**FRAME:**
Extruded aluminum 4" deep frame available in .081" thk., or .125: thk. (nominal) 6063-T6/T52 alloy.

**BLADES:**
Stationary blades are extruded aluminum .081" thk, or .125" thk. (nominal) of 6063-T6/T52 alloy, approximate 4" 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 AS4B45H shall be fabricated to provide a minimum of (56%), 9.02 square feet of free area for a 48" x 48" size louver with 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 at a free area velocity of 932 feet per minute, (8407) cubic feet per minute, with .125 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
AS4B45H

Performance Date

Excellent Weather Protection With Little Pressure Loss.
Test of a 48" x 48" sample by an AMCA accredited laboratory according to AMCA Standard 500 shows low water penetration. Test show less than .02 oz. per sq. ft. water penetration at 950 fpm (free area velocity) with less than .14" w.g. pressure drop (intake).

Ratings Do Not Include Effects Of Birdscreen.

Pressure Drop

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

Water Penetration

Velocity (fpm) Thru Free Area
932 fpm Beginning Of Water Penetration

FREE AREA (SQ. FT.)

<table>
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<tr>
<th>HEIGHT</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>
<th>54&quot;</th>
<th>60&quot;</th>
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<tbody>
<tr>
<td>12&quot;</td>
<td>0.31</td>
<td>0.50</td>
<td>0.70</td>
<td>0.89</td>
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<td>1.28</td>
<td>1.48</td>
<td>1.67</td>
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<td>36&quot;</td>
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<td>2.18</td>
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<td>3.87</td>
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<td>5.56</td>
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<td>3.02</td>
<td>4.19</td>
<td>5.36</td>
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<td>8.92</td>
<td>10.04</td>
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<tr>
<td>60&quot;</td>
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<td>3.86</td>
<td>5.35</td>
<td>6.85</td>
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<td>15.61</td>
<td>17.43</td>
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<tr>
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<td>11.97</td>
<td>14.11</td>
<td>16.26</td>
<td>18.40</td>
<td>20.54</td>
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</tbody>
</table>

AMCA accredited laboratory is a laboratory equipped and staffed to conduct tests according to the appropriate AMCA test method and which has been licensed as a AMCA accredited laboratory.

Airline Louvers certifies that the Model AS4B45H 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 program. The AMCA Certified ratings seal applies to Air Performance ratings and Water Penetration ratings.
FRAME:
Extruded aluminum 4" deep frame available 1in .081" thk., or .125: thk. (nominal) 6063-T6/T52 Alloy

BLADES:
Stationary Drain Blades are extruded aluminum .081" thk. or .125" thk. (nominal) of 6063-T6/T52 alloy, approximate 4" centers.

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

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

Maximum Panel Size:
Louver Shall Withstand A Wind Load of 20 PSF.
Consult Factory To Substitute Other Load Requirements.

<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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<td>&quot;A&quot; WIDTH</td>
<td>&quot;B&quot; HEIGHT</td>
<td>&quot;A&quot; WIDTH</td>
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<tr>
<td></td>
<td></td>
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<td>MULLION VERT</td>
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Nominal Deductions will be made to the opening size given

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