



Anemostat®

AIR DISTRIBUTION

MODEL **SL800**

EXTRUDED ALUMINUM LOUVERS
8" DEEP - FIXED CHEVRON BLADE

STANDARD MATERIALS AND CONSTRUCTION

HEAD: .125" THICK; FORMED 6063-T5 ALUMINUM
 SILL: .125" THICK; FORMED 6063-T5 ALUMINUM
 JAMBS: .080" THICK; EXTRUDED 6063-T5 ALUMINUM
 BLADES: .24" THICK AT EDGES, REDUCING TO .063" THICKNESS AT MIDPOINT OF PROFILE
 BLADE SPACING: 1.25"
 ASSEMBLY: WELDED
 FINISH: MILL
 SCREEN: NONE
 MULLIONS: EXPOSED, VERTICAL WITH 1.75"x.08" 6063-T5 EXTRUDED ALUMINUM COVER (MULTIPLE PANELS ONLY); EXPOSED, HORIZONTAL

OPTIONS

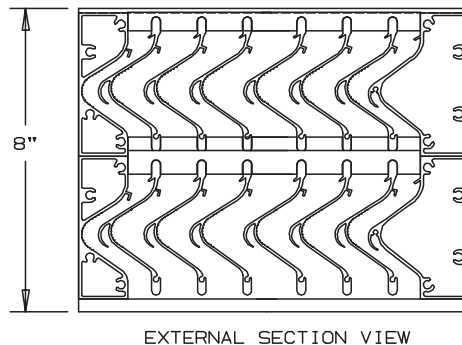
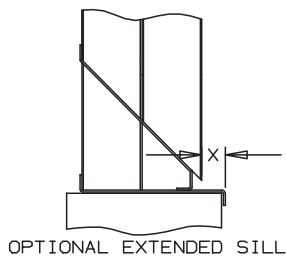
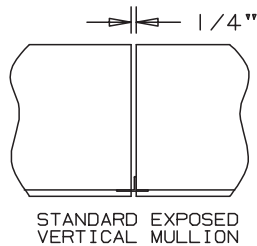
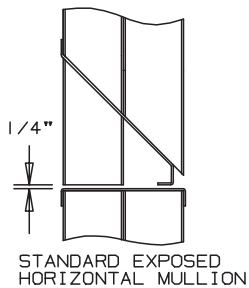
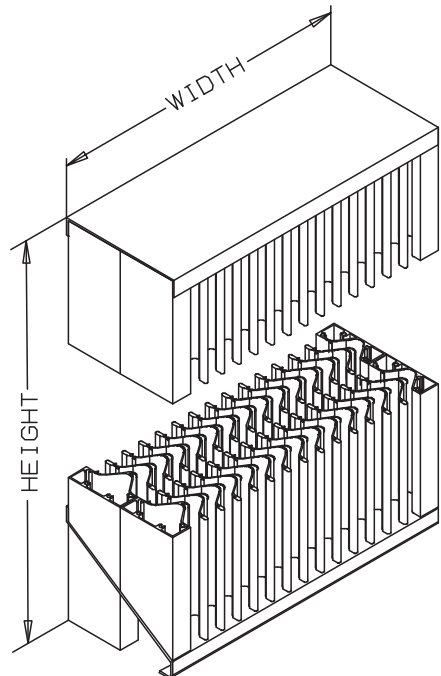
FINISHES - BAKED ENAMEL, KYNAR, ANODIZE
 VARIETY OF BIRD AND INSECT SCREENS
 EXTENDED SILL (FORMED .063" ALUMINUM)

NOTES

1. "A" WIDTH AND "B" HEIGHT ARE OPENING DIMENSIONS. LOUVERS ARE PROVIDED APPROXIMATELY 1/2" UNDERSIZE.

LOUVER SIZES

PANELS	MIN. PANEL	MAX. SINGLE PANEL
SL800	12"Wx18"H	48"Wx96"H



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AGENT : _____

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



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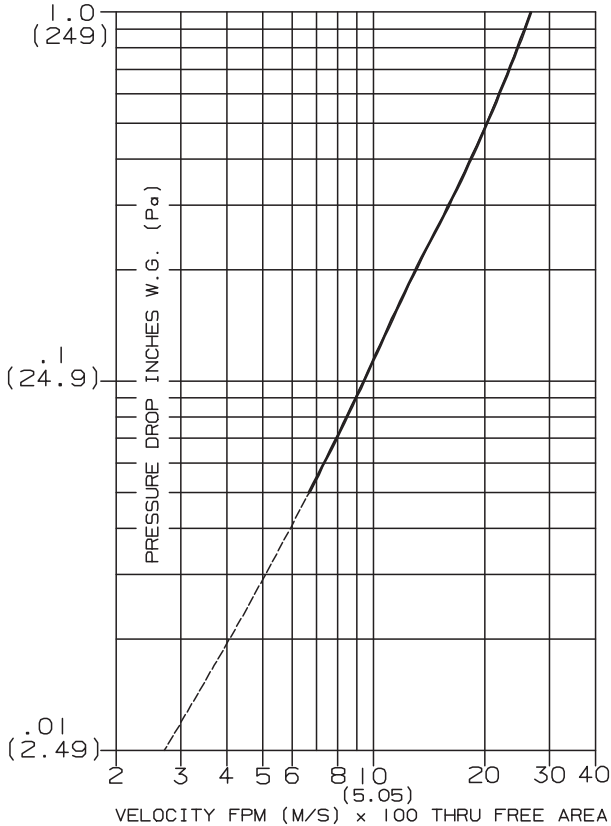
MODEL **SL800**

EXTRUDED ALUMINUM LOUVERS
8" DEEP - FIXED CHEVRON BLADE

AIR PERFORMANCE: 0.65 IN. WG (161.91 Pa) AT 1250 FPM (6.4 M/S) AND 9667 SCFM (4.6 SCM/S)
FREE AREA: 4.41 SQ FT (0.410 SQ M) = 27.56%

1. TEST SIZE IS 48"Wx48"H (1.2m x 1.2m).
2. RATINGS DO NOT INCLUDE THE EFFECT OF A SCREEN.
3. DATA IS AT STANDARD AIR DENSITY.

AIR PERFORMANCE - INTAKE



SAND REMOVAL EFFICIENCY

PRESSURE DROP	.10 IN. WG (24.91 PA)	.20 IN. WG (49.82 PA)	.30 IN. WG (74.73 PA)
FREE AREA VELOCITY	940 FPM (4.78 M/S)	1300 FPM (6.6 M/S)	1600 FPM (8.13 M/S)
SAND PARTICLE SIZE	REMOVAL EFFICIENCY	REMOVAL EFFICIENCY	REMOVAL EFFICIENCY
1-1100 MICRON	96.1%	86.3%	74.3%
1100-1500 MICRON	99.9%	99.8%	99.2%

FREE AREA SQ. FT. (SQ. M)

		WIDTH IN. (mm)									
		12" (305)	24" (610)	36" (914)	48" (1219)	60" (1524)	72" (1829)	84" (2134)	96" (2438)		
HEIGHT IN. (mm)	18" (457)	.18 (.016)	.41 (.038)	.65 (.060)	.88 (.081)	1.12 (.104)	1.35 (.125)	1.58 (.146)	1.82 (.169)	1 SECTION	
	24" (610)	.32 (.030)	.73 (.068)	1.17 (.109)	1.58 (.147)	2.02 (.188)	2.43 (.226)	2.85 (.265)	3.28 (.305)		
	36" (914)	.60 (.056)	1.39 (.129)	2.21 (.206)	3.00 (.278)	3.82 (.355)	4.61 (.428)	5.39 (.501)	6.22 (.578)		
	48" (1219)	.89 (.082)	2.04 (.190)	3.26 (.303)	4.41 (.410)	5.63 (.523)	6.78 (.630)	7.93 (.737)	9.15 (.850)		
	60" (1524)	1.17 (.109)	2.69 (.250)	4.30 (.400)	5.83 (.541)	7.43 (.690)	8.96 (.832)	10.48 (.973)	12.09 (1.123)		
	72" (1829)	1.46 (.135)	3.35 (.311)	5.35 (.497)	7.24 (.673)	9.24 (.858)	10.63 (.988)	12.52 (1.16)	14.42 (1.34)		
	84" (2134)	1.74 (.162)	4.00 (.372)	6.39 (.594)	8.65 (.804)	11.04 (1.03)	12.71 (1.18)	14.97 (1.39)	17.23 (1.60)		
	96" (2438)	2.03 (.188)	4.66 (.433)	7.43 (.691)	10.07 (.935)	12.84 (1.19)	14.78 (1.37)	17.42 (1.62)	20.05 (1.86)		
			1 SECTION				2 SECTIONS WIDE				
											2 SECTIONS HIGH