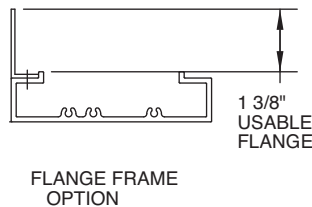
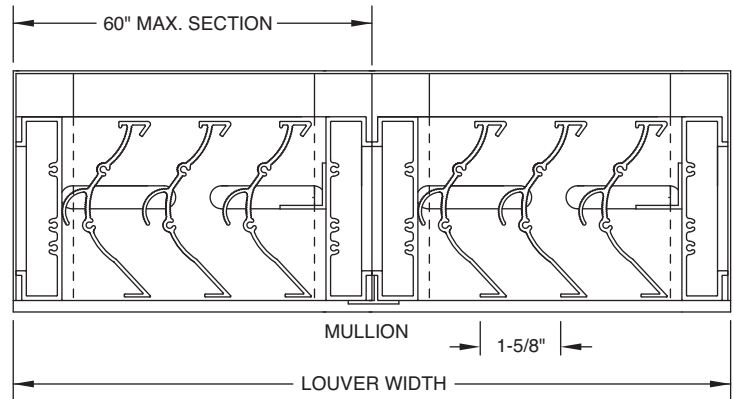
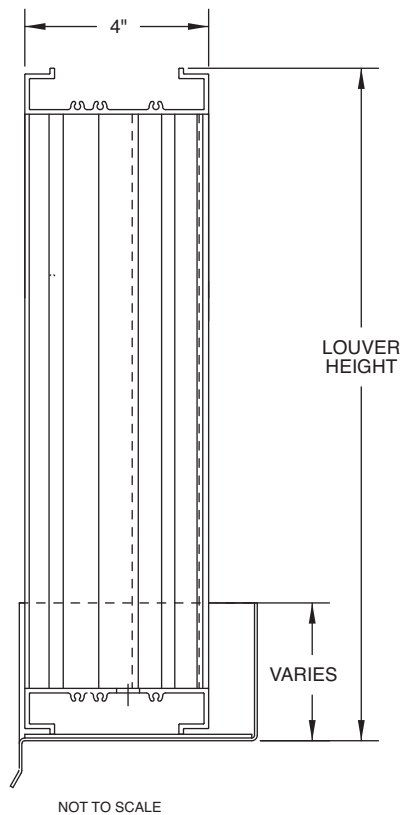


PRODUCT FEATURES

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

CONSTRUCTION FEATURES

- Material:**
Extruded Aluminum 6063-T6/T52 Alloy
- Frames:** .080" (nominal)
- Blades:** .080" (nominal)
- Face Of Louver:** Blades are contained within jambs, sill contains jambs, head is flush with jambs. Approximate blade centers 1 5/8".
- Screen:** (When Indicated, in a Removable Frame)
- Bird Screen - 1/2" Flattened Aluminum, .051" Thk.
 - 1/2" Sq. Mesh Intermediate Double-Crimped Aluminum Wire, .063" Dia.
 - 18/16 Mesh, .011" Dia. Aluminum Wire Insect Screen.
- Drain Sill Pan:** .060" Thick Formed Aluminum.
- Finish:** _____



All dimensions are in inches.

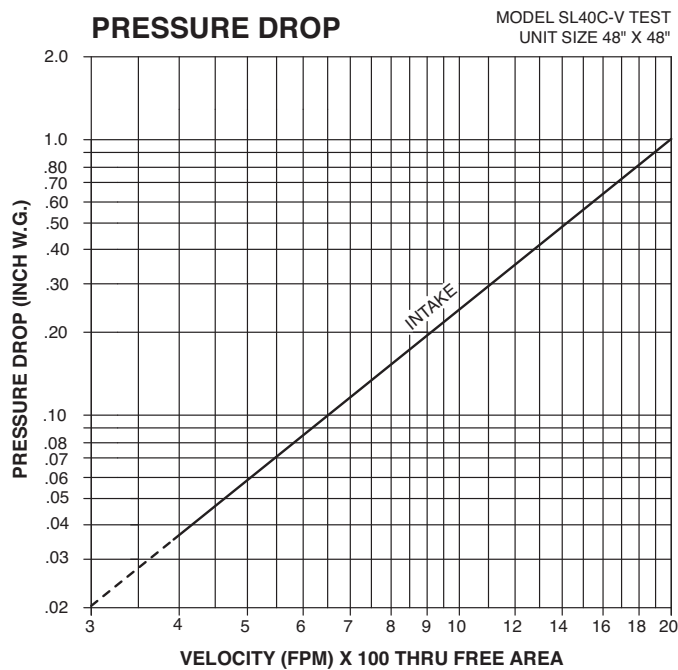
JOB NAME:

SUBMITTED BY:

PERFORMANCE DATA

TESTS OF A 48"x48" ACCORDING TO AMCA STANDARD 500-L-99
SHOWS LESS THAN .260 INCHES WATER GAUGE PRESSURE DROP
AT 1000 FPM (INTAKE).

RATINGS DO NOT INCLUDE EFFECTS OF BIRDSCREEN.



FREE AREA (SQ. FT.)

		WIDTH								
		12"	18"	24"	30"	36"	42"	48"	54"	60"
HEIGHT	12"	.33	.56	.78	.99	1.25	1.48	1.69	1.94	2.17
	24"	.74	1.24	1.73	2.21	2.77	3.27	3.75	4.31	4.82
	36"	1.15	1.91	2.68	3.42	4.29	5.07	5.81	6.67	7.46
	48"	1.55	2.59	3.63	4.63	5.81	6.87	7.58	9.04	10.11
	60"	1.96	3.27	4.58	5.84	7.33	8.67	9.93	11.40	12.75
	72"	2.36	3.95	5.53	7.05	8.85	10.47	11.99	13.76	15.40
	84"	2.77	4.63	6.48	8.26	10.37	12.26	14.05	16.13	18.04
	96"	3.18	5.30	7.44	9.47	11.89	14.06	16.11	18.49	20.69

All dimensions are in inches.

JOB NAME:

SUBMITTED BY:

PERFORMANCE DATA

WIND DRIVEN RAINWATER PENETRATION TEST
CONDUCTED TO AMCA STANDARD 500-L-99

TEST SIZE 1M x 1M (39.37" x 39.37") CORE AREA, NOMINAL
LOUVER FREE AREA 5.75 SQUARE FEET

	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	RAINFALL/MPH
	0	98	197	295	394	492	591	689	787	886	985	3 IN/HR RAINFALL AND 29 MPH VELOCITY
											10603	
											1844	
	A	A	A	A	A	A	A	A	A	A	A	
	-	-	-	-	-	-	-	-	-	-	-	99.7
									797	883	982	8 IN/HR RAINFALL AND 50 MPH VELOCITY
									8572	9503	10563	
									1491	1653	1837	
	A	A	A	A	A	A	A	A	A	A	B	
	-	-	-	-	-	-	-	-	99.6	99.3	98.5	

DISCHARGE COEFFICIENT
INTAKE Cd = 0.26 (CLASS 3)

WIND DRIVEN RAIN PENETRATION CLASSIFICATIONS	
CLASS	EFFECTIVENESS %
A	100% TO 99%
B	98.9% TO 95%
C	94.9% TO 80%
D	BELOW 80%

DISCHARGE LOSS COEFFICIENT CLASSIFICATIONS	
CLASS	DISCHARGE LOSS COEFFICIENT
1	0.4 AND ABOVE
2	0.3 TO 0.399
3	0.2 TO 0.299
4	0.199 AND BELOW

CLASS 1 LOSS COEFFICIENT HAS THE LEAST RESISTANCE TO AIRFLOW.

- CORE AREA IS THE FRONT OPENING OF A LOUVER ASSEMBLY WITH THE BLADES REMOVED.
- CORE AREA VELOCITY IS THE AIRFLOW RATE THROUGH THE LOUVER DIVIDED BY THE CORE AREA (39.37"x39.37").
- FREE AREA IS THE MINIMUM AREA THROUGH WHICH AIR CAN PASS. IT IS DETERMINED BY MULTIPLYING THE SUM OF THE MINIMUM DISTANCES BETWEEN INTERMEDIATE BLADES, TOP BLADE AND HEAD, BOTTOM BLADE AND SILL, BY THE MINIMUM DISTANCE BETWEEN JAMBS.
- DISCHARGE LOSS COEFFICIENT IS CALCULATED BY DIVIDING A LOUVER ACTUAL AIRFLOW RATE VS. A THEORETICAL AIRFLOW FOR THE OPENING. PROVIDING AN INDICATION OF THE LOUVER AIR FLOW CHARACTERISTICS.



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

All dimensions are in inches.

JOB NAME:

SUBMITTED BY: