

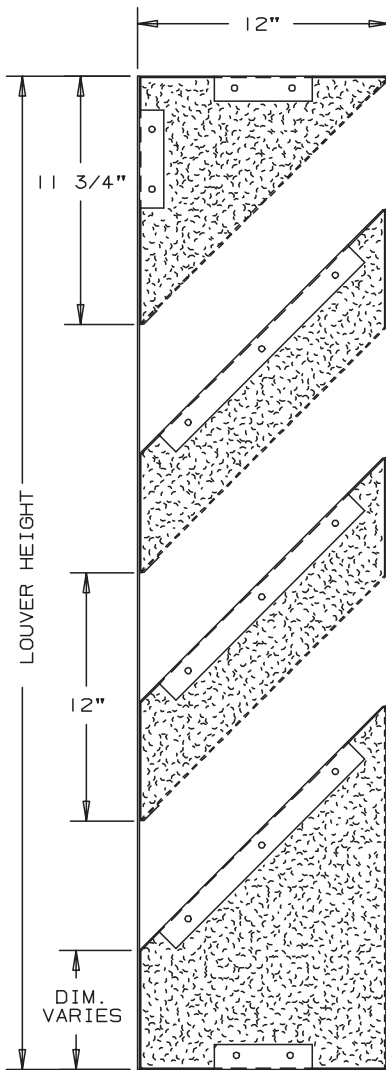


Anemostat®
AIR DISTRIBUTION

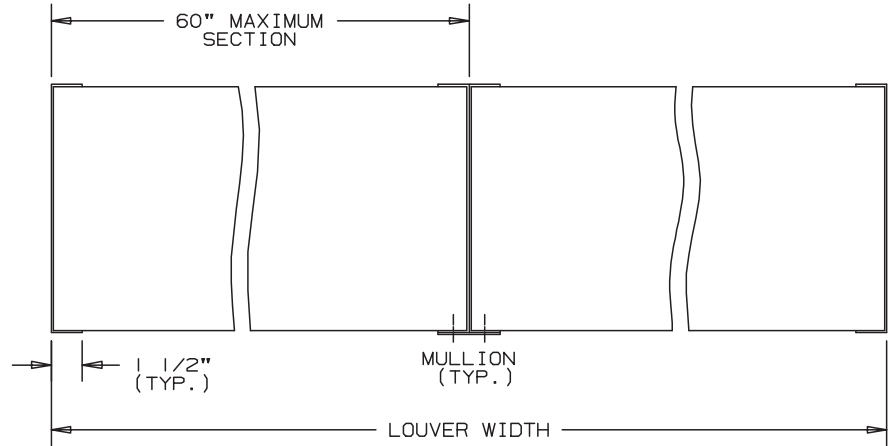
MODEL **ACT1212**

ACOUSTICAL LOUVERS
12" DEEP WITH 12" BLADE SPACING

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



NOT TO SCALE



SPECIFICATIONS

MODEL ACT1212-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 ACT1212-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.	WIDTH	HEIGHT	WIDTH	HEIGHT	MULL	TYPE	LOC	
		OPENING SIZE		LOUVER SIZE					



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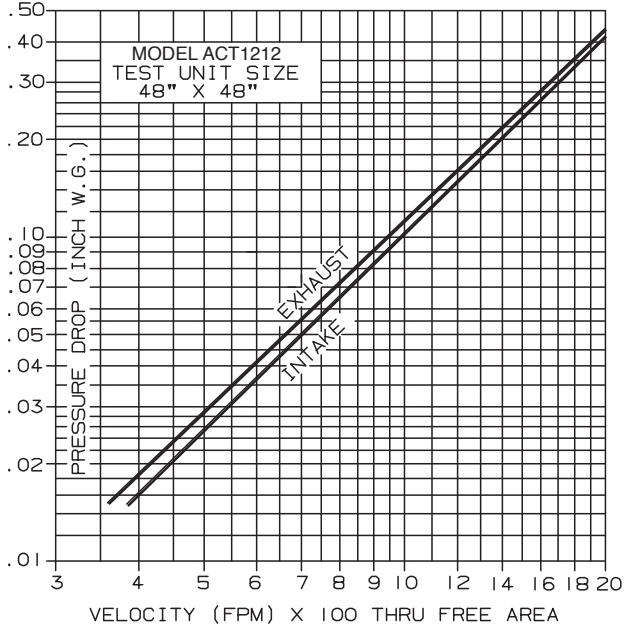
AGENT: _____

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

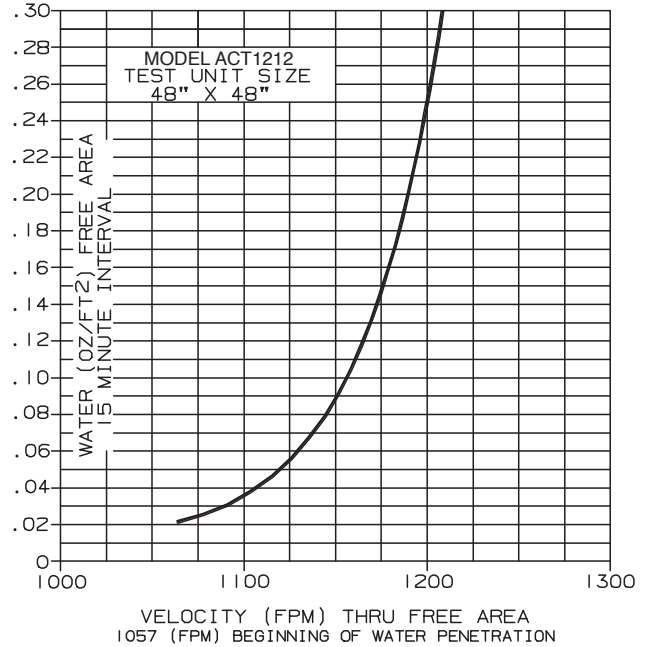
MODEL ACT1212

PERFORMANCE DATA

PRESSURE DROP



WATER PENETRATION



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)	8	6	4	9	14	12	11	11
FREE FIELD NOISE REDUCTION	14	12	10	15	20	18	17	17

ATTENUATION

DISTANCE FROM LOUVER	OCTIVE BAND CENTER FREQUENCY (Hz)							
	63	125	250	500	1000	2000	4000	8000
0'	14	12	10	15	20	18	17	17
10'	26	24	22	27	32	30	29	29
50'	40	38	36	41	46	44	43	43
100'	46	44	42	47	52	50	49	49
200'	52	50	48	53	58	56	55	55
500'	60	58	56	61	66	64	63	63
1000'	66	64	62	67	72	70	69	69

ATTENUATION CHART ABOVE IS A COMBINATION OF THE MODELACT1212 SOUND TRANSMISSION LOSS AND THE REDUCTION OF SOUND ENERGY AS A FUNCTION OF DISTANCE.

FREE AREA

		FREE AREA (SQ. FT.)								
		WIDTH								
HEIGHT		12"	18"	24"	30"	36"	42"	48"	54"	60"
		24"		.27	.45	.63	.81	.98	1.16	1.34
36"		.54	.90	1.25	1.61	1.97	2.33	2.69	3.04	3.40
48"		.81	1.34	1.88	2.42	2.95	3.49	4.03	4.56	5.10
60"		1.07	1.79	2.51	3.22	3.94	4.65	5.37	6.09	6.80
72"		1.34	2.24	3.13	4.03	4.92	5.82	6.71	7.61	8.50
84"		1.61	2.69	3.76	4.83	5.91	6.98	8.06	9.13	10.20
96"		1.88	3.13	4.39	5.64	6.89	8.14	9.40	10.65	11.90