols:
- TAS (PA) 201
- TAS (PA) 202
- TAS (PA) 203

OPTIONS

Finish - Baked Enamel, Kynar, Anodize
Extended Sill Flashing - available with Mill, Painted, or Anodized finishes.

NOTES

1. Nominal deductions will be made to the opening size given.
2. Panels over 48" wide will have a 2" x 2" x ¼" vertical interior blade support angle at approximate center of panels.
3. Approximate shipping weight is 6.0 lbs./sq.ft.

LOUVER SIZES

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

Windload requirements may limit panel sizes.

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https://goo.gl/zc9VI

In the interest of product development, Air Balance reserves the right to make changes without notice.

450 Riverside Dr • Wyallaing PA, 18853 • Phone 570-746-1888 • Fax 570-746-9286

AB-09-01-04
Performance Data

Pressure Drop: 0.14 in. w.g. at 1000 fpm (intake)
Free Area: 9.24 sq.ft. (0.858 sq.m.) = 58% for 48"W x 48"H sample tested in accordance with AMCA Standard 500-L.
Beginning Point of Water Penetration: Above 1250 fpm (11,550 cfm)

Ratings do not include effects of a screen.

* AMCA Standard 500 limits testing of Water Penetration to either a maximum velocity of 1250 FPM or 2.5 ounces of water per square foot of louver Free Area.

Free Area (sq.ft.)

<table>
<thead>
<tr>
<th>Height in. (mm)</th>
<th>12&quot; (305)</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>Width in. (mm)</td>
<td>0.16 (0.016)</td>
<td>0.43 (0.043)</td>
<td>0.69 (0.069)</td>
<td>0.94 (0.094)</td>
<td>1.16 (0.116)</td>
<td>1.42 (0.142)</td>
<td>1.67 (0.167)</td>
<td>1.93 (0.193)</td>
</tr>
<tr>
<td></td>
<td>0.49 (0.049)</td>
<td>1.70 (0.170)</td>
<td>2.70 (0.270)</td>
<td>3.71 (0.371)</td>
<td>4.59 (0.459)</td>
<td>5.69 (0.569)</td>
<td>6.60 (0.660)</td>
<td>7.60 (0.760)</td>
</tr>
<tr>
<td></td>
<td>1.21 (0.121)</td>
<td>2.96 (0.296)</td>
<td>4.72 (0.472)</td>
<td>6.47 (0.647)</td>
<td>8.01 (0.801)</td>
<td>9.76 (0.976)</td>
<td>11.52 (1.152)</td>
<td>13.27 (1.327)</td>
</tr>
<tr>
<td></td>
<td>1.72 (0.172)</td>
<td>4.23 (0.423)</td>
<td>6.73 (0.673)</td>
<td>9.24 (0.924)</td>
<td>11.43 (1.143)</td>
<td>13.93 (1.393)</td>
<td>16.44 (1.644)</td>
<td>18.94 (1.894)</td>
</tr>
<tr>
<td></td>
<td>2.24 (0.224)</td>
<td>5.49 (0.549)</td>
<td>8.75 (0.875)</td>
<td>12.00 (1.200)</td>
<td>14.85 (1.485)</td>
<td>18.11 (1.811)</td>
<td>21.36 (2.136)</td>
<td>24.62 (2.462)</td>
</tr>
<tr>
<td></td>
<td>2.75 (0.275)</td>
<td>6.70 (0.670)</td>
<td>10.72 (1.072)</td>
<td>14.77 (1.477)</td>
<td>18.27 (1.827)</td>
<td>22.28 (2.228)</td>
<td>26.28 (2.628)</td>
<td>30.29 (3.029)</td>
</tr>
<tr>
<td></td>
<td>3.72 (0.372)</td>
<td>8.02 (0.802)</td>
<td>12.78 (1.278)</td>
<td>17.53 (1.753)</td>
<td>21.69 (2.169)</td>
<td>26.45 (2.645)</td>
<td>31.20 (3.120)</td>
<td>35.86 (3.586)</td>
</tr>
<tr>
<td></td>
<td>4.38 (0.438)</td>
<td>9.19 (0.919)</td>
<td>14.79 (1.479)</td>
<td>20.30 (2.030)</td>
<td>25.12 (2.512)</td>
<td>30.62 (3.062)</td>
<td>36.13 (3.613)</td>
<td>41.63 (4.163)</td>
</tr>
</tbody>
</table>

Air Balance certifies that the Model A320 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 Water Penetration and Air Performance Ratings only.

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https://goo.gl/2kZ9VI

*The Beginning Point of Water Penetration is above 1250 FPM through the Face Free Area of the Louver.
STANDARD BOXED FRAME MODEL A320

INSTALLATION INSTRUCTIONS

NOTES
1. Mounting clip angles and mullion support 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. Use shims to obtain uniform clearance between the louver and the louver opening on all sides. Shims are by others.

4. Shims under sill pans must allow enough space to insert “leg in” option into the opening.

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FLANGED SLEEVE MODEL A320

INSTALLATION INSTRUCTIONS

NOTES
1. Mounting clip angles and mullion support 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 by others.

5. Sealant/caulk between flanged angle sleeve and substrate (typ. 4 sides) by installer.

6. Two mounting angles run the full height and length of louver.
TAS-100 APPROVED FLANDED SLEEVE MODEL A320 WITH DAMPER

INSTALLATION INSTRUCTIONS

NOTES
1. Mounting clip angles and mullion support angles can be installed with "legs in" or "legs out" for any approved substrate.

2. The flanged sleeve can be used with any approved substrate.

3. Use shims to obtain uniform clearance between the louver and the louver opening on all sides. Shims are by others.

4. Sealant/caulk between flanged angle sleeve and substrate (typ. 4 sides) by installer.

5. Two mounting angles run the full height and length of louver.