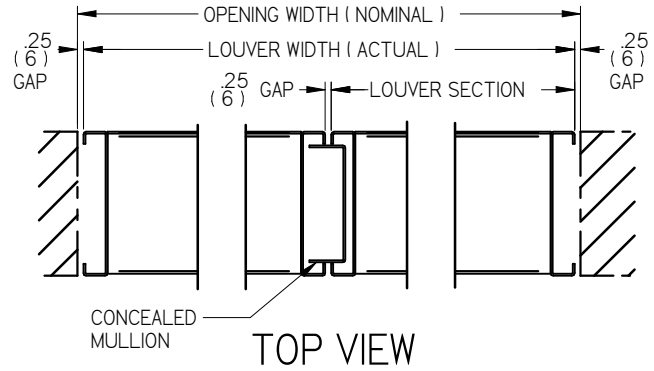
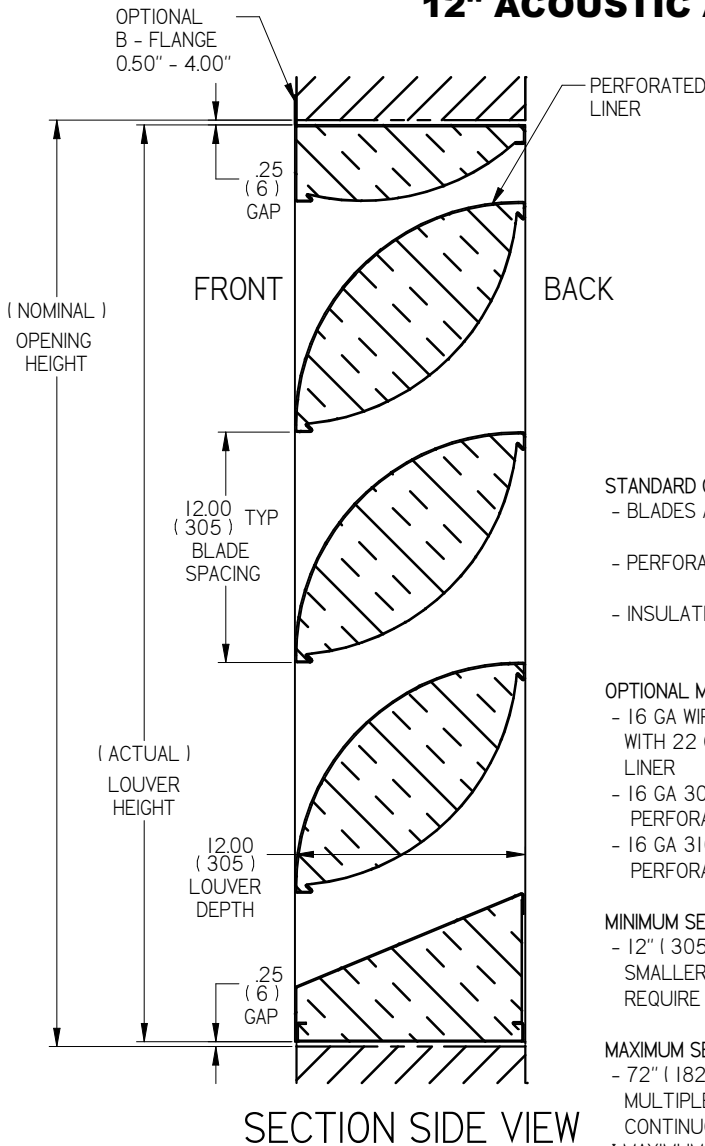


**QAF1245**

**12" ACOUSTIC AIRFOIL LOUVER**



- STANDARD CONSTRUCTION:**
- BLADES AND FRAME: 12 GA FORMED ALUMINUM
  - PERFORATED LINER: 18 GA FORMED ALUMINUM
  - INSULATION: 2" THICK FIBER GLASS BLANKET
- STANDARD FINISH:**
- LOUVERS: MILL FINISH (ALUM. & SS) PRIME COAT (WIPE COAT)
  - PERFORATED LINER: MILL FINISH (ONLY)
- OPTIONAL MATERIALS:**
- 16 GA WIPE COAT (GALVANNEAL) WITH 22 GA GALVANIZED PERFORATED LINER
  - 16 GA 304-2B SS WITH 22 GA SS PERFORATED LINER
  - 16 GA 316-#4 SS WITH 22 GA SS PERFORATED LINER
- OPTIONAL LOUVER FINISHES:**
- PRIME COAT
  - BAKED ENAMEL
  - DURANAR
  - DURANAR XL
  - CLEAR ANODIZED (ALUM. ONLY)
  - COLOUR ANODIZED (ALUM. ONLY)
- AVAILABLE OPTIONS:**
- EXTENDED SILL (LOOSE)
  - BIRD SCREEN
  - INSECT SCREEN
  - BLANK OFF PANEL
- MINIMUM SECTION SIZE:**
- 12" (305) WIDE X 19.500" (495) HIGH
- MAXIMUM SECTION SIZE:**
- 72" (1829) WIDE X 96" (2438) HIGH
- \* SMALLER SIZES AVAILABLE UPON REQUEST & REQUIRE APPROVAL OF DETAILED SUBMITTAL
- \* SEE LOUVER SCHEDULE FOR DEFAULT LIST OF OPTIONS

**ACOUSTIC PERFORMANCE**

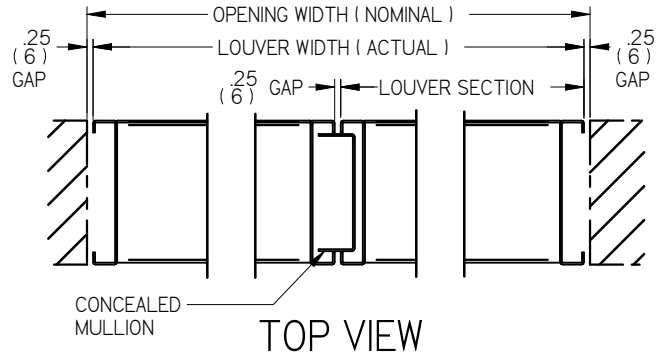
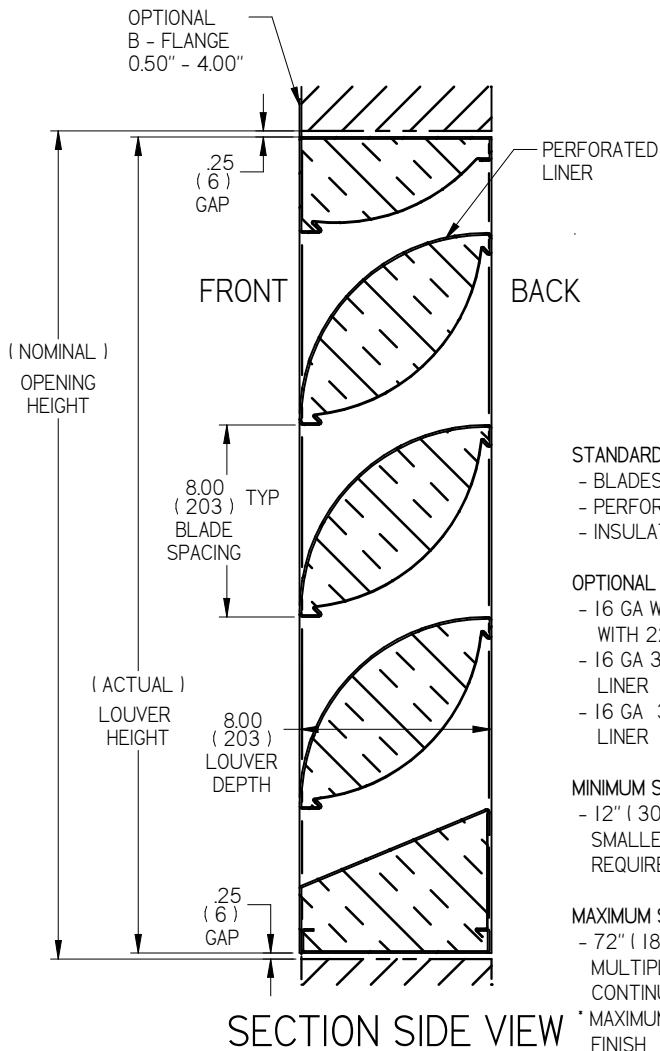
ATTENUATION TYPE	OCTAVE BAND CENTER FREQUENCIES							
	63Hz	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	8000Hz
FREE-FIELD NOISE REDUCTION ( dB )	12	13	15	20	21	18	14	14
TRANSMISSION LOSS ( dB )	6	7	9	14	15	12	8	8

NOTES: DATA OBTAINED IN ACCORDANCE WITH ASTM E90 TEST STANDARD FOR TRANSMISSION LOSS. 63Hz AND 8000Hz OCTAVE BANDS ARE ESTIMATED VALUES DERIVED FROM TEST DATA.

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

<b>PROJECT:</b>		<b>PRICE</b>
<b>ENGINEER:</b>		
<b>CUSTOMER:</b>		<i>MLH</i>
<b>SUBMITTAL DATE:</b>		264268
<b>SPEC. SYMBOL:</b>		DEC 19, 2014
		<b>QAF1245</b> <b>12" ( 305 ) ACOUSTIC LOUVER</b>

**QAF845  
8" ACOUSTIC AIRFOIL LOUVER**



**STANDARD CONSTRUCTION:**

- BLADES AND FRAME: 12 GA FORMED ALUMINUM
- PERFORATED LINER: 18 GA FORMED ALUMINUM
- INSULATION: 2" THICK FIBER GLASS BLANKET

**OPTIONAL MATERIALS:**

- 16 GA WIPE COAT ( GALVANNEAL ) WITH 22 GA GALVANIZED PERFORATED LINER
- 16 GA 304-2B SS WITH 22 GA SS PERFORATED LINER
- 16 GA 316-#4 SS WITH 22 GA SS PERFORATED LINER

**MINIMUM SECTION SIZE:**

- 12" ( 305 ) WIDE X 15.500" ( 394 ) HIGH
- SMALLER SIZES AVAILABLE UPON REQUEST & REQUIRE APPROVAL OF DETAILED SUBMITTAL

**MAXIMUM SECTION SIZE:**

- 72" ( 1829 ) WIDE X 96" ( 2438 ) HIGH
- MULTIPLE SECTIONING IN HEIGHT WILL HAVE A CONTINUOUS VERTICAL APPEARANCE
- \* MAXIMUM SECTION SIZE MAY VARY FOR ANODIZED FINISH

**STANDARD FINISH:**

- LOUVERS: MILL FINISH ( ALUM. & SS ) PRIME COAT ( WIPE COAT )
- PERFORATED LINER: MILL FINISH ( ONLY )

**OPTIONAL LOUVER FINISHES:**

- PRIME COAT
- BAKED ENAMEL
- DURANAR
- DURANAR XL
- CLEAR ANODIZED ( ALUM. ONLY )
- COLOUR ANODIZED ( ALUM. ONLY )

**AVAILABLE OPTIONS:**

- EXTENDED SILL ( LOOSE )
- BIRD SCREEN
- INSECT SCREEN
- BLANK OFF PANEL

\* SEE LOUVER SCHEDULE FOR DEFAULT LIST OF OPTIONS

**ACOUSTIC PERFORMANCE**

ATTENUATION TYPE	OCTAVE BAND CENTER FREQUENCIES							
	63Hz	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	8000Hz
FREE-FIELD NOISE REDUCTION ( dB )	10	11	13	16	21	18	14	14
TRANSMISSION LOSS ( dB )	4	5	7	10	15	12	8	8

NOTES: DATA OBTAINED IN ACCORDANCE WITH ASTM E90 TEST STANDARD FOR TRANSMISSION LOSS. 63Hz AND 8000Hz OCTAVE BANDS ARE ESTIMATEVALUES FROM TEST DATA.

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

<b>PROJECT:</b>		  <b>MLH</b>  <b>QAF845</b> <b>8" (203) ACOUSTIC LOUVER</b>
<b>ENGINEER:</b>		
<b>CUSTOMER:</b>		
<b>SUBMITTAL DATE:</b>	<b>SPEC. SYMBOL:</b>	
		264267
		DEC 19, 2014