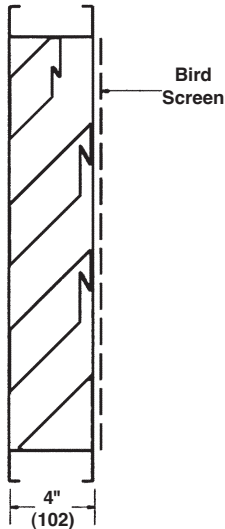
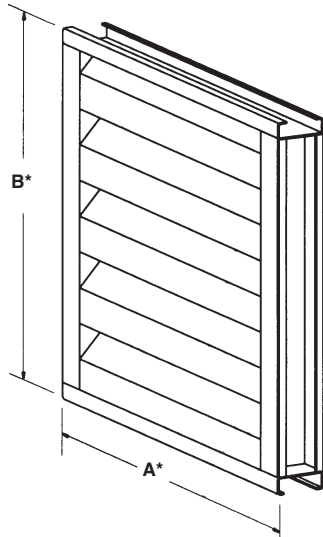




## 445RAAZ STATIONARY ACOUSTICAL LOUVER

### FORMED STEEL



#### STANDARD CONSTRUCTION

- FRAME**  
4" (102) deep, 16 gage (1.6) galvanized steel channel.
- BLADES**  
18 gage (1.3) galvanized steel exterior surface, with 22 gage (.9) perforated steel interior surface that covers insulation. Blades positioned at 45° angle and spaced approximately 6" (152) center to center.
- INSULATION**  
Ruskatherm blanket.
- SCREEN**  
1/2" mesh x 19 gage (13 x 1.1) galvanized bird screen in removable frame. Screen adds approximately 1/2" (13) to louver depth.
- FINISH**  
Mill.
- MINIMUM SIZE**  
12"w x 18"h (305 x 457).

- APPROXIMATE SHIPPING WEIGHT**  
5 lbs. per sq. ft.
- MAXIMUM FACTORY ASSEMBLY SIZE**  
Shall be 64 sq. ft. (6m<sup>2</sup>). Maximum single section size shall be 48" x 96" (1219 x 2438). Louvers larger than the maximum single section size will require field assembly of smaller sections.

#### FEATURES

The 445RAAZ offers insulated blades which provide effective sound attenuation and weather protection with an architecturally pleasing appearance.

#### VARIATIONS

Variations to the basic design of this louver are available at additional cost. They include:

- Extended sill.
- Front or rear security bars.
- Filter racks.
- A variety of bird and insect screens.
- Selection of finishes: baked enamel (modified fluoropolymer), epoxy, Kynar, Acrodize, prime coat, integral color and clear anodize. (Some variation in anodize color consistency is possible.) (Anodize finish available only on aluminum construction.)
- Formed aluminum frame with .100" (2.5) nominal wall thickness and .080" (1.6) blade with .040" (1) perforated aluminum interior surface.

Octave Band Frequency (Hz)	Free Field Noise Reduction (db) Ruskatherm Blanket
1/63	9
2/125	11
3/250	9
4/500	11
5/1000	15
6/2000	17
7/4000	16
8/8000	16

To calculate Transmission Loss (db), subtract 6 db from Free Field Noise Reduction (db).

Dimensions in inches, parenthesis ( ) indicate millimeters.

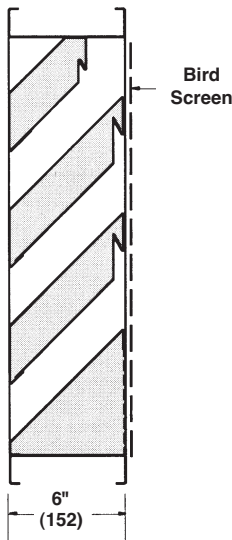
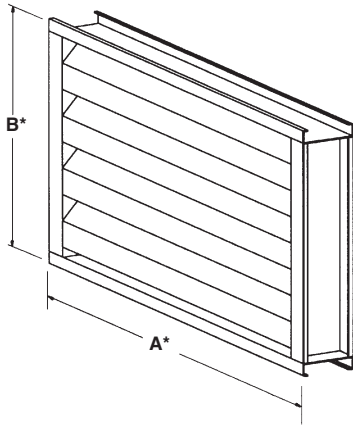
\*Units furnished 1/4" (6) smaller than given opening dimensions.

TAG	QTY.	SIZE		FRAME	VARIATIONS
		A*-WIDE	B*-HIGH		
<b>PROJECT ARCH./ENGR. REPRESENTATIVE</b>		 <b>WebREPS</b> 1-800-810-3280		<b>LOCATION CONTRACTOR DATE</b>	



## 645RAAZ STATIONARY ACOUSTICAL LOUVER

### FORMED STEEL



#### STANDARD CONSTRUCTION

**FRAME**  
6" (152) deep, 16 gage (1.6) galvanized steel channel.

**BLADES**  
18 gage (1.3) galvanized steel exterior surface, with 22 gage (.9) perforated steel interior surface that covers insulation. Blades positioned at 45° angle and spaced approximately 6" (152) center to center.

**ACOUSTICAL INSULATION**  
Ruskatherm blanket.

**SCREEN**  
1/2" mesh x 19 gage (13 x 1.1) galvanized steel bird screen in removable frame. Screen adds approximately 1/2" (13) to louver depth.

**FINISH**  
Mill.

**MINIMUM SIZE**  
12"w x 18"h (305 x 457).

**APPROXIMATE SHIPPING WEIGHT**  
6 lbs. per sq. ft.

**MAXIMUM FACTORY ASSEMBLY SIZE**  
Shall be 64 sq. ft. (6m<sup>2</sup>). Maximum single section size shall be 48" x 96" (1219 x 2438). Louvers larger than the maximum single section size will require field assembly of smaller sections.

#### FEATURES

The 645RAAZ offers insulated blades which provide effective sound attenuation and weather protection with an architecturally pleasing appearance.

#### VARIATIONS

Variations to the basic design of this louver are available at additional cost. They include:

- Extended sill.
- Front or rear security bars.
- Filter racks.
- A variety of bird and insect screens.
- Selection of finishes: baked enamel (modified fluoropolymer), epoxy, Kynar, Acrodize, prime coat, integral color and clear anodize. (Some variation in anodize color consistency is possible.) (Anodize finish available only on aluminum construction.)
- Formed aluminum frame with .100" (2.5) nominal wall thickness and .080" (1.6) blade with .040" (1) perforated aluminum interior surface.

Octave Band Frequency (Hz)	Free Field Noise Reduction (db) Ruskatherm Blanket
1/63	10
2/125	11
3/250	9
4/500	13
5/1000	19
6/2000	20
7/4000	19
8/8000	18

To calculate Transmission Loss (db), subtract 6 db from Free Field Noise Reduction (db).

Dimensions in inches, parenthesis ( ) indicate millimeters.

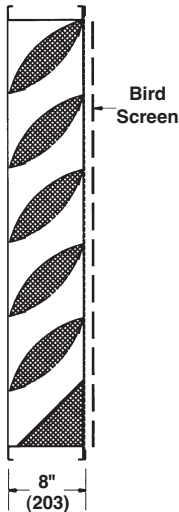
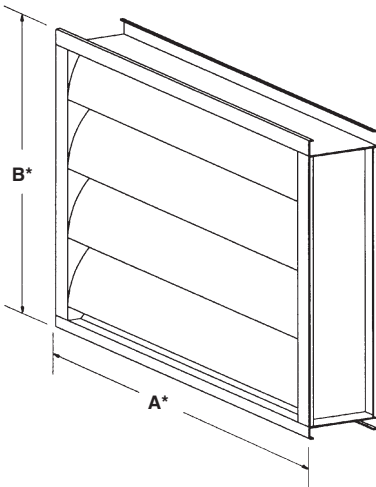
\*Units furnished 1/4" (6) smaller than given opening dimensions.

TAG	QTY.	SIZE		FRAME	VARIATIONS
		A*-WIDE	B*-HIGH		
<b>PROJECT ARCH./ENGR. REPRESENTATIVE</b>		 <b>WebREPS</b> 1-800-810-3280		<b>LOCATION CONTRACTOR DATE</b>	



## 845FBAF STATIONARY ACOUSTICAL LOUVER

### FORMED STEEL



#### STANDARD CONSTRUCTION

**FRAME**  
8" (203) deep, 16 gage (1.6) galvanized steel channel.

**BLADES**  
18 gage (1.3) airfoil shaped galvanized steel exterior surface, with 22 gage (.9) perforated steel interior surface that covers insulation. Blades positioned at 45° angle and spaced approximately 8" (203) center to center.

**ACOUSTICAL INSULATION**  
Ruskatherm blanket.

**SCREEN**  
1/2" mesh x 19 gage (13 x 1.1) galvanized bird screen in removable frame. Screen adds approximately 1/2" (13) to louver depth.

**FINISH**  
Mill.

**MINIMUM SIZE**  
12"w x 18"h (305 x 457).

**APPROXIMATE SHIPPING WEIGHT**  
8 lbs. per sq. ft.

**MAXIMUM FACTORY ASSEMBLY SIZE**  
Shall be 64 sq. ft. (6m<sup>2</sup>). Maximum single section size shall be 48" x 96" (1219 x 2438). Louvers larger than the maximum single section size will require field assembly of smaller sections.

#### FEATURES

The 845FBAF offers insulated airfoil blades which provide effective sound attenuation and weather protection with an architecturally pleasing appearance.

#### VARIATIONS

Variations to the basic design of this louver are available at additional cost. They include:

- Extended sill.
- Front or rear security bars.
- Filter racks.
- A variety of bird and insect screens.
- Selection of finishes: baked enamel (modified fluoropolymer), epoxy, Kynar, Pearle-dize, prime coat, integral color and clear anodize. (Some variation in anodize color consistency is possible. Anodize finish available only on aluminum construction.)
- Formed aluminum frame with .100" (2.5) nominal wall thickness and .080" (2) blade with .040" (1) perforated aluminum interior surface.

Octave Band Frequency (Hz)	Free Field Noise Reduction (db) Ruskatherm Blanket
1/63	11
2/125	13
3/250	11
4/500	13
5/1000	18
6/2000	18
7/4000	18
8/8000	20

To calculate Transmission Loss (db), subtract 6 db from Free Field Noise Reduction (db).

Dimensions in inches, parenthesis ( ) indicate millimeters. \*Units furnished 1/4" (6) smaller than given opening dimensions.

TAG	QTY.	SIZE		FRAME	VARIATIONS
		A*-WIDE	B*-HIGH		

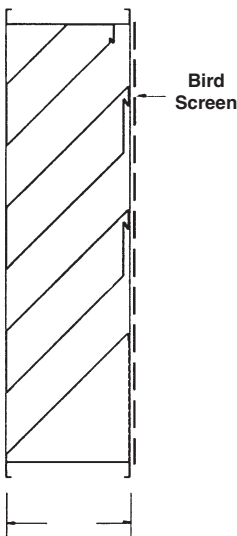
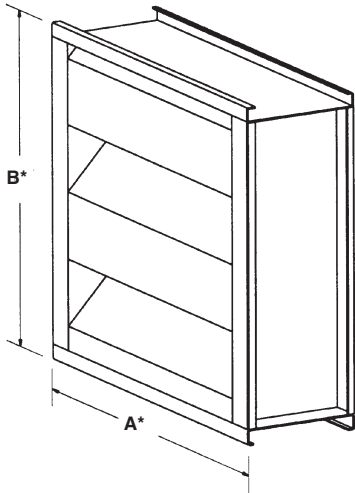
<b>PROJECT</b> <b>ARCH./ENGR.</b> <b>REPRESENTATIVE</b>	<b>WebREPS</b> 1-800-810-3280	<b>LOCATION</b> <b>CONTRACTOR</b> <b>DATE</b>
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## 1245RAAZ STATIONARY ACOUSTICAL LOUVER

### FORMED STEEL



#### STANDARD CONSTRUCTION

- FRAME**  
8" (203) deep, 16 gage (1.6) galvanized steel channel.
- BLADES**  
18 gage (1.3) galvanized steel exterior surface, with 22 gage (.9) perforated steel interior surface that covers insulation. Blades positioned at 45° angle and spaced approximately 12" (305) center to center.
- ACOUSTICAL INSULATION**  
Ruskatherm blanket.
- SCREEN**  
1/2" mesh x 19 gage (13 x 1.1) galvanized bird screen in removable frame. Screen adds approximately 1/2" (13) to louver depth.
- FINISH**  
Mill.
- MINIMUM SIZE**  
12" w x 24" h (305 x 610).
- APPROXIMATE SHIPPING WEIGHT**  
11 lbs. per sq. ft. (53.7 kg/m<sup>2</sup>).
- MAXIMUM FACTORY ASSEMBLY SIZE**  
Shall be 64 sq. ft. (6m<sup>2</sup>). Maximum single section size shall be 48" w x 96" h (1219 x 2438). Louvers larger than the maximum single section size will require field assembly of smaller sections.

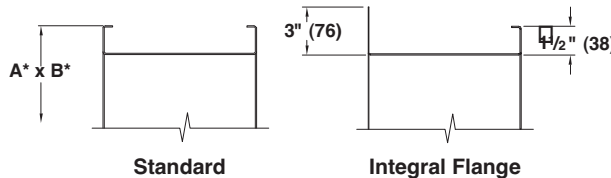
#### FEATURES

- The 1245RAAZ offers:
- Insulated blades which provide effective sound attenuation and weather protection.
  - Published performance ratings based on testing in accordance with AMCA Publication 511.
  - Architecturally pleasing appearance.

#### VARIATIONS

- Variations to the basic design of this louver are available at additional cost. They include:
- Extended sill.
  - Front or rear security bars.
  - Filter racks.
  - Installation angles.
  - A variety of bird and insect screens.
  - Selection of finishes: prime coat, baked enamel (modified fluoropolymer), epoxy, Acrodize, Kynar, clear and color anodize. (Anodize finish available only on aluminum construction. Some variation in anodize color consistency is possible.)
  - Formed aluminum frame with .100" (2.5) nominal wall thickness and .080" (2) blade with .040" (1) perforated aluminum interior surface.

#### STANDARD CONSTRUCTION



Octave Band Frequency (Hz)	Free Field Noise Reduction (db) Ruskatherm Blanket
2/125	10
3/250	11
4/500	18
5/1000	20
6/2000	19
7/4000	20
8/8000	21

To calculate Transmission Loss (db), subtract 6 db from Free Field Noise Reduction (db).

Dimensions in inches, parenthesis ( ) indicate millimeters.

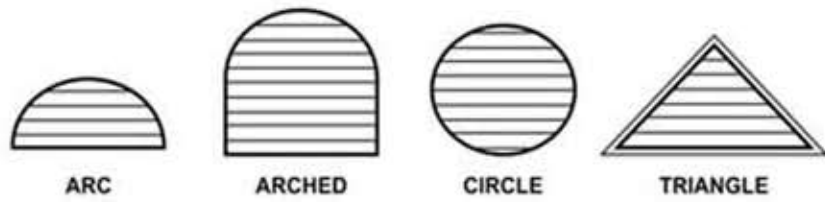
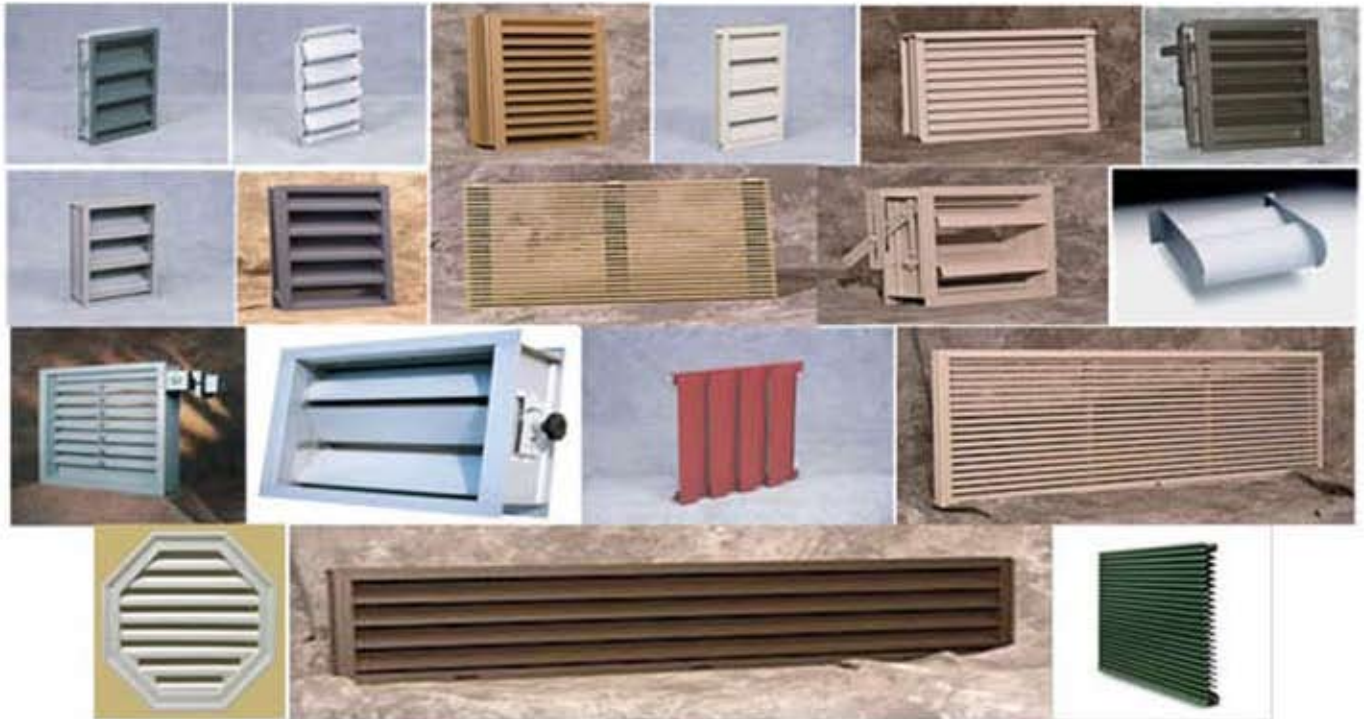
\*Units furnished 1/4" (6) smaller than given opening dimensions.

TAG	QTY.	SIZE		FRAME	VARIATIONS
		A*-WIDE	B*-HIGH		

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