



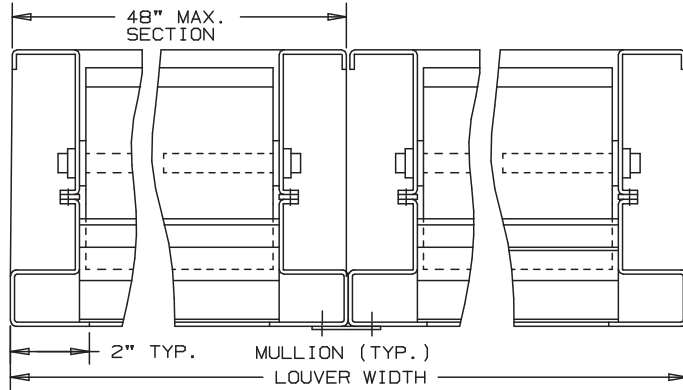
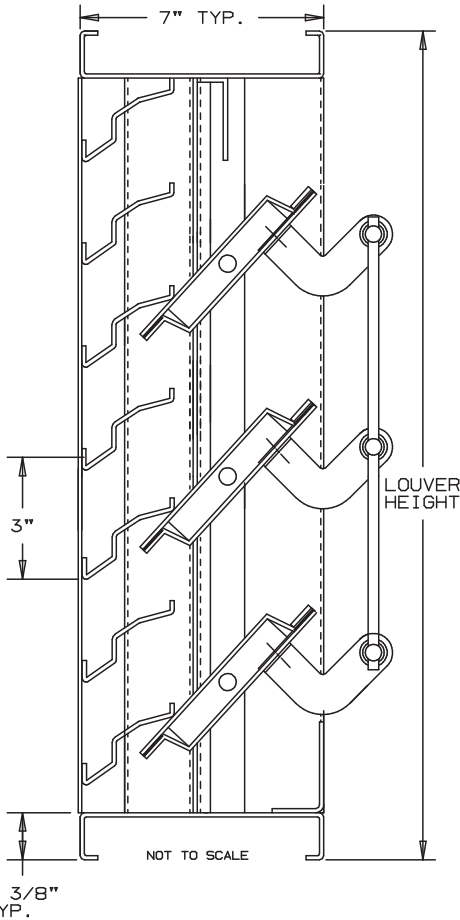
Anemostat®
AIR DISTRIBUTION

MODEL **LS700**

FORMED STEEL LOUVERS
COMBINATION ADJUSTABLE AND STATIONARY
7" DEEP - INSULATED / ACOUSTICAL BLADE

DRAIN BLADE- 35° STATIONARY- INSULATED/ACOUSTICAL ADJUSTABLE

COMBINATION LOUVER PROVIDES GOOD FREE AREA, LOW WATER PENETRATION WITH AN ADJUSTABLE INSULATED BLADE THAT BECOMES A THERMAL BARRIER WHEN CLOSED AND PROVIDES ACOUSTICAL EFFICENCY WHEN IN THE OPEN POSITION, ALL CONTAINED IN A 7" DEEP FRAME.

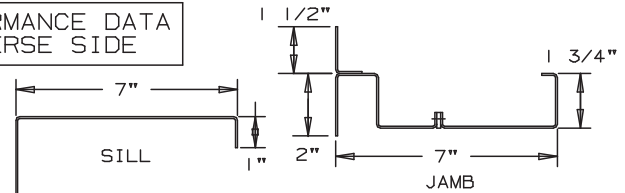
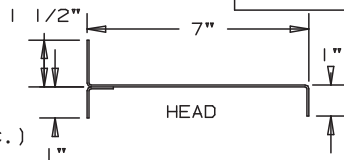


SPECIFICATIONS

FRAME: 16 GA. GALVANIZED STEEL.
BLADES: STATIONARY BLADE IS 18 GA. GALVANIZED STEEL.
ADJUSTABLE BLADE IS 18 GA. GALVANIZED STEEL
DOUBLE THICKNESS, 1" THICK WITH 8 LB. DENSITY
MINERAL WOOL INSULATION SANDWICHED BETWEEN METAL
SKINS SEPARATED BY A THERMAL BREAK, MECHANICALLY
FASTENED TOGETHER.
FACE OF LOUVER: FULL HEAD AND SILL WITH BLADE AND JAMBS
CONTAINED WITHIN.
LINKAGE: BRACKETS ARE 12 GA. ZINK PLATED STEEL, PIVOTS
ARE .50 DIA. MACHINED STEEL, ZINC PLATED AND
CHROMATE TREATED, PIVOTS ROTATE IN A CELCON
BEARING. A .312" DIA. ALUMINUM LINKAGE ROD IS
LOCKED TO THE PIVOT BY A 1/4"-20 SET SCREW WITH
AN EPOXY LOCKING PATCH.
SEALS: NEOPRENE ADHESIVE APPLIED TO BLADE EDGES AND JAMBS.
SHAFTS: 1/2" DIA. PLATED STEEL STUB.
BEARINGS: 1/2" DIA. BORE OILITE BRONZE FLANGED SLEEVE.
PRESS FIT INTO FRAME.
SCREENS: SECURED TO THE EXTERIOR.
BIRD SCREEN: 1/2" SQ. MESH 19 GA. GALVANIZED
STEEL (.041")
1/2" FLATTENED ALUMINUM (.051")
INSECT SCREEN: 18/16 MESH (.011" DIA.)
FINISH: MILL
MINIMUM PANEL SIZE: 12" x 14"
MAXIMUM SINGLE PANEL SIZE: 48" x 96"

FOR PERFORMANCE DATA
SEE REVERSE SIDE

- OPTIONAL**
- OTHER SCREENS
 - PAINTED FINISHES
 - ACTUATORS (ELECTRIC, PNEUMATIC, MANUAL, ETC.)



FLANGED FRAME AVAILABLE

NOMINAL DEDUCTIONS WILL BE MADE TO THE OPENING SIZES GIVEN.



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

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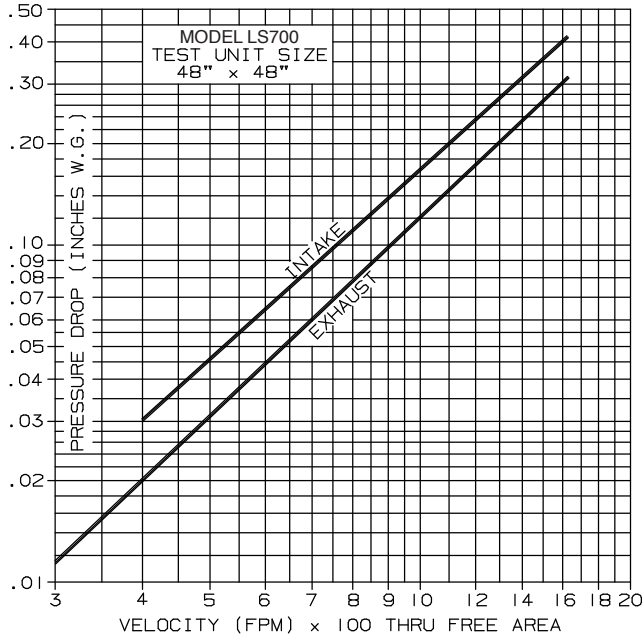
AGENT : _____

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

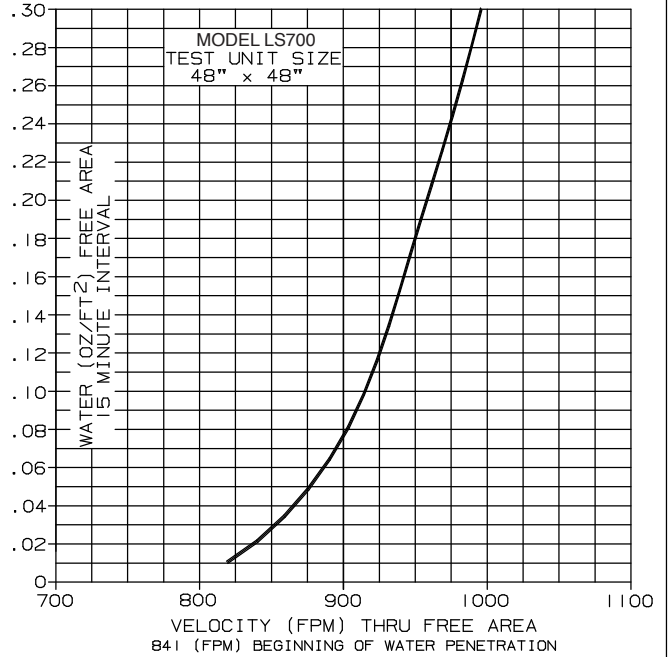
MODEL LS700

PERFORMANCE DATA

PRESSURE DROP



WATER PENETRATION



THERMAL CHARACTERISTICS

INSULATING FACTORS FOR THE STANDARD BLADE CONSTRUCTION:

R-VALUE = 3.9

U-FACTOR = .26 BUT PER HOUR PER SQ. FOOT PER DEGREE F.

THE ABOVE VALUES ARE BASED ON CALCULATIONS CONSIDERING FACE AREA OF THE LOUVER ONLY. THIS DOES NOT INCLUDE FRAMES. INSULATION OF THE FRAME AND CAULKING LOUVER INTO OPENING SHALL BE BY OTHERS.

ACOUSTIC VALUES

OCTAVE BAND/Hz	NOISE REDUCTION (dB)
1 63	9
2 125	8
3 250	7
4 500	8
5 1000	10
6 2000	15
7 4000	15
8 8000	16

ATTENUATION CHART BELOW IS A COMBINATION OF THE LOUVER SOUND TRANSMISSION LOSS AND THE REDUCTION OF SOUND ENERGY AS A FUNCTION OF DISTANCE FROM THE NOISE SOURCE.

ATTENUATION

DISTANCE FROM LOUVER	OCTAVE BAND CENTER FREQUENCY, Hz							
	1 63	2 125	3 250	4 500	5 1000	6 2000	7 4000	8 8000
10'	15	14	13	14	14	17	18	20
50'	29	28	27	28	28	31	32	34
100'	35	34	33	34	34	37	38	40
200'	41	40	39	40	40	43	44	46
500'	49	48	47	48	48	51	52	54
1000'	55	54	53	54	54	54	57	60

FREE AREA

HEIGHT	FREE AREA (SQ. FT.)						
	WIDTH						
	12"	18"	24"	30"	36"	42"	48"
12"	.22	.38	.54	.70	.85	1.01	1.17
24"	.61	1.04	1.47	1.91	2.34	2.77	3.20
36"	1.00	1.70	2.41	3.11	3.82	4.52	5.23
48"	1.39	2.37	3.34	4.32	5.30	6.28	7.26
60"	1.77	3.03	4.28	5.53	6.78	8.04	9.29
72"	2.16	3.69	5.21	6.74	8.27	9.79	11.32
84"	2.55	4.35	6.15	7.95	9.75	11.55	13.35
96"	2.94	5.01	7.08	9.16	11.23	13.30	15.38