Acoustical Louver

Commercial Acoustics

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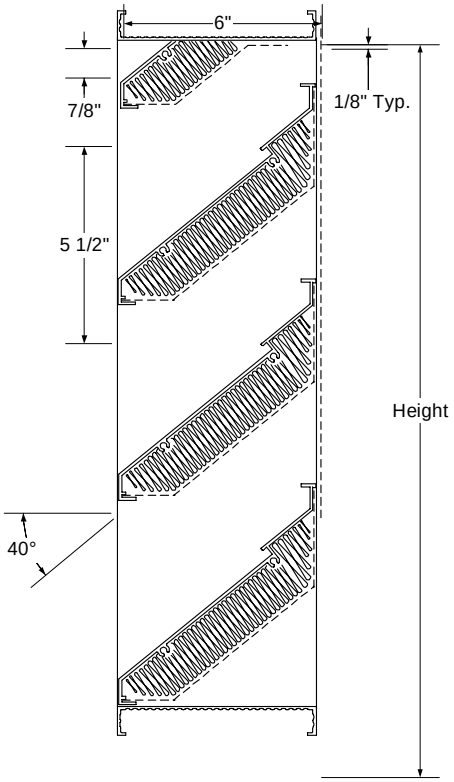
A DIVISION OF METAL FORM MANUFACTURING



PROJECT:

LOCATION:

ENGINEER:

CONTRACTOR:

REVISIONS:

MFLA-15A

Fabricated
40° Blade Stormproof, 6" DEPTH

SPECIFICATIONS

FRAME: .090 6063-T5 extruded aluminum
BLADES: .080 6063-T5 extruded aluminum
BLADE SPACING: 6" standard
FINISH: Mill finish standard
SOUND INSULATION: Glass fiber

SIZES

MINIMUM: 14" x 14"
MAXIMUM: Louvers larger than 96" high x 72" wide are made in sections with mullions, making size unlimited.
DEPTH: 6" frame standard

OPTIONS

SCREEN: 1/2" x 1/2" 19 gauge galvanized mesh. Other size and material screens available.
FLANGE FRAME: See spec. sheet MFX-80-2 for specifications.
FINISH: Anodized:
A. Light Bronze
B. Medium Bronze
C. Dark Bronze
D. Black Bronze
E. Clear No. 204-R1
F. Clear No. 215-R1

Painted:
G. Prime Coat
H. Color Coat (see color chart)

Continuous Length: Louvers longer than 72" are available with concealed mullions.

ACOUSTIC PERFORMANCE

OCTAVE BAND	1	2	3	4	5	6	7	8
CENTER FREQUENCY. Hz	63	125	250	500	1K	2K	4K	8K
TL. dB	3	2	4	6	9	11	12	11
NR. dB	10	9	12	13	14	17	22	24

AERODYNAMIC PERFORMANCE

PRESSURE LOSS, iwg	.05	.15	.20	.35	.45	.60	.75	1.0
FACE VELOCITY, fpm	275	450	525	650	750	850	950	1100

NOTE: Louver will be supplied 1/4 inch smaller than width and height dimensions shown below.

QUANTITY	WALL OPENING		NO. OF SECTIONS	SILL TYPE	FINISH	REMARKS AND OPTIONS
	WIDTH	HEIGHT				