**FRAME:**
Extruded aluminum frame available only 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" 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 AS4S45H shall be fabricated to provide a minimum of (57%), 9.09 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 886 feet per minute, (8054) cubic feet per minute, with .115 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>
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<td>Flange Frame Available Either Face.</td>
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Flange Frame Option

Not To Scale
AS4S45H

Performance Date

Test of a 48" x 48" according to AMCA Standard 500-L shows low water penetration.
Test show less than .02 oz. per sq. ft. water penetration at 920 fpm (free area velocity) with less than .14" w.g. pressure drop (intake).

Ratings Do Not Include Effects Of Birdscreen.

Pressure Drop

Water Penetration

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

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**Project:**

**Location:**

**Arch/Engr:**

**Representative:**

**Date:**
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