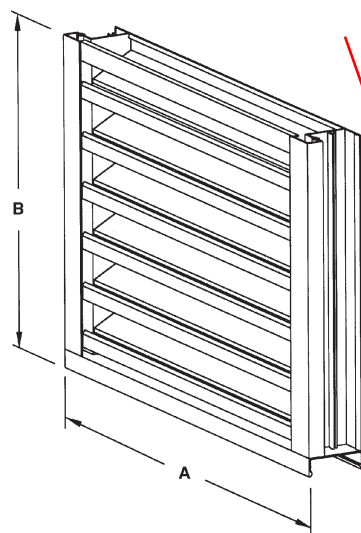




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## 245D DRAINABLE THIN LINE STATIONARY LOUVER

### 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 3<sup>3</sup>/<sub>16</sub>" (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/m<sup>2</sup>).

##### MAXIMUM FACTORY ASSEMBLY SIZE

Shall be 75 sq. ft. (7m<sup>2</sup>) 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:

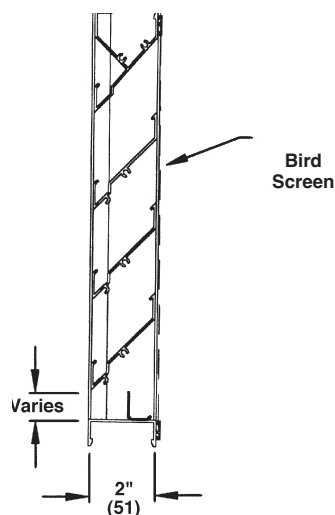
- 38% Free Area.
- Published performance ratings based on testing in accordance with AMCA Publication 511.
- High performance frame system with drainable head collects and removes water to provide excellent water penetration performance.
- Drain gutter in each blade minimizes water cascade between blades.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

#### VARIATIONS

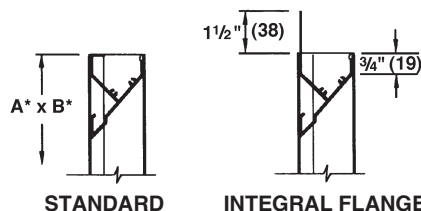
Variations to the basic design of the louver are available at additional cost. They include:

- 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	



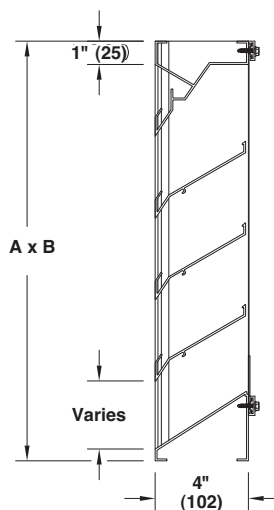
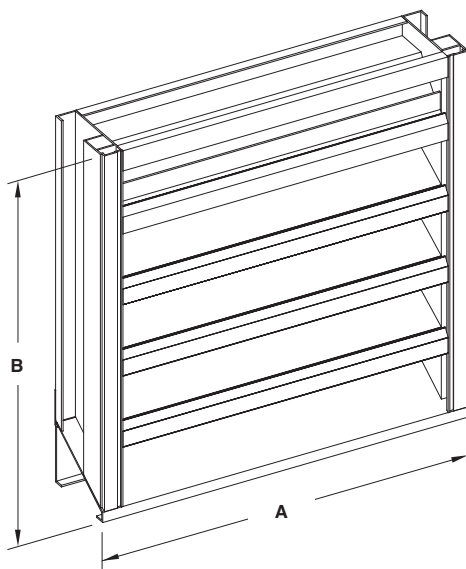
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GENEVA, ALABAMA 36340-0580

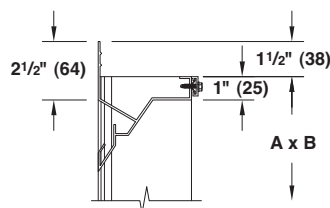
800-239-4621

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**430RD/430RDS**

Channel (CF)



Flange (FF)

**STANDARD CONSTRUCTION****FRAME**

430RDS - .081 (2.1) blade .125 plenum. 4" (102) deep .081" (2.1) thick extruded aluminum frame, 6063-T5 alloy.

**BLADES**

.081" (2.1) thick aluminum drainable blades positioned at 30° angle and spaced approximately 3 1/2" (89) center to center.

**SCREEN**

.625 x .040" (16 X 1) flattened aluminum bird screen in removable frame (WBS-1).

**MINIMUM SIZE**

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

**MAXIMUM SIZE**

Single section - 120" x 90"h (3048 x 2286).

**Note:** Louvers larger than the maximum single section size will require field assembly of smaller sections.

**FEATURES**

The 430RD and 430RDS offer:

- 56% Free Area based on 48" x 48" (1219 x 1219) unit.
- Architecturally styled, hidden mullions allowing continuous blade appearance.
- All aluminum construction for high resistance to corrosion.
- Outstanding durability and low maintenance.

**VARIATIONS**

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

- Extended sill.
- Higher wind load with additional blade bracing.
- A variety of bird and insect screens (reference screen submittal).
- Selection of finishes: prime coat, baked enamel (modified fluoropolymer), Kynar, clear and color anodize. (Some variation in anodize color consistency is possible.)

Consult Reliable for other special requirements.

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			LOCATION CONTRACTOR DATE		

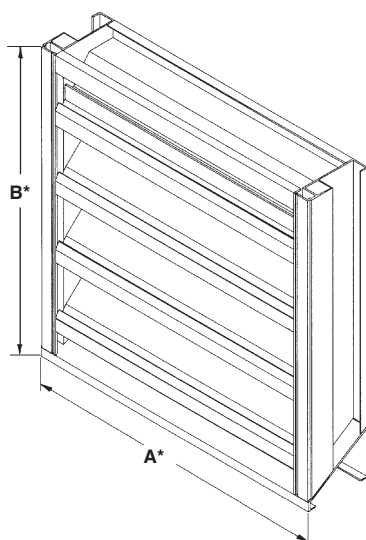
  
**WebREPS**  
1-800-810-3280



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## 445RD, 445RDS AND 445RD125 DRAINABLE STATIONARY LOUVERS

### EXTRUDED ALUMINUM



#### STANDARD CONSTRUCTION

##### FRAME

4" (102) deep, 6063T5 extruded aluminum. 445RD - .081" (2.1) nominal wall thickness. 4445RDS - .125" (3.2) nominal wall thickness. 445RD125 - .125" (3.2) nominal wall thickness. Downspouts and caulking surfaces provided.

##### BLADES

6063T5 extruded aluminum. 445RD - .081" (2.1) nominal wall thickness. 4445RDS - .081" (2.1) nominal wall thickness. 445RD125 - .125" (3.2) nominal wall thickness. Drainable blades are positioned at at 45° angle and spaced approximately 4" (102) 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

445RDS - 4 lbs./ft.<sup>2</sup> (19.5 kg /m<sup>2</sup>)

445RD125 - 6 lbs./ft.<sup>2</sup> (29.3 kg /m<sup>2</sup>)

##### MAXIMUM FACTORY ASSEMBLY SIZE

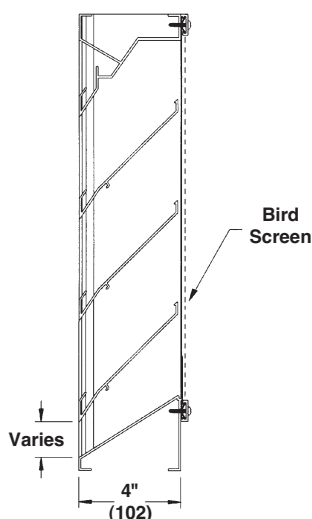
Shall be 75 sq. ft. (7m<sup>2</sup>) per section, not to exceed 120"w x 90"h (3048 x 2286) or 90"w x 120"h (2286 x 3048).

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 445RD, 445RDS and 445RD125 offers:

- 52% 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 line appearance up to 120" (3048).
- All aluminum construction for low maintenance and high resistance to corrosion.
- All welded construction.

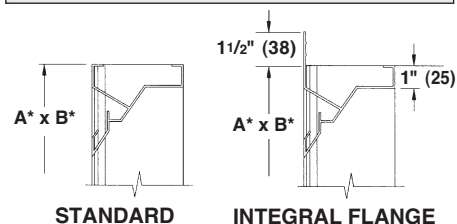
#### VARIATIONS

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.
- A variety of bird and insect screens.
- Selection of finishes: prime coat, baked enamel (modified fluoropolymer), epoxy, Pearledize 50 & 70, Kynar, clear and color anodize. (Some variation in anodize color consistency is possible.)

Consult Reliable for other special requirements.

#### FRAME CONSTRUCTION




STANDARD

INTEGRAL FLANGE

Dimensions in inches, parenthesis ( ) indicate millimeters.

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

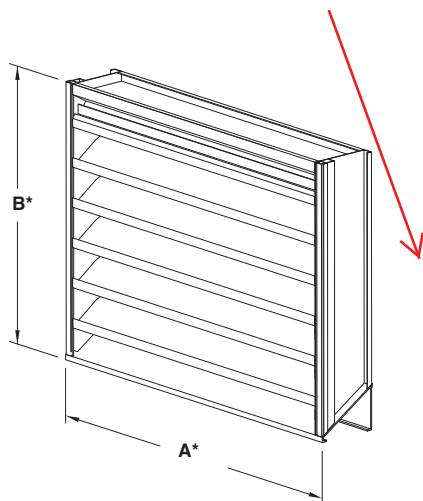
TAG	QTY.	SIZE		FRAME	VARIATIONS
		A*-WIDE	B*-HIGH		
PROJECT ARCH./ENGR. REPRESENTATIVE		 WebREPS 1-800-810-3280		LOCATION CONTRACTOR DATE	



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## 6350DS DRAINABLE STATIONARY LOUVER

### EXTRUDED ALUMINUM



#### STANDARD CONSTRUCTION

##### FRAME

6" (152) deep, 6063T6 extruded aluminum with .125" (3.2) nominal wall thickness. Downspouts and caulking surfaces provided.

##### BLADES

6063T5 extruded aluminum with .081" (2.1) nominal wall thickness. Drainable blades are positioned at 35° angle and 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

6 lbs. per sq. ft. (29.3 kg per m²).

##### MAXIMUM FACTORY ASSEMBLY SIZE

Single sections shall not 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 6350DS offers:

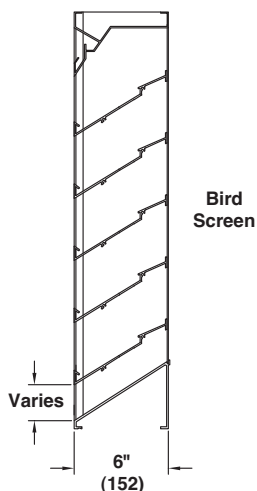
- 61.8% Free Area.
- Beginning point of water penetration above 1,250 fpm free area velocity.
- Published performance ratings based on testing in accordance with AMCA Publication 511.
- High performance frame system with drainable head collects and removes water to provide excellent water penetration performance.
- Drain gutter in each blade minimizes water cascade between blades.
- Continuous blades up to 120" (3048).
- All aluminum construction for low maintenance and high resistance to corrosion.

#### VARIATIONS

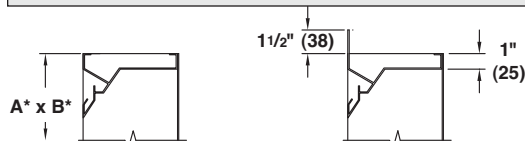
Variations to the basic design of this louver are available at additional cost. They include:

- Extended sill
- Hinged frame
- Front or rear security bars
- Filter racks
- A variety of bird and insect screens
- Selection of finishes: prime coat, baked enamel (modified fluoropolymer), epoxy, Pearledize 50 & 70, Kynar, clear and color anodize. (Some variation in anodize color consistency is possible).

Consult Reliable for other special requirements.



#### FRAME CONSTRUCTION




STANDARD

INTEGRAL FLANGE

#### NOTES:

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

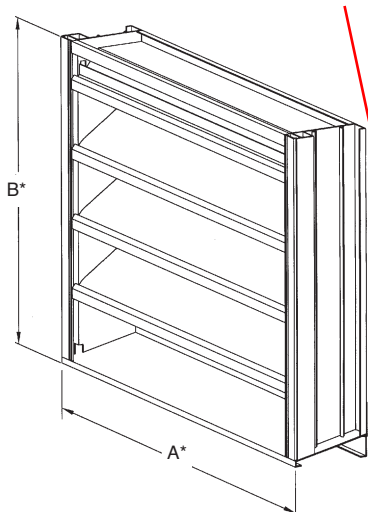
TAG	QTY.	SIZE		FRAME	VARIATIONS
		A*-WIDE	B*-HIGH		
PROJECT		 WebREPS 1-800-810-3280			LOCATION
ARCH./ENGR.					CONTRACTOR
REPRESENTATIVE					DATE



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## 6375D, 6375DS, 6375D125 DRAINABLE STATIONARY LOUVER

### EXTRUDED ALUMINUM



#### STANDARD CONSTRUCTION

##### FRAME

6" (152) deep, 6063T5 extruded aluminum.  
6375D - .081" (2.1) nominal wall thickness.  
6375DS - .125" (3.2) nominal wall thickness.  
6375D125 - .125" (3.2) nominal wall thickness.  
Downspouts and caulking surfaces provided.

##### BLADES

6063T5 extruded aluminum.  
6375D - .081" (2.1) nominal wall thickness.  
6375DS - .081" (2.1) nominal wall thickness.  
6375D125 - .125" (3.2) nominal wall thickness.

Drainable blades are positioned at at 37 1/2° angle and spaced approximately 5 29/32" (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

6375D - 4 lbs./ft.<sup>2</sup> (19.5 kg /m<sup>2</sup>)  
6375D125 - 6 lbs./ft.<sup>2</sup> (29.3kg /m<sup>2</sup>)

##### MAXIMUM FACTORY ASSEMBLY SIZE

Shall be 75 sq. ft. (7m<sup>2</sup>) 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 6375D and 6375D125 offers:

- 57% 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 line appearance up to 120" (3048).
- Aluminum construction for low maintenance and high resistance to corrosion.
- All welded construction.

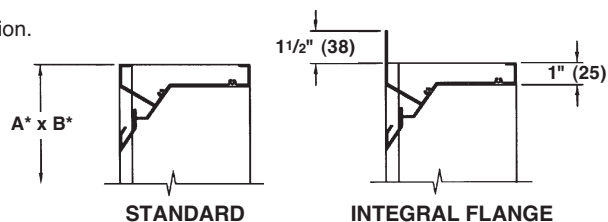
#### VARIATIONS

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)


Consult Reliable for other special require-

#### FRAME CONSTRUCTION



Dimensions in inches, parenthesis ( ) indicate millimeters.

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

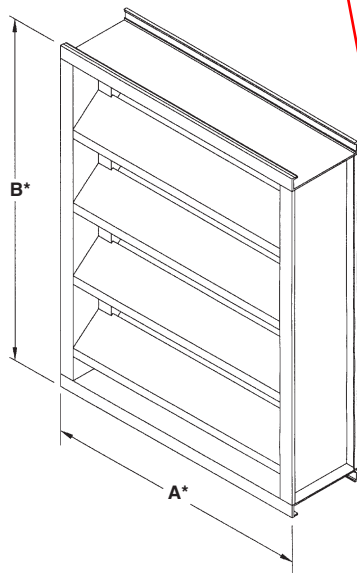
TAG	QTY.	SIZE		FRAME	VARIATIONS
		A*-WIDE	B*-HIGH		
PROJECT ARCH./ENGR. REPRESENTATIVE		 WebREPS 1-800-810-3280		LOCATION CONTRACTOR DATE	



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## 6425DD CONTINUOUS DRAINABLE STATIONARY LOUVER

### EXTRUDED ALUMINUM



#### STANDARD CONSTRUCTION

##### FRAME

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

##### BLADES

6063T5 extruded aluminum with .081" (2.1) nominal wall thickness. Double drainable blades positioned at 42 1/2° angle and spaced at approximately 5" (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

8 lbs. per sq. ft. (39.1 per m<sup>2</sup>).

##### MAXIMUM FACTORY ASSEMBLY SIZE

Shall be 60 sq. ft. (6m<sup>2</sup>) 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 6425DD offers:

- Drainable louver performance with continuous blade construction.
- Recessed vertical drain mullions that do not interrupt exterior blade appearance.
- Drainable blades with recessed gutters for collection and removal of rain and a smooth exterior surface providing a clean, architectural look.
- 51% free area, beginning water penetration at 852 fpm free area velocity with .09" (2.29) pressure drop.
- AMCA licensed performance.
- Extruded aluminum construction for low maintenance and high resistance to corrosion.

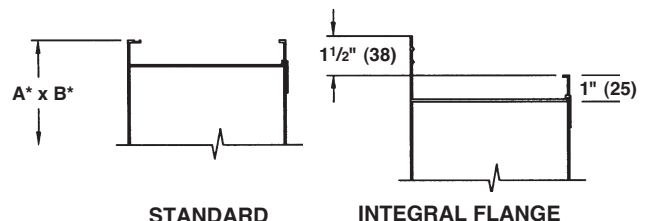
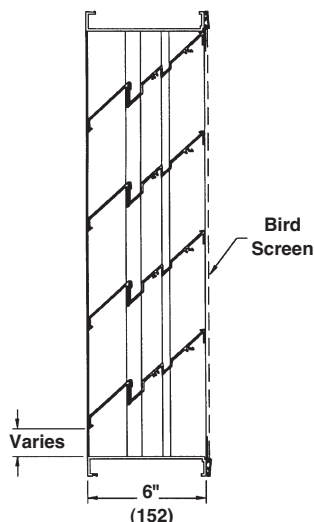
#### VARIATIONS

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.
- 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.

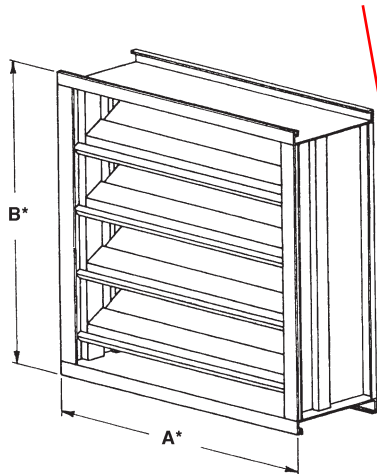
TAG	QTY.	SIZE		FRAME	VARIATIONS
		A*-WIDE	B*-HIGH		
PROJECT ARCH./ENGR. REPRESENTATIVE		WebREPS 1-800-810-3280		LOCATION CONTRACTOR DATE	





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## 645DD STATIONARY LOUVER DOUBLE DRAINABLE BLADE EXTRUDED ALUMINUM



### STANDARD CONSTRUCTION

#### FRAME

6" (152) deep, 6063T5 extruded aluminum with .120" (3) nominal wall thickness. Downspouts and caulking slots provided.

#### BLADES

6063T5 extruded aluminum with .100" (2.5) nominal wall thickness. Double drainable blades are positioned at 45° angle and spaced approximately 6" (152) 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

5 lbs. per sq. ft.

#### MAXIMUM FACTORY ASSEMBLY SIZE

Shall be 64 sq. ft. (6m<sup>2</sup>) per section, not to exceed 120" wide and 90" high (3048 and 2286) or 90" wide and 120" high (2286 and 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 645DD offers:

- Published performance ratings based on testing in accordance with AMCA Publication 511.
- Double drain gutters in each blade, and downspouts in jambs and mullions to drain water from louver for minimum water cascade from blade to blade.
- Hidden mullions allowing continuous line appearance up to 120" (3048).
- All aluminum construction for low maintenance and high resistance to corrosion.
- Low pressure drop and low water penetration.

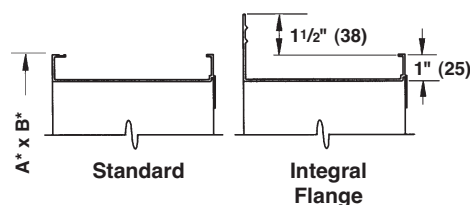
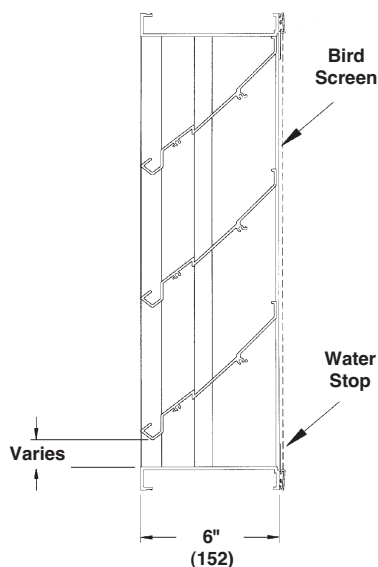
### VARIATIONS

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

- Installation angles.
- Extended sill.
- Hinged frame.
- Front or rear security bars.
- Filter racks.
- A variety of bird and insect screens.
- Selection of finishes: baked enamel (modified fluoropolymer), epoxy, Kynar, Pearledize 50 & 70, prime coat, integral color and clear anodize, (Some variation in anodize color consistency is possible.)


Consult Reliable for other special requirements.

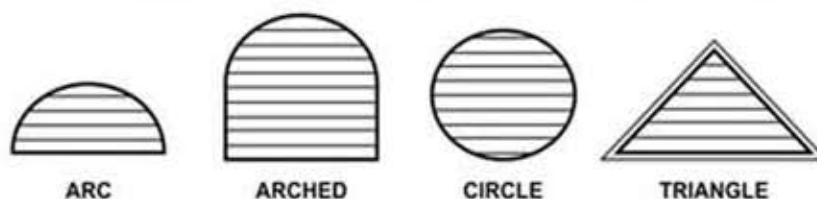
### FRAME CONSTRUCTION



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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