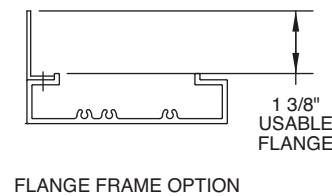
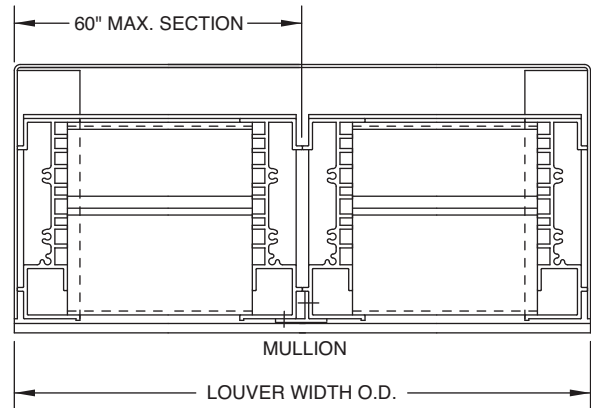
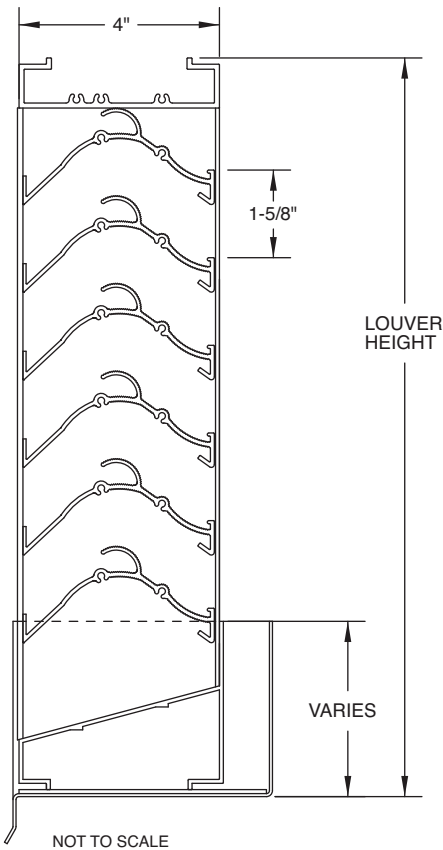


PRODUCT FEATURES

- 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:** (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.

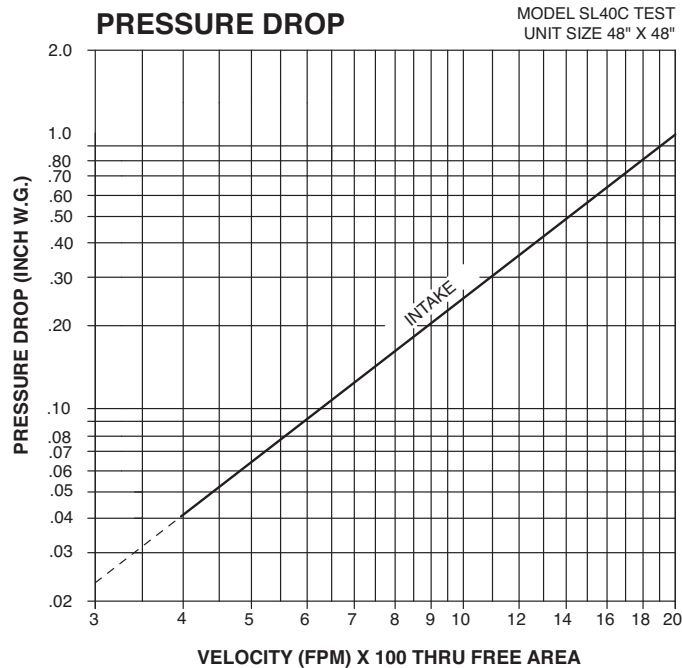
JOB NAME:

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"	.20	.33	.46	.59	.72	.85	.98	1.11	1.24
	24"	.73	1.19	1.66	2.12	2.59	3.05	3.52	3.98	4.45
	36"	1.19	1.94	2.70	3.46	4.22	4.98	5.74	6.50	7.26
	48"	1.71	2.80	3.90	4.99	6.09	7.18	7.50	9.37	10.46
	60"	2.17	3.56	4.95	6.33	7.72	9.11	10.50	11.89	13.27
	72"	2.63	4.31	5.99	7.67	9.36	11.04	12.72	14.40	16.08
	84"	3.15	5.17	7.19	9.21	11.22	13.24	15.26	17.27	19.29
	96"	3.61	5.92	8.23	10.55	12.86	15.17	17.48	19.79	22.10

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 5.51 SQUARE FEET

CORE VENTILATION (M/S)	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	RAINFALL/MPH
FPM	0	98	197	295	394	492	578	666	3 IN/HR RAINFALL AND 29 MPH VELOCITY
FREE AREA VENTILATION (CFM)						5302	6220	7174	
FREE AREA VELOCITY (FPM)						962	1129	1302	
EFFECTIVE RATING CLASS	A	A	A	A	A	A	A	B	
EFFECTIVENESS RATIO %	-	-	-	-	-	99.8	99.3	98.1	
FPM	0	102	198	282	381	468	564	690	8 IN/HR RAINFALL AND 50 MPH VELOCITY
FREE AREA VENTILATION (CFM)	0	1100	2129	3041	4105	5041	6071	7433	
FREE AREA VELOCITY (FPM)	0	200	386	552	745	915	1102	1349	
EFFECTIVE RATING CLASS	B	B	B	B	B	B	B	C	
EFFECTIVENESS RATIO %	98.9	98.5	98.3	97.6	96.4	95.9	95.7	92.1	

DISCHARGE COEFFICIENT
INTAKE Cd = 0.25 (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: