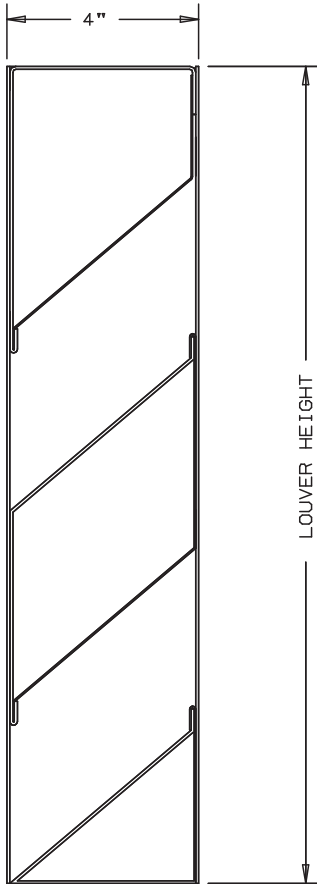




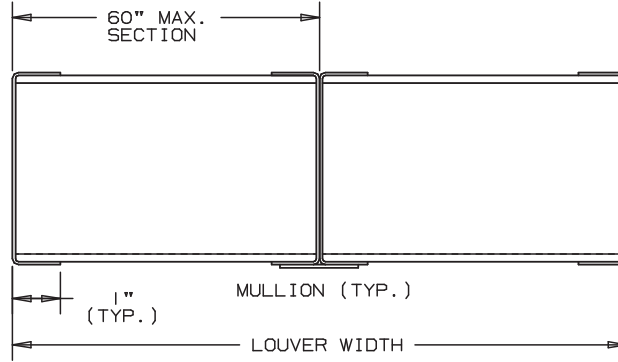
Anemostat®
AIR DISTRIBUTION

MODEL **ACT401-(HF,LF)**
ACOUSTICAL LOUVER
4" DEEP

FORMED STEEL - 45° STATIONARY
MODEL ACT401 IS A NARROW DEPTH LOUVER, ONLY 4" DEEP.



NOT TO SCALE



SPECIFICATIONS

FRAME: 16 GA. GALVANIZED STEEL
 BLADE: 18 GA. GALVANIZED STEEL ON EXTERIOR WITH
 22 GA. GALVANIZED PERFORATED STEEL ON
 INTERIOR SURFACE. APPROXIMATE BLADE
 CENTERS 7 1/2"
 INSULATION: ARROW SOUND INSULATION
 SCREEN: 1/2" SQ. MESH, 19 GA. GALVANIZED (.041"),
 WHEN INDICATED
 CONSTRUCTION: RIVETED AND OR WELDED, WITH HEAD, SILL
 AND BLADES CONTAINED WITHIN JAMBS
 FINISH: MILL, OTHER _____
 MINIMUM PANEL SIZE: 12"x18"
 MAXIMUM SINGLE PANEL SIZE: 60"x96"

FOR PERFORMANCE DATA
- SEE REVERSE SIDE

LOUVERS WILL BE FABRICATED 1/2" SMALLER THAN OPENING SIZE UNLESS OTHERWISE SPECIFIED.

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



Anemostat Air Distribution
 1220 E. Watson Center Road
 Carson, CA 90745
 310-835-7500 • air@anemostat.com
 www.anemostat-hvac.com

AGENT: _____

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

MODEL ACT401

ACOUSTICAL LOUVER

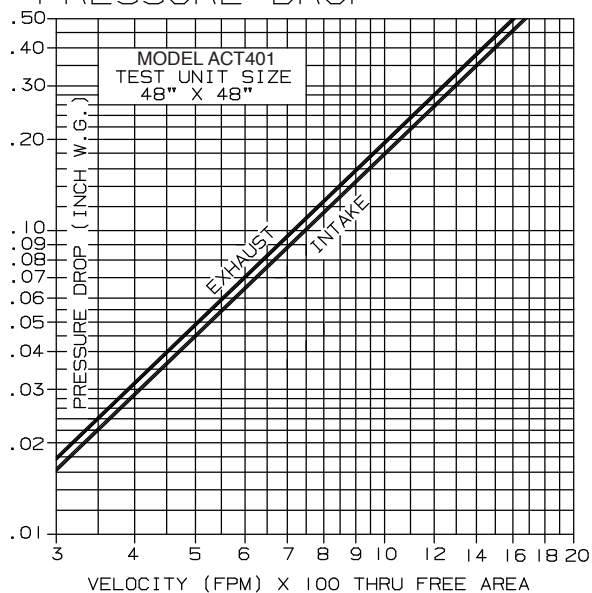
FORMED STEEL - STATIONARY

PERFORMANCE DATA

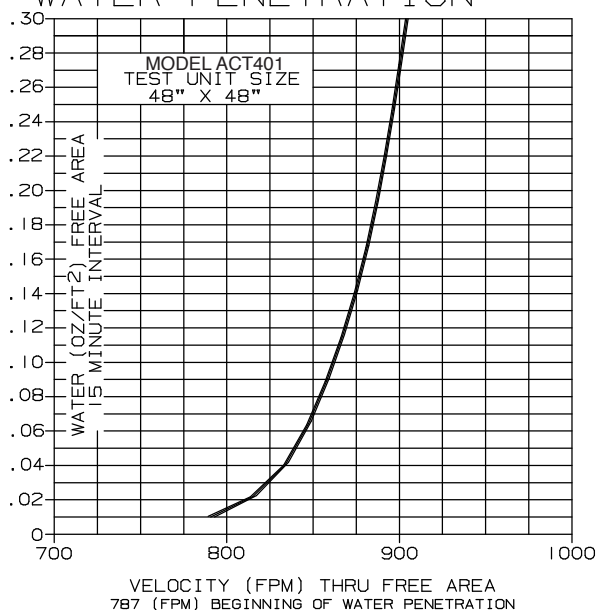
TESTS OF A 48" X 48" SAMPLE BY AN •AMCA REGISTERED LABORATORY ACCORDING TO AMCA STANDARD 500 SHOWS LOW WATER PENETRATION. TESTS SHOW LESS THAN .02 OZ. PER SQ. FT. WATER PENETRATION AT 787 FPM (FREE AREA VELOCITY) WITH LESS THAN .11" W.G. PRESSURE DROP (INTAKE). AND .12" W.G. PRESSURE DROP (EXHAUST).

RATINGS DO NOT INCLUDE THE EFFECT OF BIRDSCREEN.

PRESSURE DROP



WATER PENETRATION



FREE AREA

		FREE AREA (SQ. FT.)								
		WIDTH								
HEIGHT		12"	18"	24"	30"	36"	42"	48"	54"	60"
	24"	.47	.75	1.03	1.32	1.60	1.88	2.16	2.24	2.72
	36"	.68	1.09	1.50	1.91	2.32	2.73	3.13	3.54	3.95
	48"	1.02	1.63	2.24	2.85	3.46	4.07	4.51	5.29	5.91
	60"	1.19	1.91	2.62	3.34	4.05	4.77	5.48	6.20	6.91
	72"	1.53	2.45	3.37	4.29	5.21	6.13	7.05	7.97	8.89
	84"	1.72	2.76	3.79	4.83	5.86	6.90	7.93	8.96	10.00
96"	2.04	3.27	4.50	5.72	6.95	8.16	9.40	10.63	11.85	

•AMCA REGISTERED LABORATORY IS A LABORATORY EQUIPPED AND STAFFED TO CONDUCT TESTS ACCORDING TO THE APPROPRIATE AMCA TEST METHOD AND WHICH IS LICENSED AS A AMCA REGISTERED LABORATORY.

THE ANEMOSTAT MODELACT401 ACOUSTICAL LOUVER LOW FREQUENCY AND HIGH FREQUENCY SOUND PERFORMANCE DATA IS PRESENTED IN TWO SEPARATE TABLES. REVIEW THE APPROPRIATE TABLE AND SELECT THE ATTENUATION VALUE FOR THE DESIGN NOISE CRITERIA CORRECTIVE ACTION REQUIRED.

MODEL ACT401 (LOW FREQUENCY)

OCTIVE BAND	FREQUENCY	1	2	3	4
		63	125	250	500
FREE FIELD NOISE REDUCTION (db)		12	14	12	12

5	6	7	8
1000	2000	4000	8000
9	11	13	15

OCTIVE BAND	FREQUENCY	1	2	3	4
		63	125	250	500
FREE FIELD NOISE REDUCTION (db)		8	7	9	10

MODEL FS-401 (HIGH FREQUENCY)

5	6	7	8
1000	2000	4000	8000
14	16	16	18