

FIXED AIR LOUVER

FIXED BLADES ON 1" CENTERS
NO-VISION DESIGN

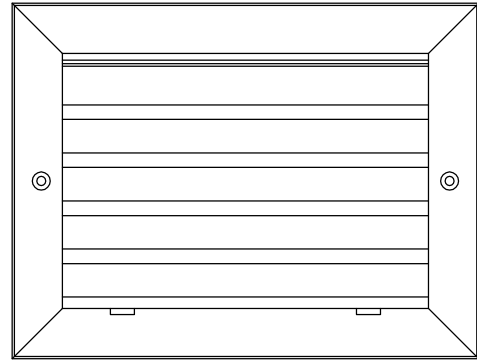
MINIMUM SIZE: 6" WIDTH x 4" HEIGHT

MAXIMUM SIZE: 96" WIDTH x 96" HEIGHT

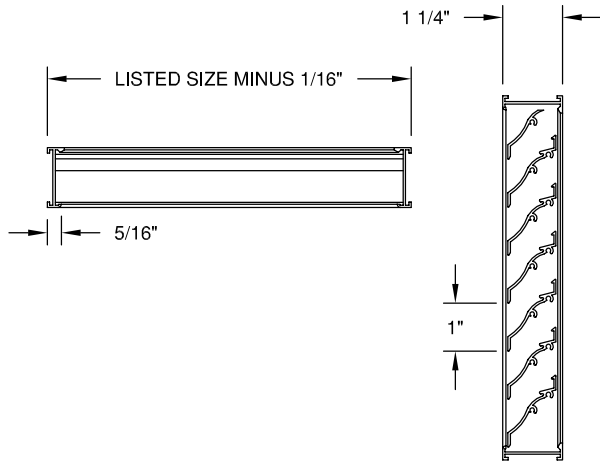
EXTRUDED ALUMINUM; 6063-T5

FINISH - SA (CLEAR ANODIZE)

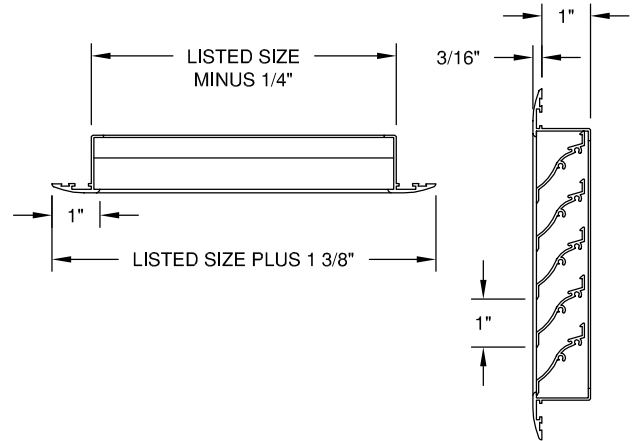
NOT RECOMMENDED FOR OUTSIDE USE,
WATER WILL PENETRATE THROUGH LOUVER



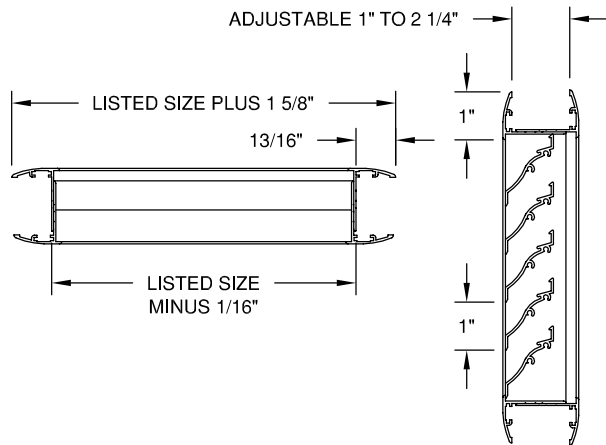
FACE VIEW



MODEL - FALC - FLANGLASS FRAME



MODEL - FAL1 - SINGLE FLANGE FRAME



MODEL - FAL2 - AUXILIARY FRAME

DWG NO.

02HV060C

JOB NAME: _____

LOCATION: _____

ARCHITECT: _____



WebREPS
1-800-810-3280

ENGINEER: _____

CONTRACTOR: _____

FINISH: _____

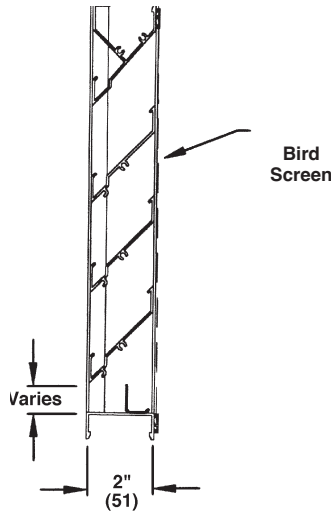
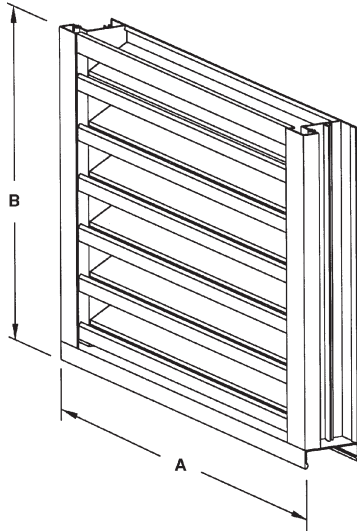
DATE:

10/28/02



245D DRAINABLE THIN LINE STATIONARY LOUVER

EXTRUDED ALUMINUM



STANDARD CONSTRUCTION

FRAME
2" (51) deep 6063T5 extruded aluminum, .060" (1.5) nominal wall thickness. Downspouts and caulking surfaces provided.

BLADES
6063T5 extruded aluminum, .060" (1.5) nominal wall thickness. Drainable blades are positioned at 45° angle and spaced approximately 3³/₁₆" (81) center to center.

SCREEN
3/4" x .051" (19 x 1.3) expanded, flattened aluminum bird screen in removable frame. Screen adds approximately 1/2" (13) to louver depth.

FINISH
Mill.

MINIMUM SIZE
6"w x 10"h (152 x 254).

APPROXIMATE SHIPPING WEIGHT
2 lbs. per sq. ft. (9.8 kg/m²).

MAXIMUM FACTORY ASSEMBLY SIZE
Shall be 75 sq. ft. (7m²) per section, not to exceed 120"w x 90"h (3048 x 2286) or 90"w x 120"h (2286 x 3048). Louvers larger than the maximum factory assembly size will require field assembly of smaller sections.

SUPPORTS
Louvers may be provided with rear mounted Hidden Vertical Blade Supports that increase overall louver depth depending on louver size, assembly configuration or wind-load.

Consult Reliable for additional information.

FEATURES

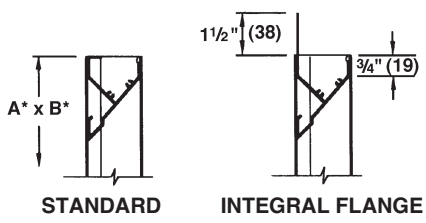
- The 245D offers:
- 38% Free Area.
 - Published performance ratings based on testing in accordance with AMCA Publication 511.
 - High performance frame system with drainable head collects and removes water to provide excellent water penetration performance.
 - Drain gutter in each blade minimizes water cascade between blades.
 - Architecturally styled, hidden mullions allowing continuous blade appearance up to 120" (3048).
 - All aluminum construction for low maintenance and high resistance to corrosion.

VARIATIONS

- Variations to the basic design of the louver are available at additional cost. They include:
- Extended sill.
 - Hinged frame.
 - 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. (Some variation in anodize color consistency is possible.)

Consult Reliable for other special requirements.

FRAME CONSTRUCTION



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		

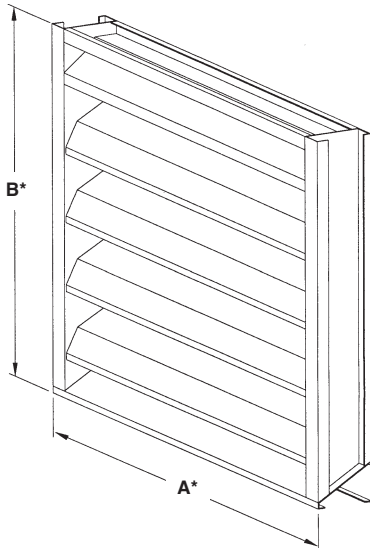
PROJECT ARCH./ENGR. REPRESENTATIVE	WebREPS 1-800-810-3280	LOCATION CONTRACTOR DATE
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1300 ENTERPRISE ROAD GENEVA, ALABAMA 36340-0580 800-239-4621 FAX 1-800-508-1469 www.reliablelouvers.com

4375B STATIONARY LOUVER

EXTRUDED ALUMINUM



STANDARD CONSTRUCTION

FRAME

4" (102) deep, 6063T5 extruded aluminum, .081" (2.1) nominal wall thickness. Caulking surfaces provided.

BLADES

6063T5 extruded aluminum with .081" (2.1) nominal wall thickness. Blades are positioned at 37¹/₂° angle and spaced approximately 4³/₄" (127) center to center.

SCREEN

³/₄" x .051" (19 x 1.3) expanded, flattened aluminum bird screen in removable frame. Screen adds approximately 1/2" (13) to louver depth.

FINISH

Mill.

MINIMUM SIZE

12"w x 12"h (305 x 305).

APPROXIMATE SHIPPING WEIGHT

4 lbs. per sq. ft. (19.5 kg/m²)

MAXIMUM FACTORY ASSEMBLY SIZE

Shall be 75 sq. ft. (7m²) per section, not to exceed 120"w x 90"h (3048 x 2286) or 90" w x 120" h (2286 x 3048).

Louvers larger than the maximum factory assembly size will require field assembly of smaller sections.

SUPPORTS

Louvers may be provided with rear mounted blade supports that increase overall louver depth depending on louver size, assembly configuration or windload.

Consult Reliable for additional information.

FEATURES

The 4375B offers:

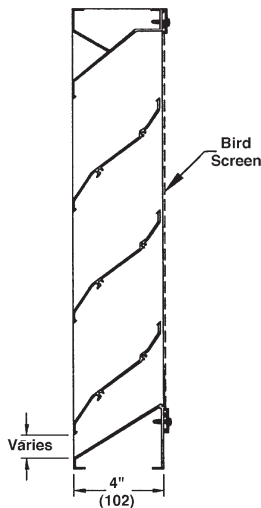
- 52% Free Area.
- Published performance ratings based on testing in accordance with AMCA Publication 511.
- Architecturally styled hidden mullions allowing continuous line appearance.
- Aluminum construction for low maintenance and high resistance to corrosion.
- Low pressure drop and low water penetration.

VARIATIONS

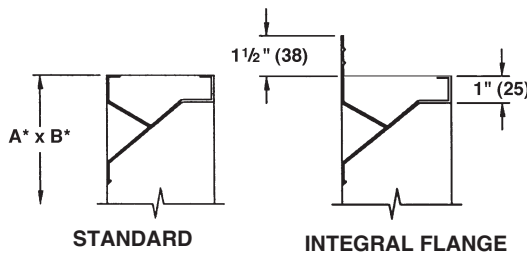
Variations to the basic design of this louver are available at additional cost. They include:

- Extended sill.
- Hinged frame.
- 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. (Some variations in anodize color consistency is possible.)

Consult Reliable for other special requirements.



FRAME CONSTRUCTION



Dimensions in inches, parenthesis () indicate millimeters.

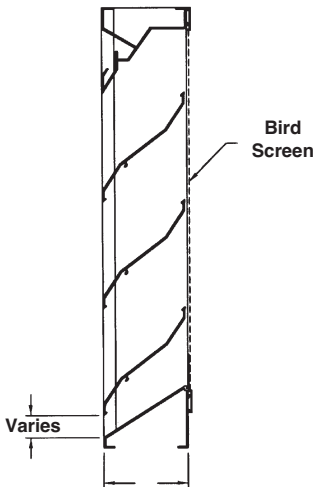
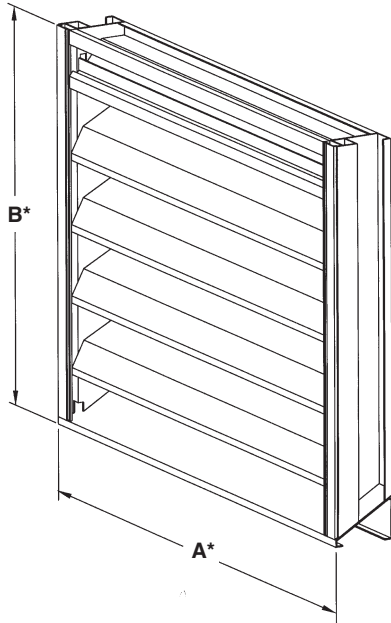
*Units furnished 1/4" (6) smaller than given opening dimensions.

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



6375Z, 6375ZS, 6375Z125 STATIONARY LOUVERS

EXTRUDED ALUMINUM



STANDARD CONSTRUCTION

FRAME
 6" (152) deep, 6063T5 extruded aluminum.
 6375Z - .081" (2.1) nominal wall thickness.
 6375ZS - .125" (3.2) nominal wall thickness.
 6375Z125 - .125" (3.2) nominal wall thickness.
 Downspouts and caulking surfaces provided.

BLADES
 6063T5 extruded aluminum.
 6375Z - .081" (2.1) nominal wall thickness.
 6375ZS - .125" (3.2) nominal wall thickness.
 6375Z125 - .125" (3.2) nominal wall thickness.
 Blades are positioned at 37¹/₂° angle and spaced approximately 5²⁹/₃₂" (150) center to center.

SCREEN
 3/4" x .051" (19 x 1.3) expanded, flattened aluminum bird screen in removable frame. Screen adds approximately 1/2" (13) to louver depth.

FINISH
 Mill.

MINIMUM SIZE
 12"w x 12"h (305 x 305).

APPROXIMATE SHIPPING WEIGHT
 ELF375X - 4 lbs./ft.² (19.5 kg/m²).
 ELF375XH - 6 lbs./ft.² (29.3 kg/m²).

MAXIMUM FACTORY ASSEMBLY SIZE
 Shall be 75 sq. ft. (7m²) per section, not to exceed 120"w x 90"h (3048 x 2286) or 90"w x 120"h (2286 x 3048).
 Louvers larger than the maximum factory assembly size will require field assembly of smaller sections.

SUPPORTS
 Louvers may be provided with rear mounted blade supports that increase overall louver depth depending on louver size, assembly configuration or windload.

Consult Reliable for additional information.

FEATURES

- The 6375Z, 6375ZS and 6375Z125 offers:
- 55% Free Area.
 - Published performance ratings based on testing in accordance with AMCA Publication 511.
 - High performance frame system with drainable head collects and removes water to provide excellent water penetration performance.
 - Architecturally styled, hidden mullions allowing continuous line appearance up to 120" (3048).
 - Aluminum construction for low maintenance and high resistance to corrosion.
 - All welded construction.

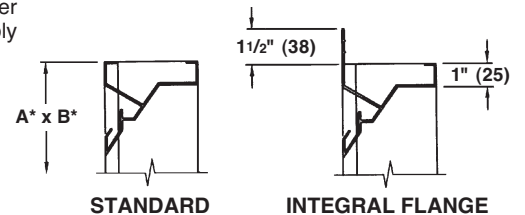
VARIATIONS

Variations to the basic design of these louvers are available at additional cost. They include:

- Extended sill.
- Hinged frame.
- Front or rear security bars.
- Filter racks.
- A variety of bird and insect screens.
- Selection of finishes: prime coat, baked enamel (modified fluoropolymer), epoxy, Acrodize, Kynar, clear and color anodize. (Some variation in anodize color consistency is possible.)

Consult Reliable for other special requirements.

FRAME CONSTRUCTION



Dimensions in inches, parenthesis () indicate millimeters.

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

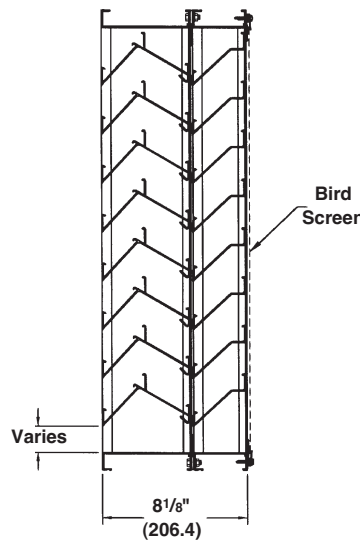
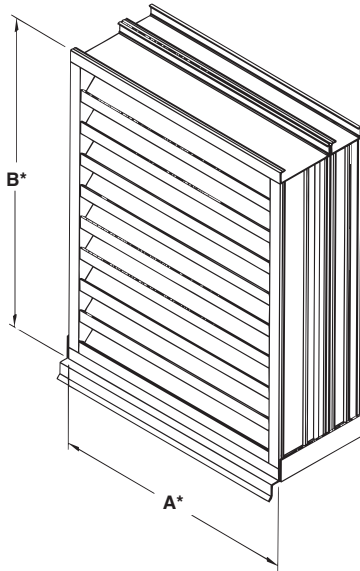
TAG	QTY.	SIZE		FRAME	VARIATIONS
		A*-WIDE	B*-HIGH		
PROJECT ARCH./ENGR. REPRESENTATIVE		 WebREPS 1-800-810-3280		LOCATION CONTRACTOR DATE	



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8DDWRG WIND-DRIVEN RAIN STATIONARY LOUVER

EXTRUDED ALUMINUM



STANDARD CONSTRUCTION

FRAME
8" (203) deep, 6063T5 extruded aluminum with .081" (2.1) nominal wall thickness. Downspouts and caulking surfaces provided.

BLADES
6063T5 extruded aluminum, .060" (1.5) nominal wall thickness. Drainable blades are spaced approximately 2³/₄" (70) center to center.

SCREEN
5/8" x .040" (16 x 1) expanded, flattened aluminum bird screen in removable frame. Screen adds approximately 1/2" (13) to louver depth.

EXTENDED SILL
.081" (2.1) formed aluminum with end dams.

FINISH
Mill.

MINIMUM SIZE
12"w x 12"h (305 x 305).

APPROXIMATE SHIPPING WEIGHT
8 lbs. per sq. ft.

MAXIMUM FACTORY ASSEMBLY SIZE
Shall be 60 sq. ft. (6m²) per section, not to exceed 120"w x 72"h (3048 x 1829) or 72"w x 120"h (1829 x 3048).
Louvers larger than the maximum factory assembly size will require field assembly of smaller sections.

SUPPORTS
Louvers may be provided with rear mounted blade supports that increase overall louver depth depending on louver size, assembly configuration or windload.

Consult Reliable for additional information.

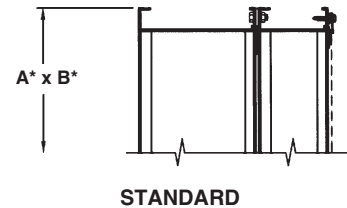
FEATURES

- The 8DDWRG offers:
- 46% Free Area.
 - Special blade profile prevents wind driven rain penetration.
 - Rain penetration test performed under the European (HEVAC) Simulated Rain Testing Method.
 - Drain gutter in each blade; downspouts in jambs and mullions to drain water from louver for minimum water cascade from blade to blade.
 - Aluminum extended finished to match louver is provided.
 - All aluminum construction for low maintenance and high resistance to corrosion.

VARIATIONS

- Variations to the basic design of the louver are available at additional cost. They include:
- Front or rear security bars.
 - Filter racks.
 - A variety of bird and insect screens.
 - Selection of finishes: prime coat, baked enamel (modified fluoropolymer), epoxy, Pearledize, Kynar, clear and color anodize. (Some variation in anodize color consistency is possible.)
- Consult Reliable for other special requirements.

FRAME CONSTRUCTION



Dimensions in inches, parenthesis () indicate millimeters.

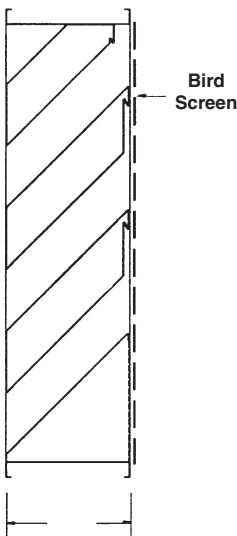
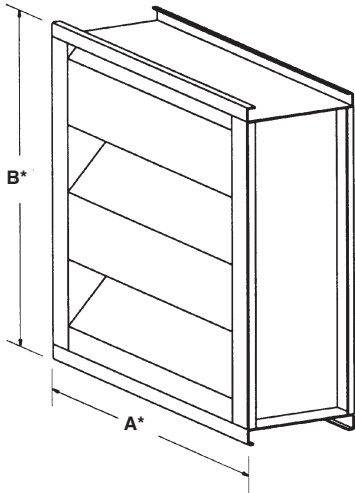
*Units furnished 1/4" (6) smaller than given opening dimensions.

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



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/m²).
- MAXIMUM FACTORY ASSEMBLY SIZE**
Shall be 64 sq. ft. (6m²). 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.

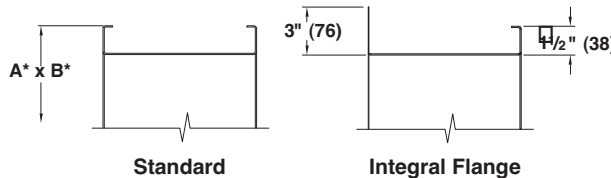
FEATURES

- 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.

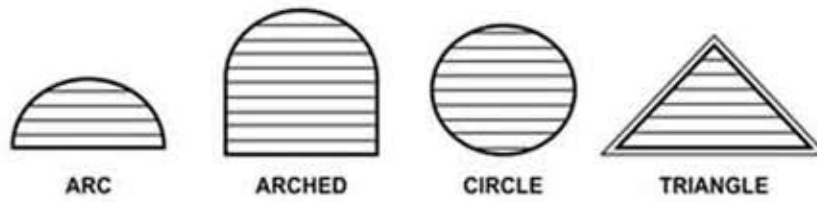
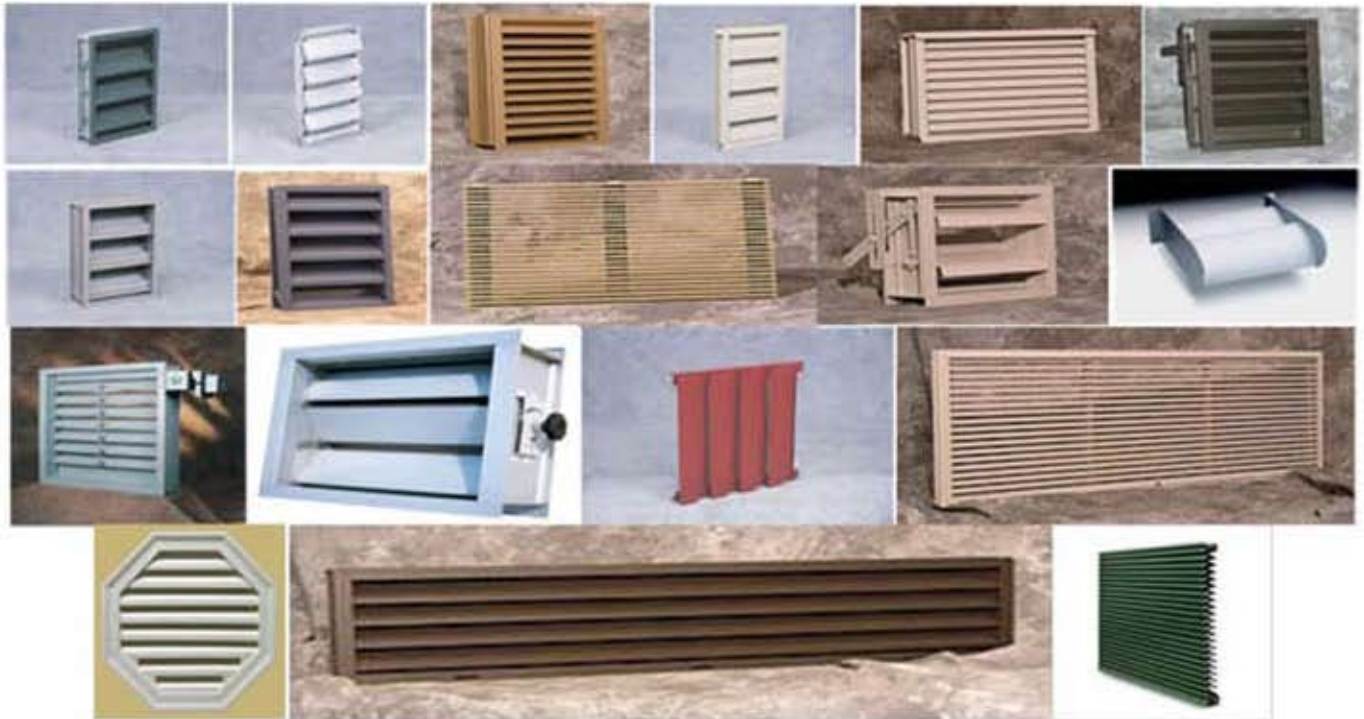
*Units furnished 1/4" (6) smaller than given opening dimensions.

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

PROJECT
ARCH./ENGR.
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LOCATION
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LOUVERS

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