

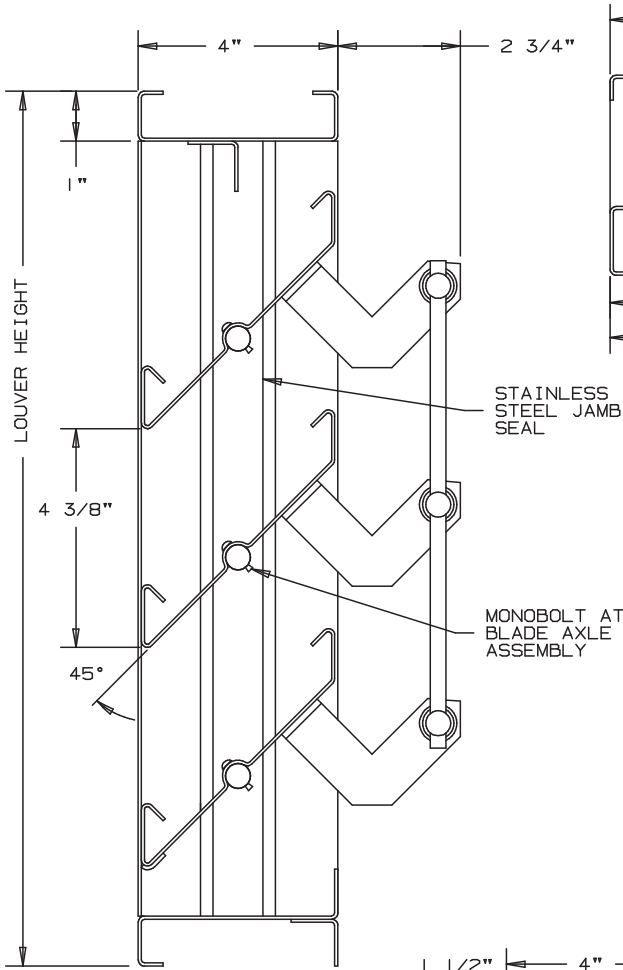


**Anemostat®**  
AIR DISTRIBUTION

MODEL **LS446D**

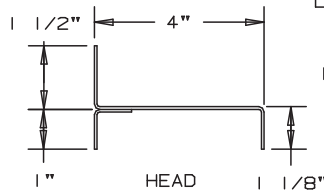
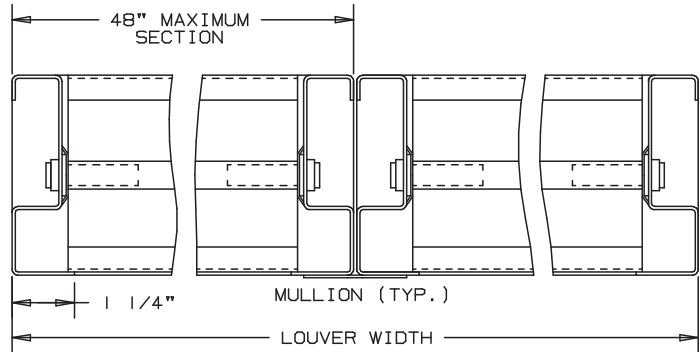
FORMED STEEL LOUVERS  
4" DEEP

DRAIN LOUVER - 4" DEEP - ADJUSTABLE

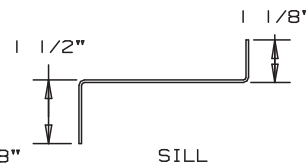


NOT TO SCALE

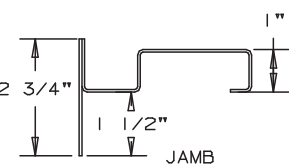
FOR PERFORMANCE DATA  
- SEE REVERSE SIDE



HEAD



SILL



JAMB

FLANGE FRAME AVAILABLE

SPECIFICATIONS

- FRAME: 18 GA. GALVANIZED STEEL CHANNEL.
- BLADE: 18 GA. GALVANIZED STEEL.
- SHAFT: 1/2" DIAMETER PLATED STEEL STUB MECHANICALLY FASTENED TO BLADE WITH MONOBOLT.
- BEARINGS: SELF LUBRICATED BRONZE OILITE.
- LINKAGE: CHEVRON TYPE FORMED BRACKET OF 1/8" THICK PLATED STEEL. TRUNNION IS A MACHINED PIVOT OF PLATED STEEL WITH A 5/16" DIAMETER ROD.
- SEALS: STAINLESS STEEL AT JAMBS.
- SCREENS: ON EXTERIOR FACE, (WHEN INDICATED) 1/2" SQ. MESH, 19 GA. GALVANIZED STEEL .041" MILL.
- FINISH:

OPTIONAL

- FRAMES AND BLADES OF OTHER GAUGES.
- OTHER MATERIALS: STAINLESS STEEL, COPPER, ALUMINUM, ETC.
- NEOPRENE BLADE EDGE SEALS
- FINISHES: ENAMELS, EPOXIES, ETC.
- SCREENS: -INSECT SCREEN, 18/16 ALUMINUM MESH, .011"
- 1/2" FLATTENED ALUMINUM, .051" THK.
- 1/4" SQ. MESH, 18 GA. GALVANIZED STEEL, .047"
- 1/2" SQ. MESH, 16 GA. STAINLESS STEEL, .063"

NOMINAL DEDUCTIONS WILL BE MADE TO OPENING SIZE GIVEN.

												 UNION MADE
ITEM	QTY.	WIDTH	HEIGHT	WIDTH	HEIGHT	MULL	TYPE	LOC				
		OPENING SIZE		LOUVER SIZE			SCREENS					

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AGENT: \_\_\_\_\_

ARCH. /ENG. :	
CONTR. :	
PROJECT :	
EDR :	ECN : JOB :
DATE :	DWN. : DWG. :

# MODEL LS446D

## DRAIN LOUVERS

### FORMED STEEL - STATIONARY

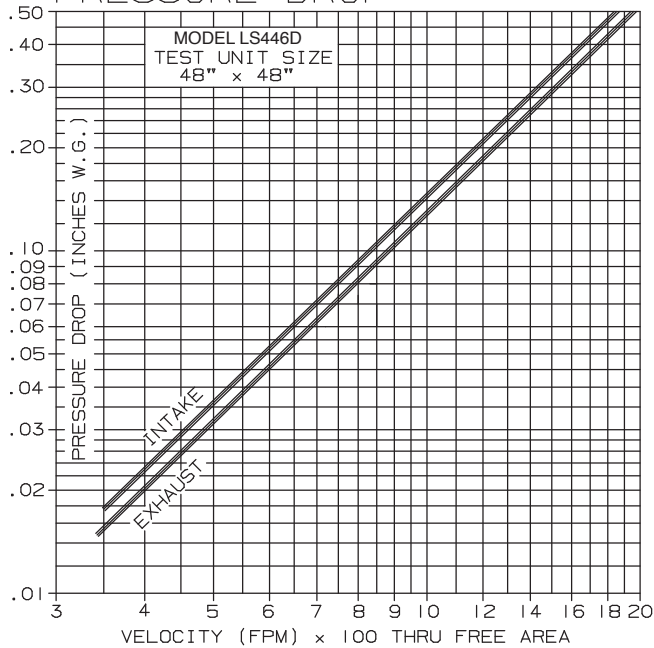
## PERFORMANCE DATA

### EXCELLENT FREE AREA WITH LITTLE PRESSURE LOSS

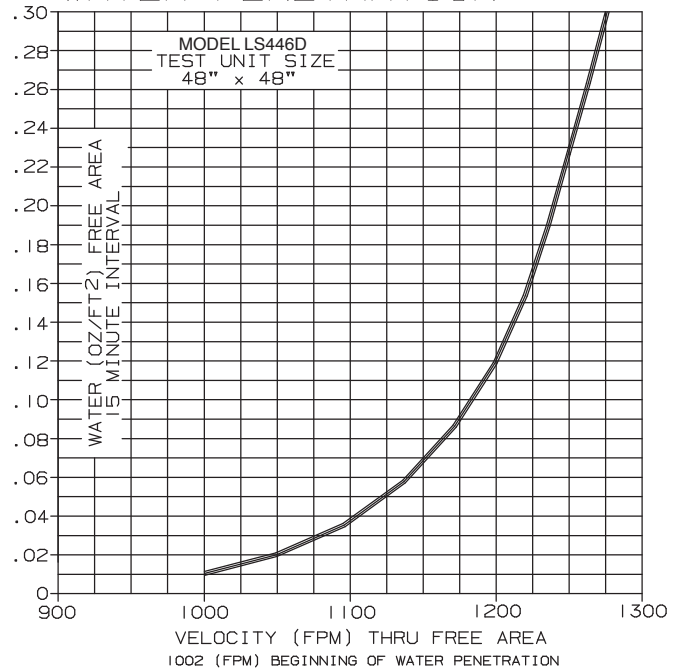
LESS WATER PENETRATION BECAUSE RAIN RUNS ALONG BLADE TROUGHS, (RATHER THAN DOWN FACE OF LOUVER), THEN DOWN HIDDEN VERTICAL RUNWAYS WITHIN THE JAMBS.  
 TESTS OF A 48" x 48" SAMPLE BY AN AMCA REGISTERED LABORATORY ACCORDING TO AMCA STANDARD 500 SHOWS LOW WATER PENETRATION. TESTS SHOW LESS THAN .02 OZ. PER SQ. FT. WATER PENETRATION AT 1050 FPM (FREE AREA VELOCITY) WITH LESS THAN .16" W.G. PRESSURE DROP (INTAKE).

RATINGS DO NOT INCLUDE EFFECTS OF BIRDSCREEN.

### PRESSURE DROP



### WATER PENETRATION



### FREE AREA

		FREE AREA ( SQ. FT. )								
		WIDTH								
		12"	18"	24"	30"	36"	42"	48"	54"	60"
HEIGHT	12"	.21	.34	.47	.60	.73	.86	.99	1.12	1.26
	24"	.63	1.03	1.43	1.83	2.23	2.63	3.03	3.34	3.83
	36"	1.08	1.76	2.45	3.13	3.81	4.50	5.18	5.86	6.54
	48"	1.47	2.40	3.33	4.26	5.19	6.12	7.03	7.98	8.91
	60"	1.85	3.01	4.18	5.35	6.61	7.68	8.84	10.01	11.18
	72"	2.28	3.72	5.16	6.60	8.04	9.48	10.92	12.36	13.80
84"	2.73	4.45	6.18	7.90	9.62	11.35	13.07	14.79	16.52	
96"	3.11	5.08	7.04	9.00	10.97	12.93	14.90	16.86	18.83	

\* AMCA REGISTERED LABORATORY IS A LABORATORY EQUIPPED AND STAFFED TO CONDUCT TESTS ACCORDING TO THE APPROPRIATE AMCA TEST METHOD AND WHICH HAS BEEN LICENSED AS A AMCA REGISTERED LABORATORY.