**FRAME:**
Extruded aluminum 6" deep channel frame in .125" thk., (nominal) 6063-T6/T52 Alloy

**BLADES:**
Stationary drain blades are 35°/42° extruded aluminum available in only .125" thk. (nominal) of 6063-T6/T52 alloy, approximate 4 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

**Minimum Panel Size:**  12" x 12"  
**Maximum Panel Size:**  60" x 96"

**LOUVER PERFORMANCE STATEMENT**
The Airline Model AS6DD35H shall be fabricated to provide a minimum of (56%), 8.91 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 to be above 993 feet per minute, (8847) cubic feet per minute, with .12 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>
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<tr>
<td></td>
<td></td>
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<td>VERT</td>
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</table>

**PROJECT:**  
ARCH/ENGR:  
REPRESENTATIVE:

**LOCATION:**  
CONTRACTOR:  
DATE:

1020 Prince Frederick Blvd. Suite 305, Prince Frederick, MD 20687  
Phone: (301) 420-7079  
Fax: (301) 420-7078
AS6DD35H

Performance Date

Test of a 48" x 48" sample by an AMCA accredited laboratory according to AMCA Standard 500 shows the beginning point of water penetration is above 993 fpm through the free area of the louver, with less than .12" w.g. pressure drop at 950 fpm (intake).

Ratings Do Not Include Effects Of Birdscreen.

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

Pressure Drop

Water Penetration

FREE AREA (SQ. FT.)

<table>
<thead>
<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>0.25</td>
<td>0.41</td>
<td>0.57</td>
<td>0.72</td>
<td>0.88</td>
<td>1.04</td>
<td>1.20</td>
<td>1.36</td>
<td>1.51</td>
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<tr>
<td>24&quot;</td>
<td>0.78</td>
<td>1.27</td>
<td>1.76</td>
<td>2.25</td>
<td>2.74</td>
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<td>36&quot;</td>
<td>1.29</td>
<td>2.11</td>
<td>2.92</td>
<td>3.74</td>
<td>4.55</td>
<td>5.37</td>
<td>6.18</td>
<td>7.00</td>
<td>7.81</td>
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<td>48&quot;</td>
<td>1.83</td>
<td>2.99</td>
<td>4.15</td>
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<td>6.47</td>
<td>7.62</td>
<td>8.91</td>
<td>9.94</td>
<td>11.10</td>
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<tr>
<td>60&quot;</td>
<td>2.36</td>
<td>3.85</td>
<td>5.34</td>
<td>6.83</td>
<td>8.32</td>
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<td>72&quot;</td>
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<td>84&quot;</td>
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<td>5.57</td>
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<td>14.21</td>
<td>16.36</td>
<td>18.52</td>
<td>20.68</td>
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</table>

Airline Louvers certifies that the Model AS6DD35H 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.

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
**FRAME:**
Extruded aluminum 6” deep channel frame available in .081” thk., or .125: thk. (nominal) 6063-T6/T52 alloy

**BLADES:**
Stationary blades are 35°/45° extruded aluminum .125” thk. (nominal) of 6063-T6/T52 alloy, approximate 4 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.

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<td>TYPE</td>
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**PROJECT:**

**LOCATION:**

**ARCH/ENGR:**

**CONTRACTOR:**

**REPRESENTATIVE:**

**DATE:**

1020 Prince Frederick Blvd. Suite 305, Prince Frederick, MD 20687  Phone: (301) 420-7079 • Fax: (301) 420-7078
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