GS6D35H

**FRAME:**
Formed 6" deep channel frame of 18 gauge galvanized steel

**BLADE:**
Formed 18 gauge galvanized steel drain blade design at 35° and approximate 3 1/2" centers

**Screens:**
(When indicated)
Bird Screen - 1/2" square mesh, 19 ga. galvanized steel (.041"").

**Construction:**
Riveted and or welded, full sill with blades and head contained within.

**Finish:** - Mill

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

**LOUVER PERFORMANCE STATEMENT**
Louver model GS6D35H shall be fabricated to provide a minimum of (55%), 8.84 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 above 1096 feet per minute, (9689) cubic feet per minute, with .14 inches water gauge pressure drop for air intake.

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For AMCA certified ratings authorized by AMCA - See reverse side

Nominal Deductions will be made to the opening size given

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**PROJECT:**
**LOCATION:**

**ARCH/ENGR:**
**CONTRACTOR:**

**REPRESENTATIVE:**
**DATE:**

1120 Prince Frederick Blvd. Suite 305 • Prince Frederick, MD 2068 • Phone: (5/0) 420-7097 • Fax: (5/0) 420-7098
GS6D35H

Performance Data
Test of a 48" x 48" accounting to AMCA Standard 500-L shows low water penetration is at 1096 fpm. through the free area of the louver with less than .13 inches water gauge pressure drop at 950 fpm. (intake).

Ratings do not include effects of birdscreen.

Pressure Drop

Water Penetration

Intake Air Converted To Standard Air Density Tested To AMCA Figure 5.5

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>
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<tr>
<td>12&quot;</td>
<td>0.33</td>
<td>0.52</td>
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<td>0.91</td>
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Airline Louvers certifies that the Model GS6D35H 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.