

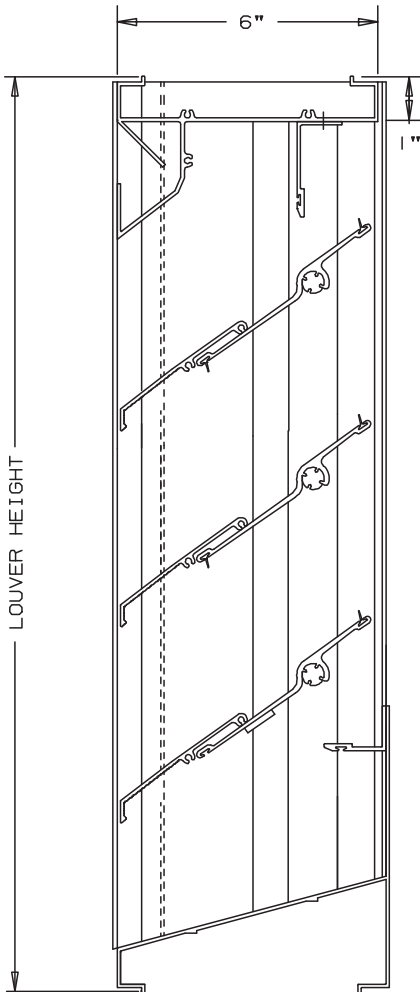


Anemostat®
AIR DISTRIBUTION

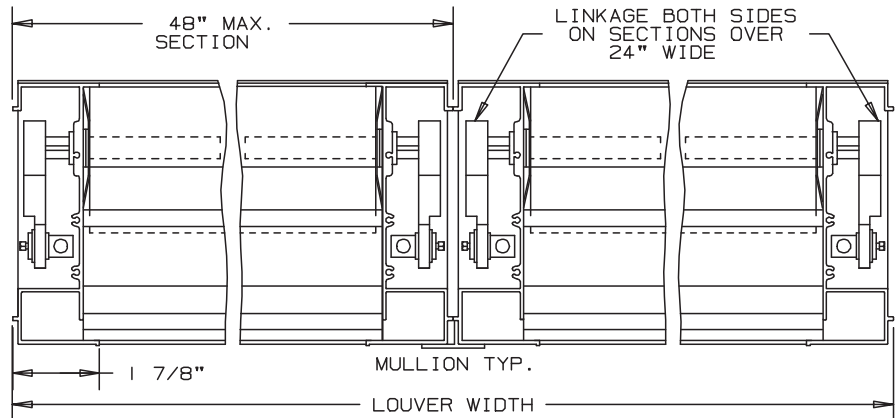
MODEL **LA681**

EXTRUDED ALUMINUM LOUVERS
COMBINATION ADJUSTABLE AND STATIONARY 6" DEEP

35° STRAIGHT STATIONARY BLADE - CHANNEL TYPE



NOT TO SCALE



MULLION TYP.

LOUVER WIDTH

SPECIFICATIONS

FRAME AND STATIONARY BLADE: EXTRUDED ALUMINUM 6063-T6/T52 ALLOY, FRAME IS .080" THK., BLADE IS .080" THK. ON 4 1/2" CENTERS.
 ADJUSTABLE BLADE: EXTRUDED ALUMINUM 6063-T6/T52 ALLOY, .125" THK.
 FACE OF LOUVER: FULL WIDTH SILL WITH HEAD AND BLADES CONTAINED WITHIN THE JAMBS.
 LINKAGE: EXTRUDED ALUMINUM, CONCEALED IN CHANNEL OUT OF AIRSTREAM. THE TRUNNIONS, WHICH ROTATE IN CELCON BEARINGS ARE 1/2" DIAMETER, CADMIUM PLATED AND CHROMATE TREATED MACHINED STEEL. THE TRUNNION IS LOCKED TO THE 5/16" DIA. ALUMINUM LINKAGE ROD BY A 1/4-20 SET SCREW WITH AN EPOXY LOCKING PATCH.
 SHAFTS: 1/2" DIA. ALUMINUM "PIN-LOCK" EXTRUSION.
 SEALS: EXTRUDED SILICONE RUBBER SEAL ON BLADE EDGE. FOAM ON BOTTOM BLADE & STAINLESS STEEL AT JAMB.
 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: MILL.
 LOUVER SIZES: 12" x 16" MINIMUM PANEL SIZE.
 48" x 96" MAXIMUM PANEL SIZE.

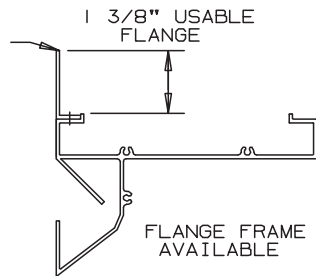
LOUVER PERFORMANCE STATEMENT

LOUVER MODELLA681 SHALL BE FABRICATED TO PROVIDE A MINIMUM OF (52%), 8.38 SQUARE FEET OF FREE AREA FOR A 48" x 48" SIZE LOUVER AND BEAR THE AMCA CERTIFIED RATINGS PROGRAM SEAL FOR AIR PERFORMANCE AND WATER PENETRATION. THE RATINGS SHALL SHOW A BEGINNING POINT OF WATER PENETRATION AT .01 OUNCES PER SQUARE FOOT OF FREE AREA AT A FREE AREA VELOCITY OF 981 FEET PER MINUTE, (8162) CUBIC FEET PER MINUTE. WITH A .145 INCHES WATER GAUGE PRESSURE DROP FOR AIR INTAKE.

OPTIONAL

- OTHER SCREENS
- ARCHITECTURAL FINISHES
- ACTUATORS (ELECTRIC, PNEUMATIC, MANUAL, ETC.)

FLANGE FRAME (AVAILABLE EITHER FACE)



FLANGE FRAME AVAILABLE

NOMINAL DEDUCTIONS WILL BE MADE TO THE OPENING SIZE GIVEN.

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



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 www.anemostat-hvac.com

AGENT: _____

ARCH./ENG. : _____

CONTR. : _____

PROJECT : _____

EDR: _____ ECN: _____ JOB: _____

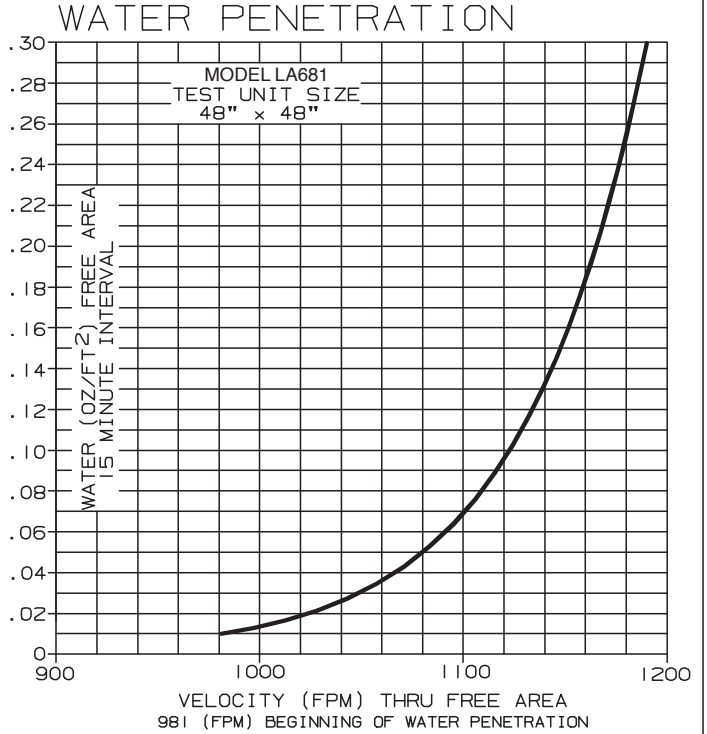
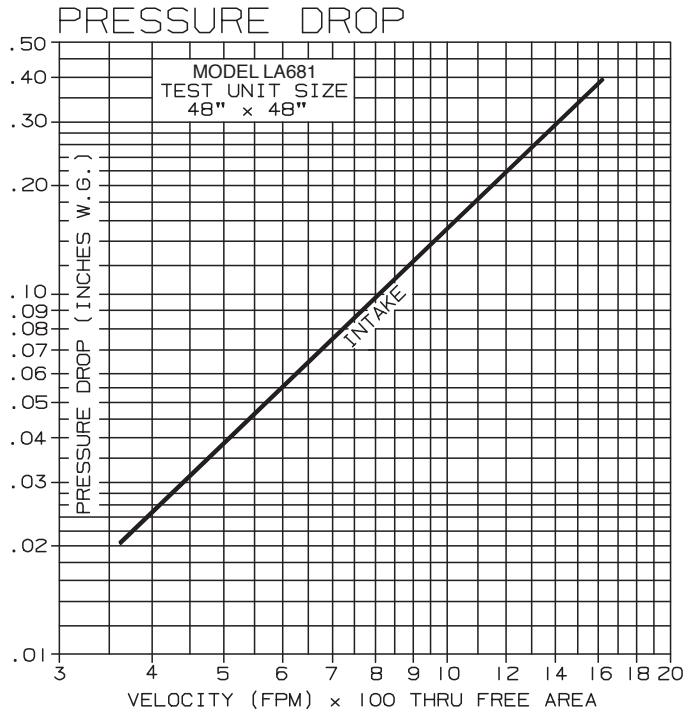
DATE: _____ DWN. : _____ DWG. : _____

MODEL LA681

HIGH PERFORMANCE
EXTRUDED ALUMINUM - COMBINATION ADJUSTABLE

PERFORMANCE DATA

RATINGS DO NOT INCLUDE THE EFFECTS OF BIRDSCREEN.

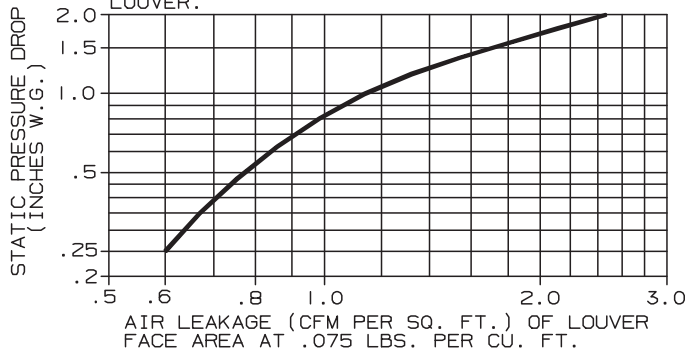


FREE AREA

HEIGHT	FREE AREA (SQ. FT.)						
	WIDTH						
	12"	18"	24"	30"	36"	42"	48"
12"	.14	.24	.34	.45	.56	.65	.76
24"	.66	1.15	1.65	2.14	2.64	3.13	3.63
36"	1.04	1.82	2.60	3.38	4.16	4.94	5.71
48"	1.55	2.72	3.88	5.04	6.21	7.37	8.38
60"	2.07	3.63	5.18	6.74	8.29	9.85	11.40
72"	2.45	4.29	6.13	7.97	9.81	11.65	13.49
84"	2.97	5.19	7.42	9.64	11.87	14.09	16.31
96"	3.49	6.10	8.72	11.34	13.95	16.57	19.18

AIR LEAKAGE (LOUVER INSTALLATION POSITION, INTAKE) IS PER AMCA STANDARD 500 PROCEDURE FIG. 5.5.

AIR LEAKAGE WITH ADJUSTABLE BLADE IN CLOSED POSITION WITH A SEATING TORQUE OF 6.25 IN.LB./SQ. FT. OF LOUVER FACE AREA. LEAKAGE IS BASED ON A TEST OF A 48" x 48" LOUVER.



WATER PENETRATION



AIR PERFORMANCE

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