**FRAME:**
Extruded aluminum 5" deep channel frame in .081" thk. (nominal), 6063-T6/T52 alloy.

**BLADES:**
Stationary Blades are chevron drainable design, extruded aluminum .060" thk. (nominal) of 6063-T6/T52 alloy, approximate 2 1/4" on centers.

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

**Drain Sill Pan:**
.060" Thick formed aluminum

**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

**Louver Sizes:**
12" x 12" Minimum Panel.
40 sq. feet is the maximum section size. Louver larger than the maximum factory assembled size will require field assembly of smaller louver sections.

**LOUVER PERFORMANCE STATEMENT**
The Airline Model AS5D99H shall be fabricated to provide a minimum of (48.3%), 7.73 square feet of free area for a 48" x 48" size louver and bear the AMCA Certified Rating 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 velocity of 1141 fpm (8,820 cfm) with .208 inches water gauge pressure drop at 1000 fpm air intake.

For AMCA certified ratings authorized by AMCA - See reverse side

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<table>
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<tr>
<th>ITEM</th>
<th>QTY</th>
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<th>LOUVER SIZE</th>
<th>OPTIONAL ACCESSORIES</th>
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<td>&quot;B&quot; HEIGHT</td>
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**Nominal Deductions will be made to the opening size given**

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

**LOCATION:**
CONTRACTOR:
DATE:

1020 Prince Frederick Blvd. Suite 305, Prince Frederick, MD 20687 Phone: (570) 420-7079 • Fax: (570) 420-7078
AS5D99H
Performance Date

Test of a 48" x 48" sample by an AMCA registered laboratory according to AMCA Standard 500 shows low water penetration. Test show less than .01 oz. per sq. ft. water penetration at 1141 fpm (free area velocity) with less than .208" w.g. pressure drop at 1000 fpm (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

| HEIGHT | 12" | 24" | 36" | 48" | 60" | 72" | 84" | 96" | 108" | 120"
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Airline Louvers certifies that the Model AS5D99H 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 and Water Penetration ratings only.