

AIRLINE™

L O U V E R S

GS6D45H

FRAME:

Formed 6" deep channel frame of 18 gauge galvanized steel.

BLADE:

Formed 18 gauge galvanized steel drain blade design at 45° and approximate 6" centers.

Screens:

(When indicated)

Bird Screen - 1/2" square mesh, 19 ga. galvanized steel (.041").

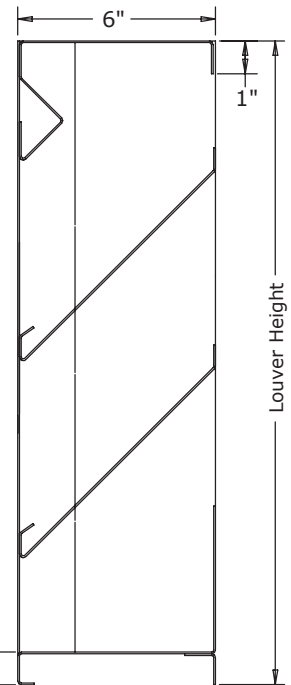
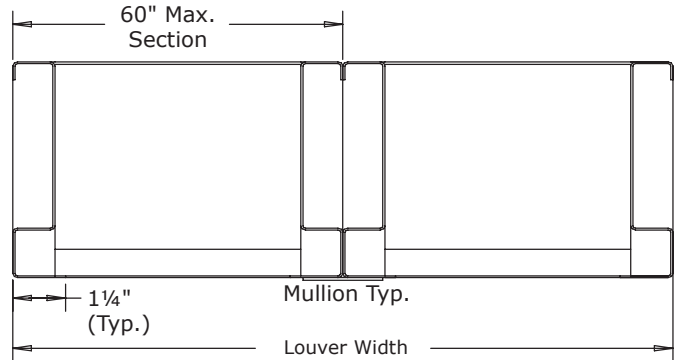
Construction:

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

Finish: - Mill

Minimum Panel Size: 12" x 12"

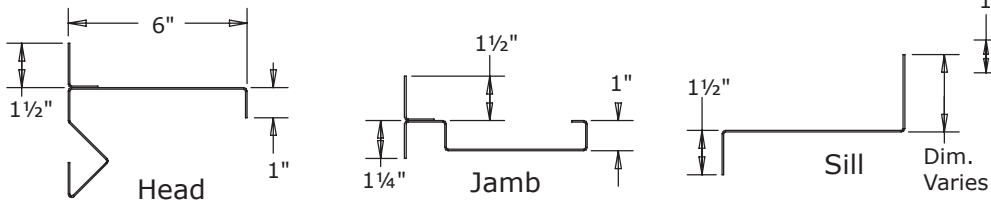
Maximum Panel Size: 60" x 96"



LOUVER PERFORMANCE STATEMENT

Louver model GS6D45H shall be fabricated to provide a minimum of (52%), 8.31 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 at a free area velocity of 952 feet per minute, (7911) cubic feet per minute, with .14 inches water gauge pressure drop for air intake.

Flange Frame Available



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™

L O U V E R S

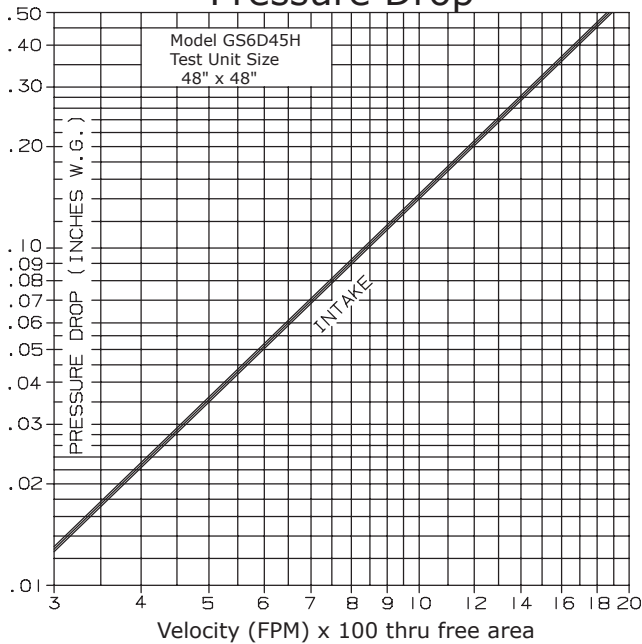
GS6D45H

Performance Data

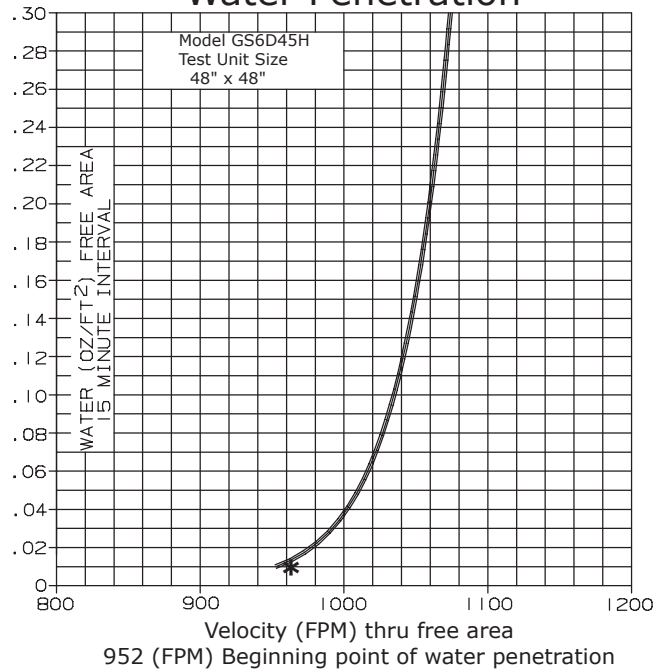
Test of a 48" x 48" sample by an AMCA registered Laboratory accounting to AMCA Standard 500 shows low water penetration. Tests show less than .02 oz. per sq. ft. water penetration at 950 fpm (free area velocity), with less than .14 inches water gauge pressure drop (intake).

Ratings do not include effects of birdscreen.

Pressure Drop



Water Penetration



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



Airline Louvers certifies that the Model GS6D45H shown herein is licensed to bear the AMCA Seal. The ratings 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 ratings.

		FREE AREA (SQ. FT.)								
		WIDTH								
HEIGHT	12"	18"	24"	30"	36"	42"	48"	54"	60"	
	12"	0.26	0.42	0.58	0.74	0.90	1.07	1.23	1.39	1.55
	24"	0.76	1.24	1.71	2.19	2.67	3.15	3.63	4.10	4.58
	36"	1.26	2.05	2.85	3.64	4.44	5.23	6.02	6.82	7.61
	48"	1.76	2.87	3.98	5.09	6.20	7.31	8.31	9.53	10.64
	60"	2.26	3.69	5.11	6.54	7.97	9.39	10.82	12.25	13.67
	72"	2.76	4.50	6.25	7.99	9.73	11.47	13.22	14.96	16.70
84"	3.26	5.32	7.38	9.44	11.50	13.56	15.62	17.67	19.73	
96"	3.76	6.14	8.51	10.89	13.26	15.64	18.01	20.39	22.76	