

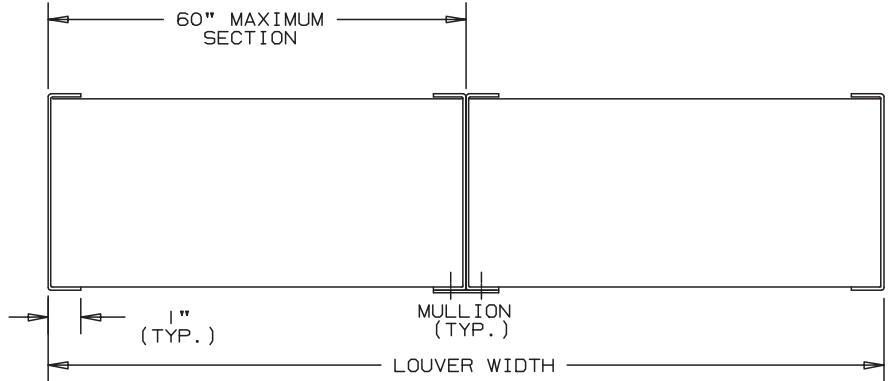
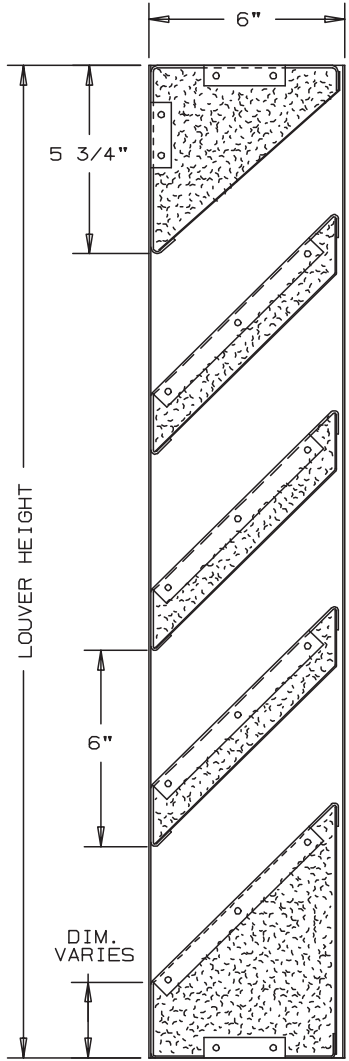


Anemostat®
AIR DISTRIBUTION

MODEL **ACT66**

ACOUSTICAL LOUVERS
6" DEEP WITH 6" BLADE SPACING

FOR USE WHERE NOISE REDUCTION IS REQUIRED
AIR FLOW DESIGN FOR INTAKE OR DISCHARGE



NOT TO SCALE

SPECIFICATIONS

MODEL ACT66-S, STEEL

FRAME: 16 GA. GALVANIZED STEEL.
BLADE: 18 GA. GALVANIZED STEEL AIRFOIL EXTERIOR SURFACE WITH 22 GA. PERFORATED STEEL INTERIOR SURFACE.
BLADE FILL: ECO-SOUND INSULATION.
SCREEN: 1/2" GALVANIZED STEEL MESH (.041").
FINISH: MILL, GALVANIZED.

MODEL ACT66-A, ALUMINUM

FRAME: 14 GA. ALUMINUM.
BLADE: 16 GA. ALUMINUM AIRFOIL EXTERIOR SURFACE WITH 22 GA. PERFORATED ALUMINUM INTERIOR SURFACE.
BLADE FILL: ECO-SOUND INSULATION
SCREEN: 1/2" FLATTENED ALUMINUM MESH (.051").
FINISH: MILL, ALUMINUM.

OPTIONAL

FINISHES: ENAMELS, EPOXIES, ETC.

FOR PERFORMANCE DATA
-SEE REVERSE SIDE

NOMINAL DEDUCTIONS WILL BE MADE TO OPENING SIZES GIVEN.

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



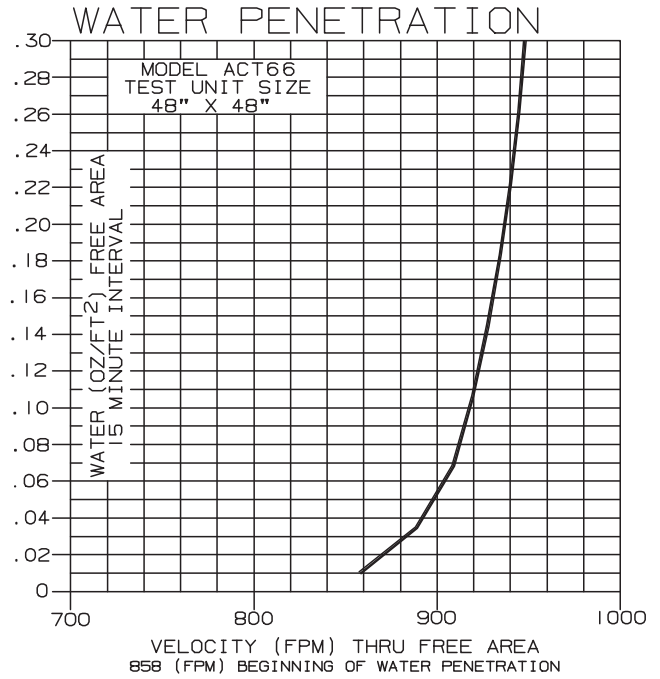
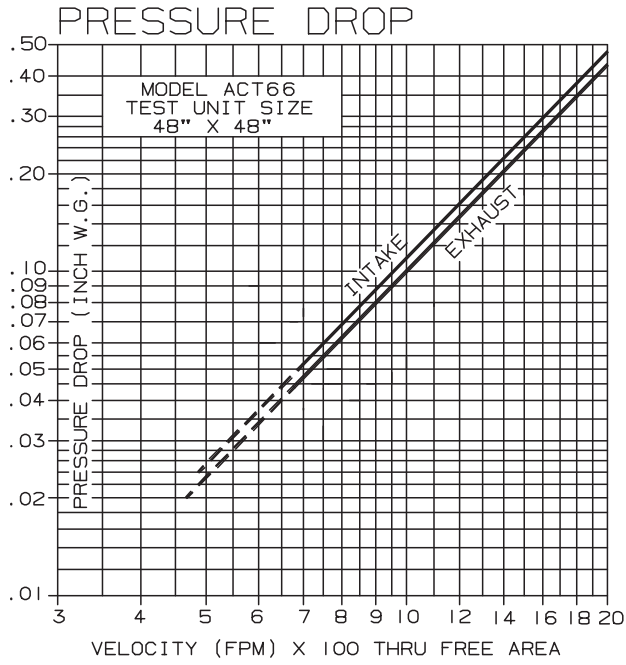
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AGENT: _____

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

MODEL ACT66

PERFORMANCE DATA



SOUND TRANSMISSION LOSS

OCTIVE BAND	1	2	3	4	5	6	7	8
FREQUENCY (Hz)	63	125	250	500	1000	2000	4000	8000
SOUND TRANSMISSION LOSS (db)	4	4	2	4	8	12	8	9
FREE FIELD NOISE REDUCTION	10	10	8	10	14	18	14	15

ATTENUATION

DISTANCE FROM LOUVER	OCTIVE BAND CENTER FREQUENCY (Hz)							
	63	125	250	500	1000	2000	4000	8000
0'	10	10	8	10	14	18	14	15
10'	22	22	20	22	26	30	26	27
50'	36	36	34	36	40	44	40	41
100'	42	42	40	42	46	50	46	47
200'	48	48	46	48	52	56	52	53
500'	56	56	54	56	60	64	60	61
1000'	62	62	60	62	66	70	66	67

ATTENUATION CHART ABOVE IS A COMBINATION OF THE MODEL ACT66 SOUND TRANSMISSION LOSS AND THE REDUCTION OF SOUND ENERGY AS A FUNCTION OF DISTANCE.

FREE AREA

HEIGHT	FREE AREA (SQ. FT.)							
	WIDTH							
	12"	24"	30"	36"	42"	48"	54"	60"
24"	.39	.87	1.10	1.34	1.58	1.81	2.05	2.29
36"	.66	1.45	1.84	2.23	2.63	3.02	3.42	3.81
48"	.92	2.02	2.58	3.13	3.68	4.23	4.78	5.34
60"	1.18	2.60	3.31	4.02	4.73	5.44	6.15	6.86
72"	1.45	3.18	4.05	4.92	5.78	6.65	7.52	8.39
84"	1.71	3.76	4.78	5.81	6.84	7.86	8.89	9.91
96"	1.97	4.34	5.52	6.70	7.89	9.07	10.25	11.44