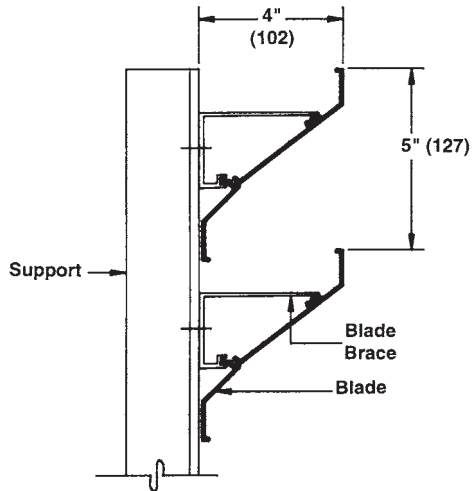


445RBI HORIZONTAL SCREEN

EXTRUDED ALUMINUM (INVERTED BLADE)



STANDARD CONSTRUCTION

BLADES

6063T5 extruded aluminum with .080" (2) nominal wall thickness, positioned at 45° angle and spaced approximately 5" (127) center to center.

SUPPORT

As required per wind load. Consult Reliable.

FINISH

Mill.

APPROXIMATE SHIPPING WEIGHT

4 lbs. per sq. ft. (20 kg per m²).

MAXIMUM FACTORY ASSEMBLY SIZE

Shall be 64 sq. ft. (6m²) per section, not to exceed 190" wide and 90" high (4826 and 2286) or 90" wide and 190" high (2286 and 4826).

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

FEATURES

The 445RBI design features:

- Architecturally styled, hidden supports for attractive appearance.
- All aluminum construction for low maintenance and high resistance to corrosion.
- Blade spacing allows for high free area, added economy, or a sight proof design.

VARIATIONS

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

- Mitered or box corners.
- Hinged access sections.
- Selection of finishes: baked enamel (modified fluoropolymer), epoxy, Kynar, Pearledize, prime coat, clear and color anodize. (Some variation in anodize color consistency is possible).

Consult Reliable for other special requirements.

SUGGESTED SPECIFICATION

Furnish and install screens as described in schedules. Screen components shall be factory assembled by the manufacturer. Sizes too large for shipping shall be built up by the contractor from factory assembled sections to provide overall sizes required. Design shall incorporate blade supports required to withstand a wind load of 20 lbs. per sq. ft. (96KPa) (equivalent of a 90 mph wind [145 KPH] – specifier may substitute any loading required) when attached to structural supports supplied by others.

Screens shall be architectural style with continuous appearing stationary blades – intermediate supports shall not interrupt blade appearance when viewed from outside of screen.

Screens shall be Reliable Model 445RBI extruded 6063T5 aluminum alloy construction as follows:


Blades: .080" (2) wall thickness at 45° angle and spaced approximately 5" (127) center to center.

Fasteners: Anchorage shall be concealed and not visible on the exterior face of the screen.

Finish: Select finish specification from Reliable Finishes Brochure.

Dimensions in parenthesis () indicate millimeters.

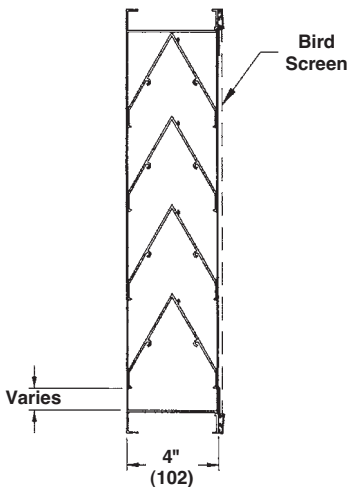
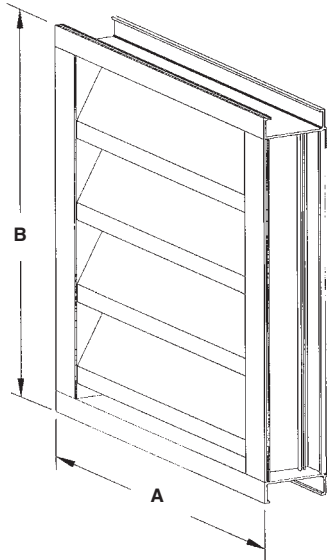
Units are furnished actual size.

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



Web Reps 800-810-3280

4RCH (HORIZONTAL) AND 4RCV (VERTICAL) STATIONARY SIGHTPROOF LOUVER EXTRUDED ALUMINUM



STANDARD CONSTRUCTION

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

BLADES
6063T5 extruded aluminum .081" (2.1) nominal wall thickness. Chevron blades feature 60° surfaces and are spaced approximately 4" (102) 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.

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 and 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 other special requirements.

FEATURES

- The 4RCH/4RCV offers:
- 35% Free Area.
 - Sightproof chevron blades provide privacy, conceal equipment, prevent vandalism and act as a safety barrier to dangerous areas.
 - Architecturally styled hidden mullions allowing continuous line appearance.
 - Aluminum construction for low maintenance and high resistance to corrosion.

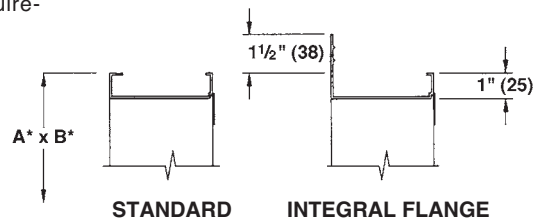
VARIATIONS

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, Pearledize, Kynar, clear and color anodize. (Some variation in anodize color consistency is possible).

Consult Reliable for other special requirements.

FRAME CONSTRUCTION



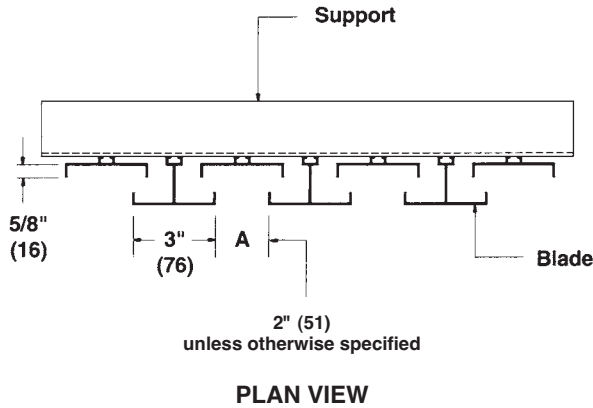
Dimensions in inches, parenthesis () indicate millimeters.

*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
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175T VERTICAL SCREEN EXTRUDED ALUMINUM



SUGGESTED SPECIFICATION

Furnish and install vertical screens as hereinafter specified where shown on plans or as described in schedules. Screen components shall be factory assembled by the manufacturer. Sizes too large for shipping shall be built up by the contractor from factory assembled sections to provide overall sizes required. Design shall incorporate structural supports required to withstand a wind load of 20 lbs. per sq. ft. (96 kPa, equivalent of a 90 mph wind [145 KPH] – specifier may substitute any loading required).

Screens shall be Reliable Model 175T 6063T5 extruded aluminum alloy construction as follows:

Blades: .060" (1.5) wall thickness, 3" wide x 5/8" deep (76 x 16), spaced at 2" (51) unless otherwise specified.

Fasteners: Anchorage shall be concealed and not visible on the exterior face of the screen.

Finish: Select finish specification from Reliable/Valspar Finishes Brochure.

STANDARD CONSTRUCTION

BLADES

6063T5 extruded aluminum with .060" (1.5) nominal thickness. Blades are 3" wide and 5/8" deep (76 x 16), spaced at 2" (51) unless otherwise specified. Vertical arrangement is standard.

SUPPORT

As required per wind loading. Consult Reliable.

FINISH

Mill is standard. Special finishes such as Kynar, Acrodize, baked enamel (modified fluoropolymer), epoxy, prime coat, integral color and clear anodize are available at additional cost. (Some variation in anodize color consistency is possible).

MINIMUM SIZE

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

APPROXIMATE SHIPPING WEIGHT

4 lbs. per sq. ft.

MAXIMUM FACTORY ASSEMBLY SIZE

Shall be 64 sq. ft. (6m²) per section, not to exceed 240" wide and 90" high (6096 and 2286) or 90" wide and 240" high (2286 and 6096).

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

FEATURES

The 175T design offers:


- Low profile rear supports for attractive appearance.
- Excellent visual screening with airflow.
- Horizontal blade arrangement option.

NOTES:

1. Maximum blade support spacing is 48" (1219) center to center.
2. Additional structural framing must be provided by others as required by job specifications and conditions.
3. All options are at additional cost.

Dimensions in parenthesis () indicate millimeters.

Units are furnished actual size.

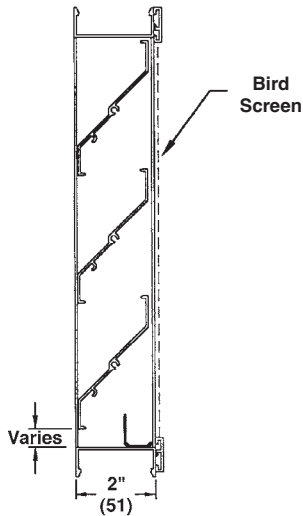
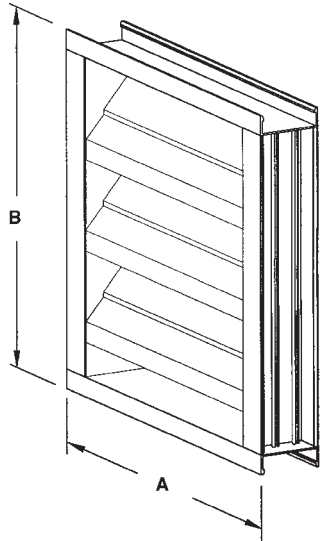
QTY.	ACTUAL SIZE		A-BLADE SPACING	VARIATIONS
	WIDE	HIGH		
PROJECT		 WebREPS 1-800-810-3280		LOCATION
ARCH./ENGR.				CONTRACTOR
REPRESENTATIVE				DATE



Web Reprs 800-810-3280

245RB THIN LINE STATIONARY LOUVER

EXTRUDED ALUMINUM



STANDARD CONSTRUCTION

FRAME

2" (51) deep 6063T5 extruded aluminum with .060" (1.5) nominal wall thickness. Caulking surfaces provided.

BLADES

6063T5 extruded aluminum with .060" (1.5) nominal wall thickness. 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 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 245RB offers:

- 42% Free Area.
- Published performance ratings based on testing in accordance with AMCA Standard 500.
- Aluminum construction for low maintenance and high resistance to corrosion.

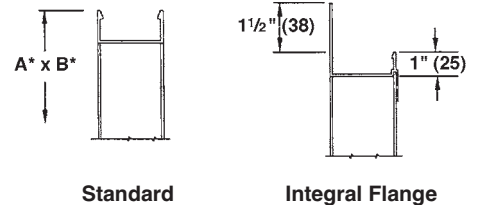
VARIATIONS

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



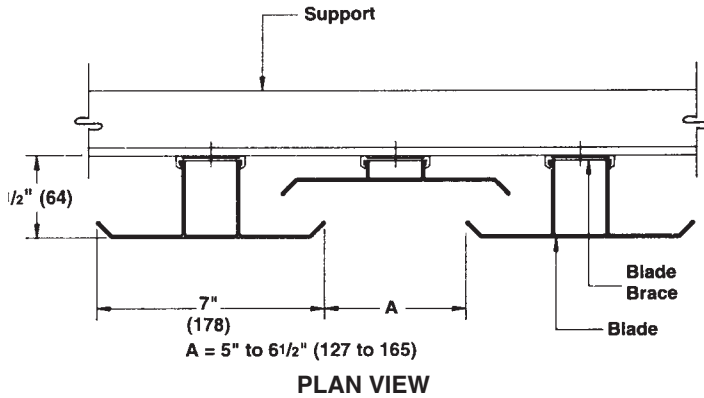
Dimensions in inches, parenthesis () indicate millimeters.

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

TAG	QTY.	SIZE		FRAME	VARIATIONS
		WIDTH (A)	HEIGHT (B)		
PROJECT ARCH./ENGR. REPRESENTATIVE		WebREPS 1-800-810-3280		LOCATION CONTRACTOR DATE	

250T VERTICAL SCREEN

EXTRUDED ALUMINUM
 SIGHTPROOF



SUGGESTED SPECIFICATION

Furnish and install sightproof vertical screens as hereinafter specified where shown on plans or as described in schedules. Screen components shall be factory assembled by the manufacturer. Sizes too large for shipping shall be built up by the contractor from factory assembled sections to provide overall sizes required. Design shall incorporate blade supports required to withstand a wind load of 20 lbs. per sq. ft. (96 kPa) (equivalent of a 90 mph wind [145 KPH] – specifier may substitute any loading required) when attached to structural supports supplied by others.

Screens shall be Reliable Model 250T 6063T5 extruded aluminum alloy construction as follows:

Front Blades: .080" (2) nominal thickness, 7" wide x 2 1/2" deep (178 x 64), spaced as specified between 5" and 6 1/2" (127 x 165).

Back Blades: .080" (2) nominal thickness, spaced as specified.

Fasteners: Anchorage shall be concealed and not visible on the exterior face of the screen.

Finish: Select finish specification from Reliable/Valspar Finishes Brochure.

Dimensions in parenthesis () indicate millimeters.

Units are furnished actual size.

QTY.	ACTUAL SIZE		A-BLADE SPACING	VARIATIONS
	WIDE	HIGH		

STANDARD CONSTRUCTION

BLADES
 FRONT – 6063T5 extruded aluminum with .080" (2) nominal thickness. Blades are 7" wide and 2 1/2" deep (178 x 64), spaced as specified between 5" and 6 1/2" (127 and 165).
 BACK – 6063T5 extruded aluminum with .080" (2) nominal thickness. Blades are spaced as specified. Front and back blade edges can overlap for complete visual screening. Vertical arrangement is standard.

SUPPORT
 As required per wind loading. Consult Reliable.

FINISH
 Mill is standard. Special finishes such as Kynar, Acrodize, baked enamel (modified fluoropolymer), epoxy, integral color and clear anodize are available at additional cost. (Some variation in anodize color consistency is possible).

MINIMUM SIZE
 24" wide x 12" high (610 x 305).

APPROXIMATE SHIPPING WEIGHT
 5 lbs. per sq. ft.

MAXIMUM FACTORY ASSEMBLY SIZE
 Shall be 64 sq. ft. (6m²) per section, not to exceed 240" wide and 90" high (6096 and 2286) or 90" wide and 240" high (2286 and 6096).

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

FEATURES

- The 250T design offers:
- Variable blade spacing allows for high free area, added economy, or a sight-proof design.
 - Architecturally styled, hidden supports for attractive appearance.
 - All aluminum construction for lightweight, low maintenance, and high resistance to corrosion.

PROJECT
 ARCH./ENGR.
 REPRESENTATIVE



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 1-800-810-3280

LOCATION
 CONTRACTOR
 DATE