FRAME:
Extruded aluminum frame available in .081" thk., or .125" thk. (nominal) 6063-T6/T52 Alloy.

BLADE:
Stationary Blades are 37° extruded aluminum .081" thk. (nominal) of 6063-T6/T52 alloy, approximate 3" on centers.

Face of Louver: Full width sill with head and blades contained within jambs.

Screens:
(When indicated, in a removable frame)
Bird Screen - 1/2" Flattened Aluminum, .051" thk.
OR - 1/2" sq. mesh intermediate double crimped aluminum wire, .063" dia.
OR - 18/16 mesh, .011" dia. aluminum wire insect screen.

Finish: Mill.

Minimum Panel Size: 12" x 12"
Maximum Panel Size: Single panel size, 40 sq. feet section size. Louver larger than the maximum factory assembled size will require field assembly of smaller louver sections.

LOUVER PERFORMANCE STATEMENT
The Airline Model AS4D37HP shall be fabricated to provide a minimum of (61%), 9.63 square feet of free area for a 48" x 48" size louver, and bear the AMCA Certified Rating Program Seal for Air Performance and Water Penetration. The rating shall show a beginning point of water penetration at .01 ounces per square foot of free area to be 909 feet per minute (8754) cubic feet per minute with .13 inches water gauge pressure drop at 1000 fpm air intake.

For AMCA certified ratings authorized by AMCA - See reverse side

Nominal Deductions will be made to the opening size given

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>OPENING SIZE</th>
<th>LOUVER SIZE</th>
<th>OPTIONAL ACCESSORIES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>&quot;A&quot; WIDTH</td>
<td>&quot;B&quot; HEIGHT</td>
<td>&quot;A&quot; WIDTH</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PROJECT:  
ARCH/ENGR:  
CONTRACTOR:  
DATE:  
LOCATION:  

1020 Prince Frederick Blvd. Suite 305 • Prince Frederick, MD 20687 • Phone: (570) 420-7079 • Fax: (570) 420-7078
Test of a 48" x 48" sample according to AMCA Standard 500-L shows beginning point of water penetration to be 909 fpm. through the free area of the louver, with less than .13" w.g. pressure drop at 1000 fpm. (intake).

Ratings Do Not Include Effects Of Birdscreen.

### Pressure Drop

- **Model AS4D37HP**
- **Test Unit Size 48" x 48"**

### Water Penetration

- **Model AS4D37HP**
- **Test Unit Size 48" x 48"**

### Performance Date

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

1020 Prince Frederick Blvd. Suite 305 • Prince Frederick, MD 20687 • Phone: (570) 420-7079 • Fax: (570) 420-7078

Airline Louvers certifies that the Model AS4D37HP shown herein is licensed to bear the AMCA Seal. The rating 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 seal applies to Air Performance and Water Penetration rating only.