

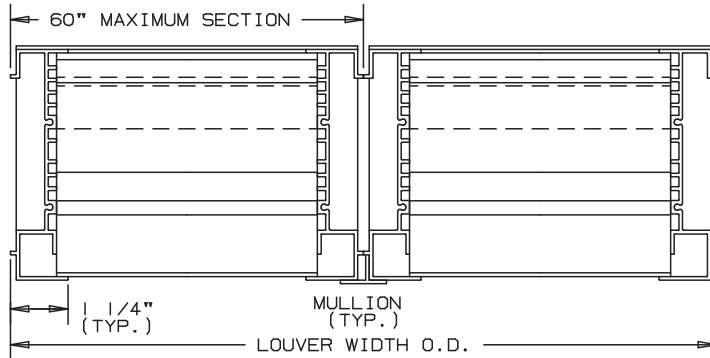
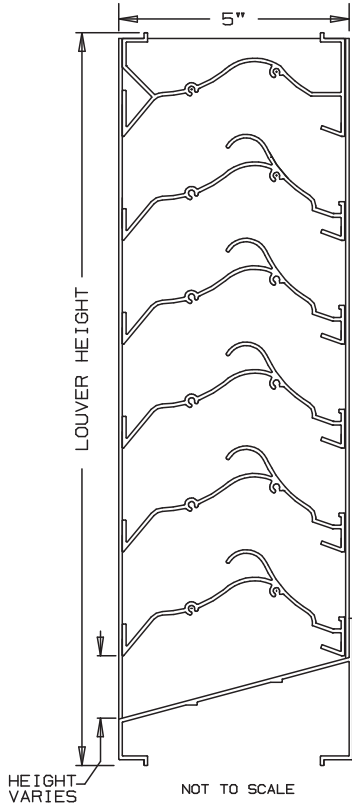


**Anemostat®**  
AIR DISTRIBUTION

MODEL **SL522D**

EXTRUDED ALUMINUM LOUVERS  
5" DEEP

CHEVRON DRAIN BLADE - STATIONARY - CHANNEL TYPE



SPECIFICATIONS

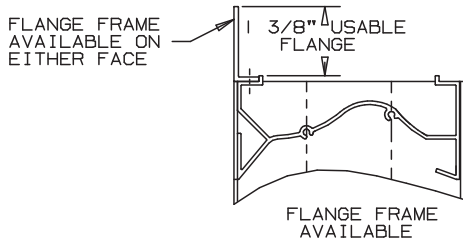
MATERIAL: EXTRUDED ALUMINUM 6063-T6/T52 ALLOY .060 BLADES  
FRAME: .081" THICK NOMINAL.  
FACE OF LOUVER: HEAD AND BLADES CONTAINED WITHIN THE JAMBS.  
SILL CONTAINS JAMBS.  
APPROXIMATE BLADE CENTERS 2 1/4".  
SCREENS: WHEN INDICATED, IN A REMOVABLE FRAME.  
BIRD SCREEN - 1/2" FLATTENED ALUMINUM, .051" THK.  
OR - 1/2" SQ. MESH, INTERMEDIATE DOUBLE-CRIMPED  
ALUMINUM WIRE, .063 DIA.  
OR - 18/16 MESH, .011" DIA. ALUMINUM WIRE,  
INSECT SCREEN.

FINISH: \_\_\_\_\_

LOUVER SIZES: 12" x 12" MINIMUM PANEL SIZE.  
40 SQUARE FEET IS THE MAXIMUM SECTION SIZE.  
LOUVERS LARGER THAN THE MAXIMUM FACTORY  
ASSEMBLED SIZE WILL REQUIRE FIELD ASSEMBLY  
OF SMALLER LOUVER SECTIONS.

LOUVER PERFORMANCE STATEMENT

LOUVER MODEL SL522D SHALL BE FABRICATED TO PROVIDE A  
MINIMUM FREE AREA (48.3%), 7.73 SQUARE FEET OF FREE AREA  
FOR A 48"x48" SIZE LOUVER AND BEAR THE AMCA CERTIFIED  
RATINGS PROGRAM SEAL FOR AIR PERFORMANCE AND WATER  
PENETRATION. THE RATING SHALL SHOW .01 OUNCES PER SQUARE  
FOOT OF FREE AREA VELOCITY OF 1141 FEET PER MINUTE,  
(8820) CUBIC FEET PER MINUTE, WITH .208 INCHES WATER  
GAUGE PRESSURE DROP FOR 1000 FPM FOR AIR INTAKE.



NOMINAL DEDUCTIONS WILL BE MADE TO THE 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 SL522D

## DRAIN LOUVERS

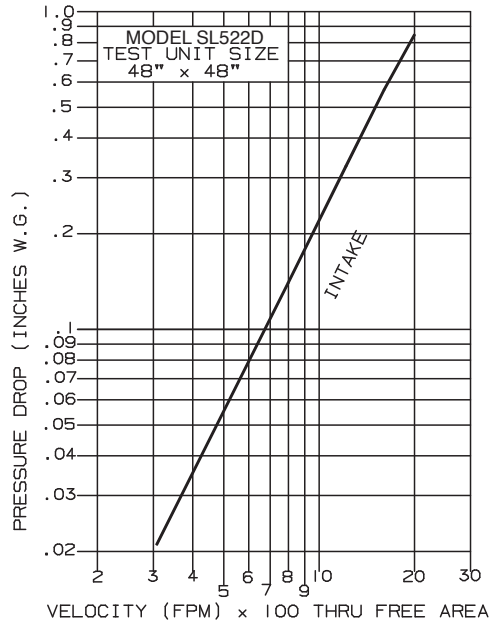
### EXTRUDED ALUMINUM - STATIONARY

## PERFORMANCE DATA

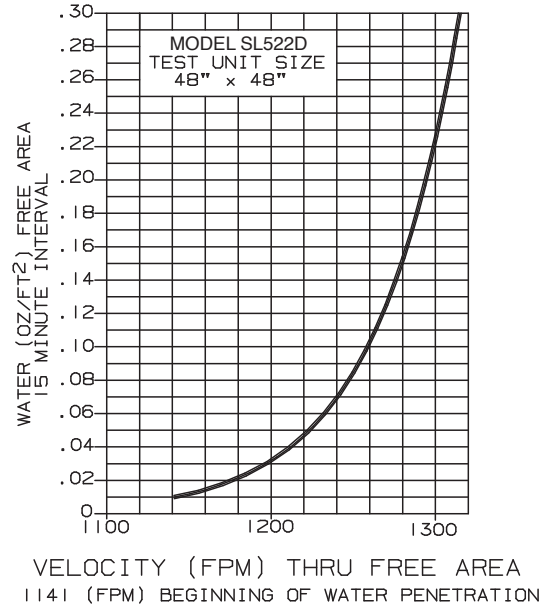
TESTS OF A 48"x48" SAMPLE BY AN AMCA REGISTERED LABORATORY  
 ACCORDING TO AMCA STANDARD 500 SHOWS LOW WATER PENETRATION.  
 TESTS SHOW LESS THAN .01 OZ. PER SQ. FT. WATER PENETRATION AT  
 1141 FPM (FREE AREA VELOCITY) WITH LESS THAN .208" W.G. PRESSURE  
 DROP AT 1000 FPM (INTAKE).

RATINGS DO NOT INCLUDE EFFECTS OF BIRDSCREEN.

### PRESSURE DROP



### WATER PENETRATION



### FREE AREA

		FREE AREA ( SQ. FT. )									
		WIDTH									
HEIGHT		12"	24"	36"	48"	60"	72"	84"	96"	108"	120"
	12"	.26	.59	.92	1.25	1.58	1.90	2.23	2.56	2.89	3.22
	24"	.68	1.55	2.41	3.27	4.14	5.00	5.86	6.73	7.59	8.46
	36"	1.11	2.50	3.90	5.30	6.70	8.10	9.50	10.89	12.29	13.69
	48"	1.61	3.65	5.69	7.73	9.77	11.81	13.85	15.89	17.93	19.97
	60"	2.04	4.61	7.19	9.76	12.33	14.91	17.48	20.06	22.63	25.21
	72"	2.46	5.57	8.68	11.79	14.90	18.00	21.11	24.22	27.33	30.44
	84"	2.97	6.72	10.47	14.22	17.97	21.72	25.47	29.22	32.97	36.72
	96"	3.39	7.68	11.96	16.25	20.53	24.82	29.10	33.39	37.67	41.96
	108"	3.82	8.63	13.45	18.27	23.09	27.91	32.73	37.55	42.37	47.19
120"	4.32	9.78	15.25	20.71	26.17	31.63	37.09	42.55	48.01	53.47	



WATER  
PENETRATION



AIR  
PERFORMANCE

Anemostat certifies that the performance data shown has been determined by test in accordance with applicable AMCA standards.