

AIRLINE™

L O U V E R S

AS6D35HP

FRAME:

Extruded aluminum 6" channel frame in .081" thk. (nominal), 6063-T6/T52 Alloy and .125" thk. (nominal).

BLADE:

Stationary Blades are 35° extruded aluminum .081" thk. (nominal) 6063-T6/T52 alloy, approximate 4" centers.

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

Screens:

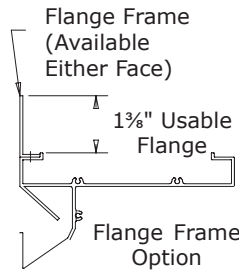
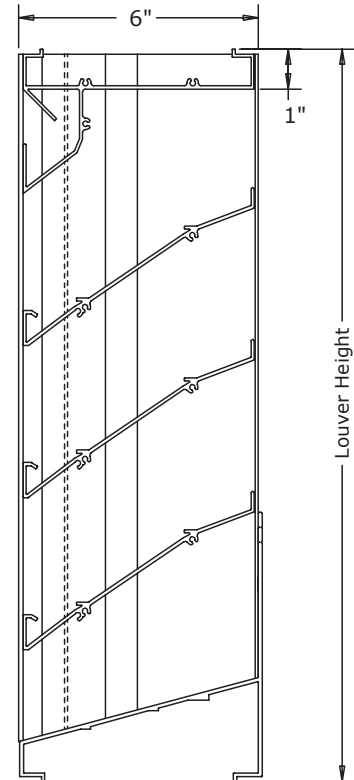
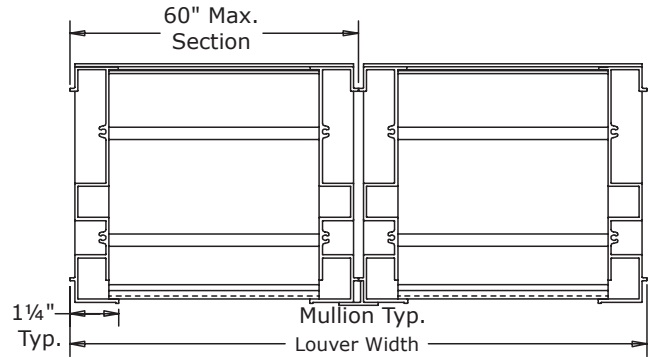
(When indicated, in a removable frame)
 Bird Screen - 1/2" Flattened Aluminum, .051" thk.
 OR - 1/2" sq. mesh intermediate double crimped aluminum wire, .063" dia.
 Insect Screen - 18/16 mesh, .011" dia. aluminum wire.

Finish: - Mill

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

LOUVER PERFORMANCE STATEMENT

The Airline Model AS6D35HP shall be fabricated to provide a minimum of (63%), 10.06 square feet of free area for a 48" x 48" size louver, and bear the AMCA Certified Ratings 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 1103 fpm. (11,096) cubic feet per minute with .13 inches water gauge pressure prop 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

| ITEM | QTY | OPENING SIZE | | LOUVER SIZE | | OPTIONAL ACCESSORIES | | | |
|------------------------|-----|--------------|------------|-------------|--------------------|----------------------|-------|---------|-----|
| | | "A" WIDTH | "B" HEIGHT | "A" WIDTH | "B" HEIGHT | MULLION | | SCREENS | |
| | | | | | | VERT | HORIZ | TYPE | LOC |
| | | | | | | | | | |
| PROJECT: | | | | | LOCATION: | | | | |
| ARCH/ENGR: | | | | | CONTRACTOR: | | | | |
| REPRESENTATIVE: | | | | | DATE: | | | | |

AIRLINE™

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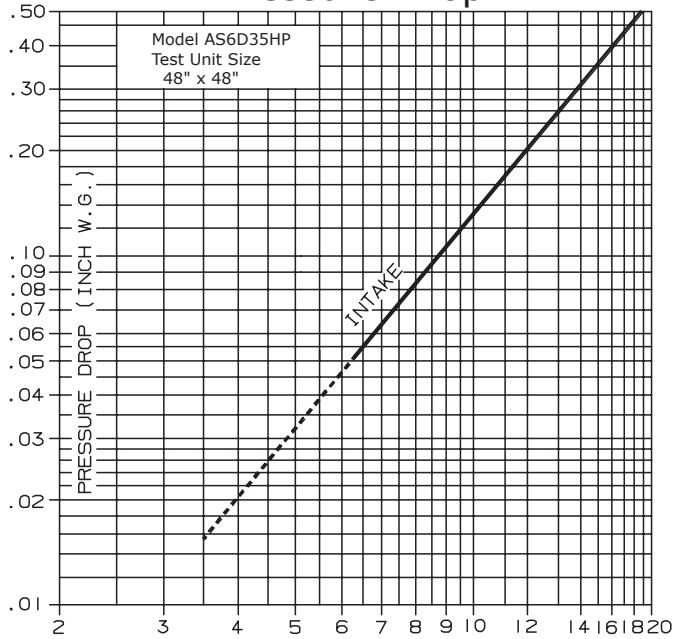
AS6D35HP

Performance Data

Test of a 48" x 48" sample by an AMCA according to AMCA Standard 500-L shows the beginning point of water penetration to be 1103 fpm. through the free area of the louver, with less than .13" w.g. pressure drop at 1000 fpm. (intake).

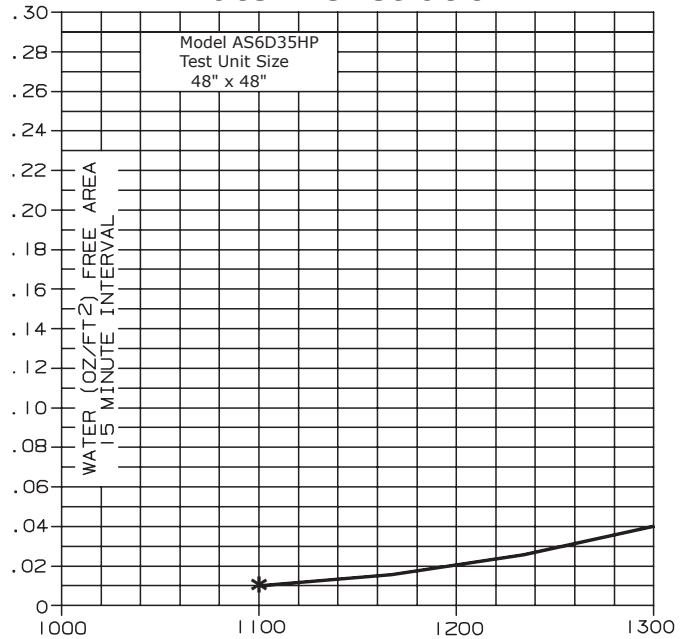
Ratings Do Not Include Effects Of Birdscreen.

Pressure Drop



Velocity (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
1103 (fpm) Beginning Of Water Penetration

| | | FREE AREA (SQ. FT.) | | | | | | | | |
|--------|-----|---------------------|------|-------|-------|-------|-------|-------|-------|-------|
| | | WIDTH | | | | | | | | |
| HEIGHT | 12" | 12" | 18" | 24" | 30" | 36" | 42" | 48" | 54" | 60" |
| | 12" | 0.29 | 0.47 | 0.66 | 0.84 | 1.03 | 1.21 | 1.39 | 1.58 | 1.76 |
| | 24" | 0.90 | 1.47 | 2.04 | 2.60 | 3.17 | 3.74 | 4.31 | 4.88 | 5.45 |
| | 36" | 1.51 | 2.46 | 3.41 | 4.37 | 5.32 | 6.27 | 7.23 | 8.18 | 9.13 |
| | 48" | 2.10 | 3.43 | 4.75 | 6.09 | 7.42 | 8.75 | 10.06 | 11.41 | 12.73 |
| | 60" | 2.68 | 4.38 | 6.07 | 7.76 | 9.46 | 11.15 | 12.84 | 14.54 | 16.23 |
| | 72" | 3.29 | 5.37 | 7.45 | 9.52 | 11.60 | 13.68 | 15.76 | 17.84 | 19.92 |
| | 84" | 3.90 | 6.36 | 8.82 | 11.29 | 13.75 | 16.21 | 18.67 | 21.14 | 23.60 |
| | 96" | 4.51 | 7.35 | 10.20 | 13.05 | 15.90 | 18.74 | 21.59 | 24.44 | 27.28 |



Airline Louvers certifies that the Model AS6D35HP 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 only.