FRAMES:
Extruded aluminum 4” deep channel frame available in .081” thk. or .125” thk. (nominal) 6063-T6/T52 Alloy

BLADE:
Stationary Blades are 37° extruded aluminum .081” thk. or .125” thk. (nominal) of 6063-T6/T52 alloy approximate 3 1/2” 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: 60” x 96”

LOUVER PERFORMANCE STATEMENT

The Airline Model AS4D37H shall be fabricated to provide a minimum of (57%), 9.07 square feet of free area for a 48” x 48” size louver, and bear the AMCA Certified Rating Performance and Water penetration. The rating shall show a beginning point of water penetration at .01 ounces per square foot of free area velocity of 868 feet per minute (7873) cubic feet per minute with .105 inches water gauge pressure drop for 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>“A” WIDTH</td>
<td>“B” HEIGHT</td>
<td>“A” WIDTH</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
<td>VERT</td>
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</tbody>
</table>

PROJECT:  
ARCH/ENGR:  
REPRESENTATIVE:  
LOCATION:  
CONTRACTOR:  
DATE:
AS4D37H

Performance Test

Test of a 48" x 48" sample by an AMCA accredited laboratory according to AMCA Standard 500 shows low water penetration. Test shows less than .02 oz. per sq. ft. water penetration at 905 fpm (free area velocity) with less than .12" w.g. pressure drop (intake).

Ratings Do Not Include Effects Of Birdscreen.

Pressure Drop

Water Penetration

Velocity (fpm) x 100 Thru Free Area
Intake Air Converted to Standard Air Density Tested To AMCA Figure 5.5

Velocity (fpm) Thru Free Area
868 (fpm) Beginning of Water Penetration

FREE AREA (SQ. FT.)

<table>
<thead>
<tr>
<th>WIDTH</th>
<th>12&quot;</th>
<th>18&quot;</th>
<th>24&quot;</th>
<th>30&quot;</th>
<th>36&quot;</th>
<th>42&quot;</th>
<th>48&quot;</th>
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<tr>
<td>12&quot;</td>
<td>0.33</td>
<td>0.53</td>
<td>0.74</td>
<td>0.95</td>
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<td>1.36</td>
<td>1.57</td>
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<td>0.80</td>
<td>1.30</td>
<td>1.81</td>
<td>2.31</td>
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<td>2.05</td>
<td>2.84</td>
<td>3.64</td>
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<td>9.97</td>
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<tr>
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<td>18.29</td>
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Airline Louvers certifies that the Model AS4D37H 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 S11 and comply with the requirements of the AMCA Certified ratings seal applies to Air Performance and Water Penetration rating only.

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

1020 Prince Frederick Blvd. Suite 305 • Prince Frederick, MD 20678 • Phone: (570) 420-7079 • Fax: (570) 420-7078
AS4D37H  Continuous Line

**FRAME:**
Extruded aluminum channel frame available in .081" thk., 6063-T52 Alloy and .125" thk. (Nominal)

**BLADE:**
Stationary Blades are 37° extruded aluminum .080" thk. or .125" thk. of 6063-T6 alloy, approximate 3 1/2" 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

Louvers Shall Withstand A Wind Load Of 20 PSF
Consult Factory To Substitute Other Load Requirements.

**DRAIN PAN DETAIL**
A drain pan will be provided for all architectural continuous line louvers

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>
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**PROJECT:**

**ARCH/ENGR:**

**REPRESENTATIVE:**

**LOCATION:**

**CONTRACTOR:**

**DATE:**