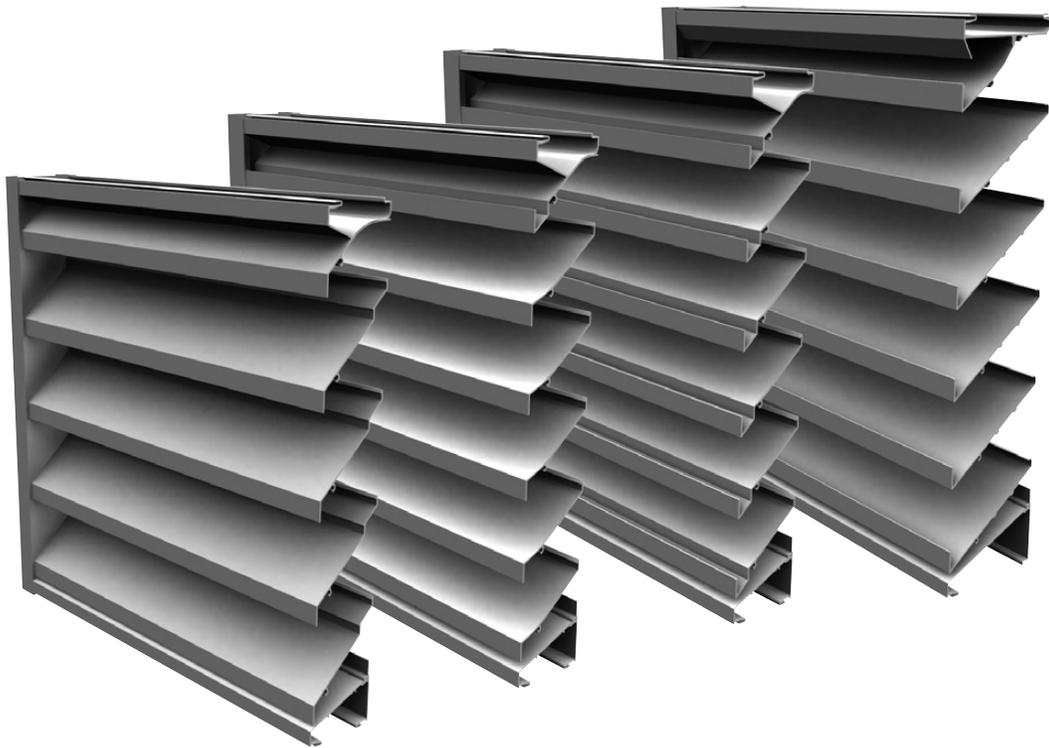


# 6" Drainable Louver

DE635



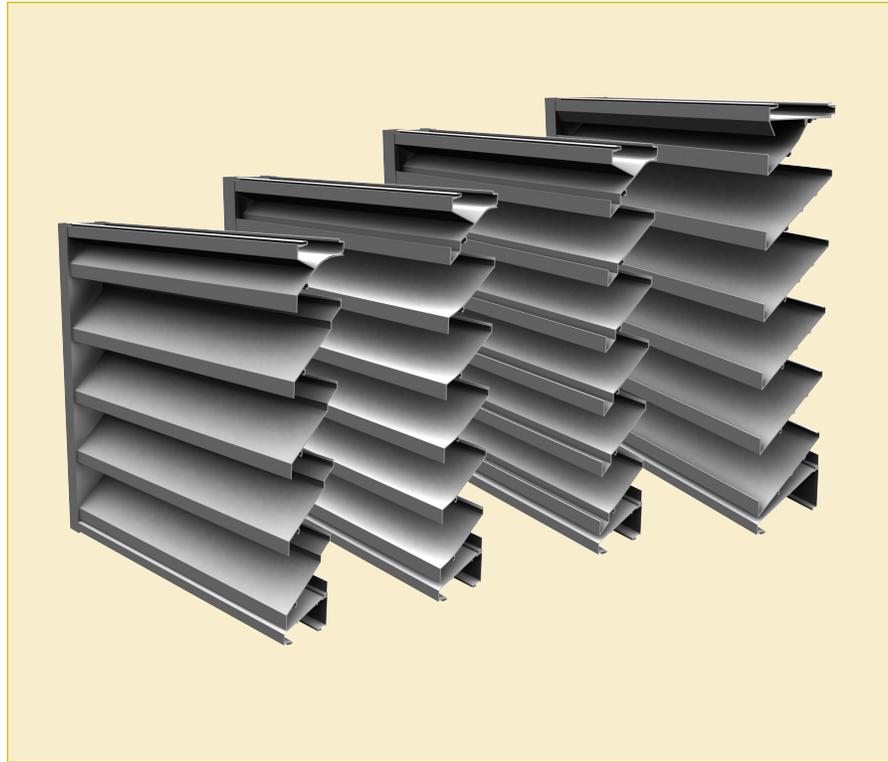
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| Submittals       | Drawing 237947           |

## General Product Overview

The founding principles of Price have never changed - business integrity, first class service and a commitment to people. Our dependable quality, reliable delivery and knowledgeable follow-up service have made us a market leader in supplying air distribution products and related equipment. As a result of our aggressive research initiatives combined with our continuous improvement practices we are now able to offer a complete and comprehensive line of louver products. Designed and engineered to meet the most demanding applications and specifications. Price's new louvers offering are designed to be architecturally appealing while providing superior performance.

### Features and Benefits of Price Louvers:

- All welded construction ensures that the louver can withstand the most severe weather conditions while maintaining functionality.
- Wide selection of blade styles to meet all demanding architectural and performance specifications.
- Extruded aluminum blades and frames provide exceptional durability.
- Finished to Price standards.



## Louver Selection Guide

| Visible Mullion                         | Available With Concealed Mullion | Louver Depth | Blade Thickness | Frame Thickness | Free Area (4' x 4' Unit) | Water Penetration Rating             |
|---|----------------------------------|--------------|-----------------|-----------------|--------------------------|--------------------------------------|
| <i>Storm Class Louver</i>               |                                  |              |                 |                 |                          |                                      |
| RSE5                                    | Yes                              | 5" (127 mm)  | 0.081" (2 mm)   | 0.081" (2 mm)   | 39%                      | 99.73% Effective                     |
| <i>Extruded Aluminum Architectural</i>  |                                  |              |                 |                 |                          |                                      |
| JE443                                   | Yes                              | 4" (102 mm)  | 0.081" (2 mm)   | 0.081" (2 mm)   | 51%                      | 5,200 CFM (147 m <sup>3</sup> /min)  |
| ZE439                                   | Yes                              | 4" (102 mm)  | 0.081" (2 mm)   | 0.081" (2 mm)   | 52%                      | 7,059 CFM (200 m <sup>3</sup> /min)  |
| ZE445                                   | Yes                              | 4" (102 mm)  | 0.081" (2 mm)   | 0.081" (2 mm)   | 50%                      | 5,298 CFM (150 m <sup>3</sup> /min)  |
| <i>Extruded Aluminum Drainable</i>      |                                  |              |                 |                 |                          |                                      |
| DE439                                   | Yes                              | 4" (102 mm)  | 0.081" (2 mm)   | 0.081" (2 mm)   | 54%                      | 7,589 CFM (215 m <sup>3</sup> /min)  |
| DE635                                   | Yes                              | 6" (152 mm)  | 0.081" (2 mm)   | 0.081" (2 mm)   | 56%                      | 11,035 CFM (312 m <sup>3</sup> /min) |
| <i>Acoustic</i>                         |                                  |              |                 |                 |                          |                                      |
| QA645                                   | No                               | 6" (152 mm)  | 0.081" (2 mm)   | 0.081" (2 mm)   | 29%                      | 780 CFM (22 m <sup>3</sup> /min)     |
| QA1245                                  | No                               | 12" (305 mm) | 0.081" (2 mm)   | 0.081" (2 mm)   | 25%                      | 1,046 CFM (30 m <sup>3</sup> /min)   |
| <i>Extruded Aluminum Narrow Profile</i> |                                  |              |                 |                 |                          |                                      |
| NSE1                                    | No                               | 1.5" (38 mm) | 0.125" (3 mm)   | 0.064" (1.6 mm) | 69%                      | N/A                                  |
| NJE2                                    | No                               | 2" (51 mm)   | 0.064" (1.6 mm) | 0.064" (1.6 mm) | 44%                      | 380 CFM (11 m <sup>3</sup> /min)     |

# Extruded Aluminum DE635

**price**<sup>®</sup>

Price Industries certifies that the DE635 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Seal applies to air performance ratings.



## Product Information

### Models

#### Blade Louvers

35° Blade

DE635

**Price DE635** stationary drainable louvers feature alloy 6063-T5 extruded 6" aluminum blades positioned at a 35° angle. The drainable louvers achieve optimum air performance and water penetration ratings with vertical and horizontal gutter systems that capture droplets before they cascade from blade to blade and are entrained in the airstream. This louver is available with visible mullions that are joined with an extruded aluminum "I" connection, or continuous horizontal blades that utilize concealed blade braces and hidden vertical supports in place of jamb frames to present uninterrupted horizontal blade appearance.

Performances of louvers manufactured by Price are based on tests and procedures in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Rating Program.

#### Features

- Drainable Blade.
- Welded Construction.
- .081" Extruded Aluminum Blades and Frames.
- Nominal **55.9%** free area (based on 48" x 48").
- Integral perimeter caulking stop.
- 1/2" x 1/2" (12 x 12) 16 gauge Expanded Aluminum Bird Screen without frame.
- Mill finish.

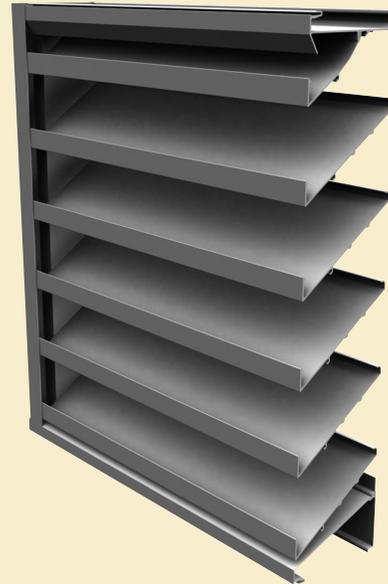
#### Options

- Extended Sill (loose) 14 GA. Aluminum.
- Continuous Blade Sections (invisible mullions).
- Blank-offs are available in Aluminum with or without Insulation. Insulation is available in 1", 1.5", 2", or 3" thickness.
- Variety of Mounting options.
- Exterior or Interior Frame Mounting.
- Variety of Bird Screens, Insect Screens and Frames available.
- Wide variety of Finishes: Baked Enamel, Prime Coat, Custom Finishes, Clear Anodized and Colour Anodized.
- Select from PRICE Colour Chart or provide colour sample to match.
- Note: Colour variations can be expected within the same order and even on the same louver due to the anodizing process.

### Blade Louvers

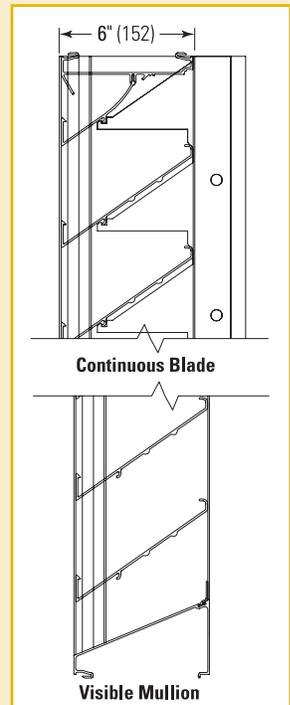
6" (152 mm) Deep

DE635



|  |                                      |
|--|--------------------------------------|
| Louver Type  | Visible Mullion or Continuous Blade  |
| Material   | Extruded Aluminum (Alloy 6063-T5)    |
| Stationary Blade   | .081" (2 mm)                         |
| Frame  | .081" (2 mm)                         |
| Louver Depth   | 6" (152 mm)                          |
| Blade Angle  | 35°                                  |
| Performance Rating Standard                                      | AMCA Standard 500L                   |
| Wind Load  | 25 psf (100 mph)                     |
| Free Area – 4' x 4' Unit   | 8.95 sq.ft. (0.831 sq.m.)            |
| Percent Free Area  | 55.9%                                |
| Free Area Velocity at Beginning Point of Water Penetration (1)   | 1,233 FPM (375 m/min)                |
| Air Volume Delivered at Beginning Point of Water Penetration (1) | 11,035 CFM (312 m <sup>3</sup> /min) |
| Pressure Drop at Beginning Point of Water Penetration (1)        | 0.17" H <sub>2</sub> O (42 Pa)       |

Ratings do not include the effect of a bird screen.



- (1) Beginning point of water penetration is defined by AMCA standard 511 as the free area velocity at which 0.01 ounces of water per square foot of free area is measured to pass through a 4' x 4' louver during a 15 minute test.

### Product Information Index

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# Extruded Aluminum - Fixed Blades

## DE635

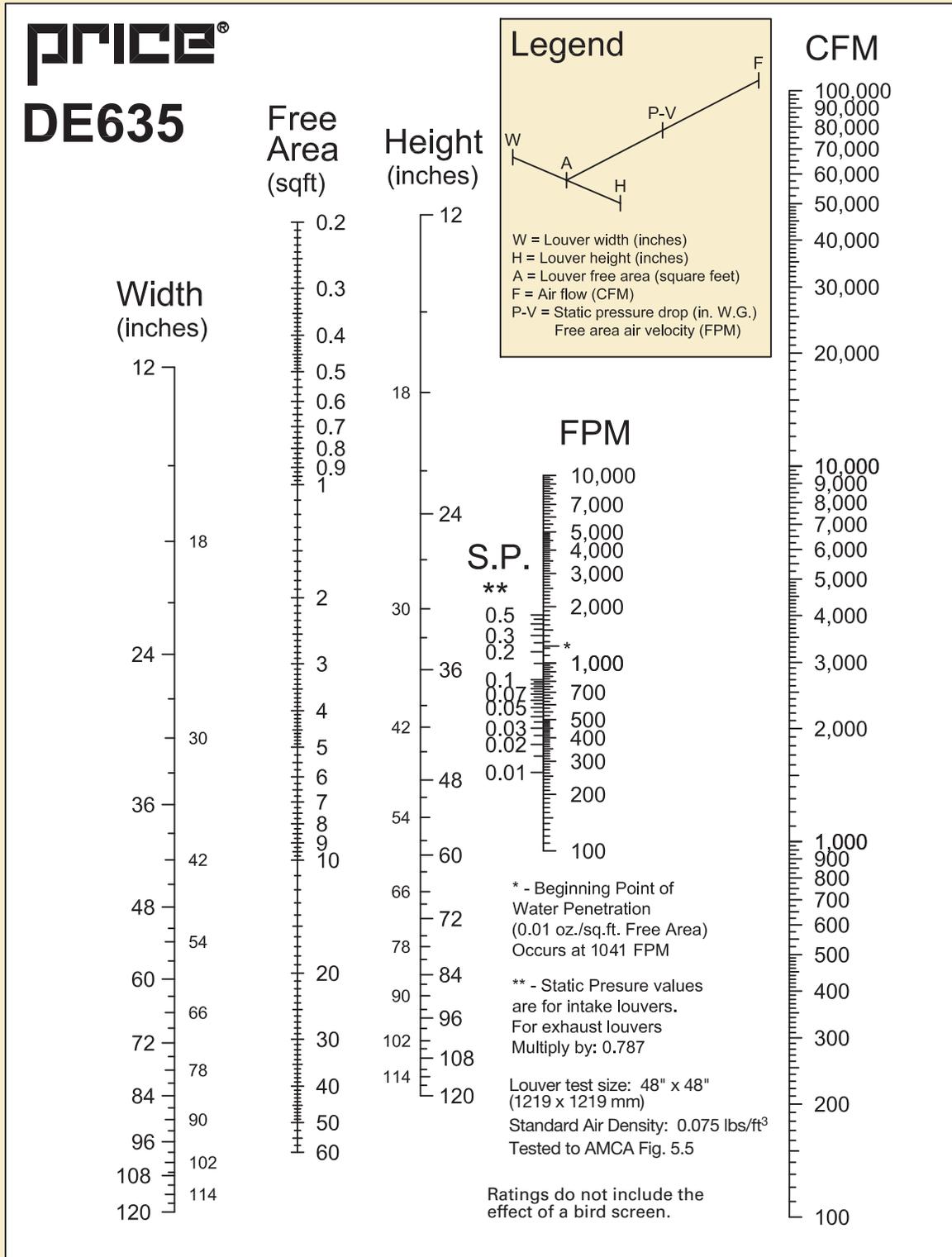
### Drainable 35 Degree Blades



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## Performance Data



DE635-060101-0

# Extruded Aluminum - Fixed Blades



## DE635

### Drainable 35 Degree Blades

#### Architectural Blade Louvers

#### 6" (152 mm) Deep

|  |                                      |
|--|--------------------------------------|
| Louver Type  | Visible Mullion or Continuous Blade  |
| Material   | Extruded Aluminum (Alloy 6063-T5)    |
| Stationary Blade   | .081" (2 mm)                         |
| Frame  | .081" (2 mm)                         |
| Louver Depth   | 6" (152 mm)                          |
| Blade Angle  | 35°                                  |
| Performance Rating Standard                                      | AMCA Standard 500L                   |
| Wind Load  | 25 psf (100 mph)                     |
| Free Area – 4' x 4' Unit   | 8.95 sq.ft. (0.831 sq.m.)            |
| Percent Free Area  | 55.9%                                |
| Free Area Velocity at Beginning Point of Water Penetration (1)   | 1,233 FPM (375 m/min)                |
| Air Volume Delivered at Beginning Point of Water Penetration (1) | 11,035 CFM (312 m <sup>3</sup> /min) |
| Pressure Drop at Beginning Point of Water Penetration (1)        | 0.17" H2O (42 Pa)                    |

**DE635 Blade Louvers**  
6" (152 mm) Deep

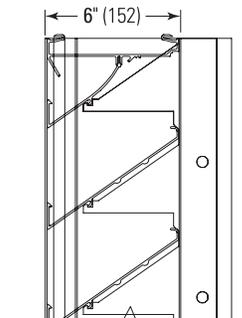


Ratings do not include the effect of a bird screen.

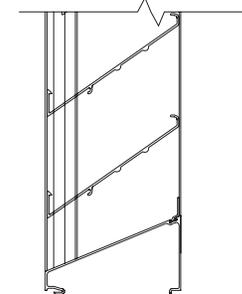
(1) Beginning point of water penetration is defined by AMCA standard 511 as the free area velocity at which 0.01 ounces of water per square foot of free area is measured to pass through a 4' x 4' louver during a 15 minute test.

#### Features

- Drainable blade with vertical jamb gutter.
- All welded construction: minimum 1" fillet welds.
- Available in continuous blade construction (CB models).
- Nominal 56% free area (based on 48" x 48").
- Integral perimeter caulking stop.
- Optional integral 1.5" flanges. Other sizes available as add-ons.
- Optional bird and insect screens available.
- Optional Duracron, Duranar and Duranar-XL baked enamel finish as per our standard color chart or any custom color.



Continuous Blade



Visible Mullion

ALL-WELDED CONSTRUCTION



### Superior Air Performance

#### Standard Construction

##### Frame

- 6" x .081"(152 x 2) Extruded Aluminum (6063-T5)

##### Blades

- Drainable Style Blades, .081"(2.1) Extruded Aluminum (6063-T5)
- Blades 35° blade angle, 4.5"(115) blade spacing

##### Finishes

- MILL

##### Minimum Section Size

- 9" W x 10 1/8" H (229 x 257)

##### Maximum Section Size

- One piece construction 72" W x 120" H (1829 x 3048) or 120" W x 72" H (3048 x 1829)
- Larger louvers will require field assembly of multiple sections by others
- Larger louvers may require structural support by others

#### Available Options

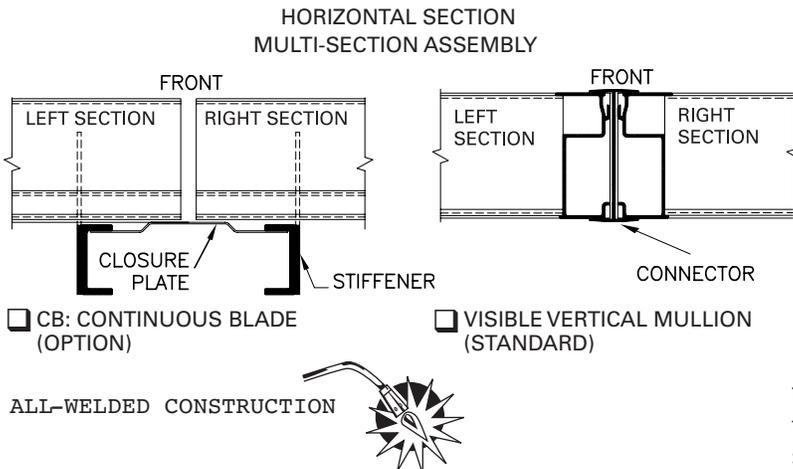
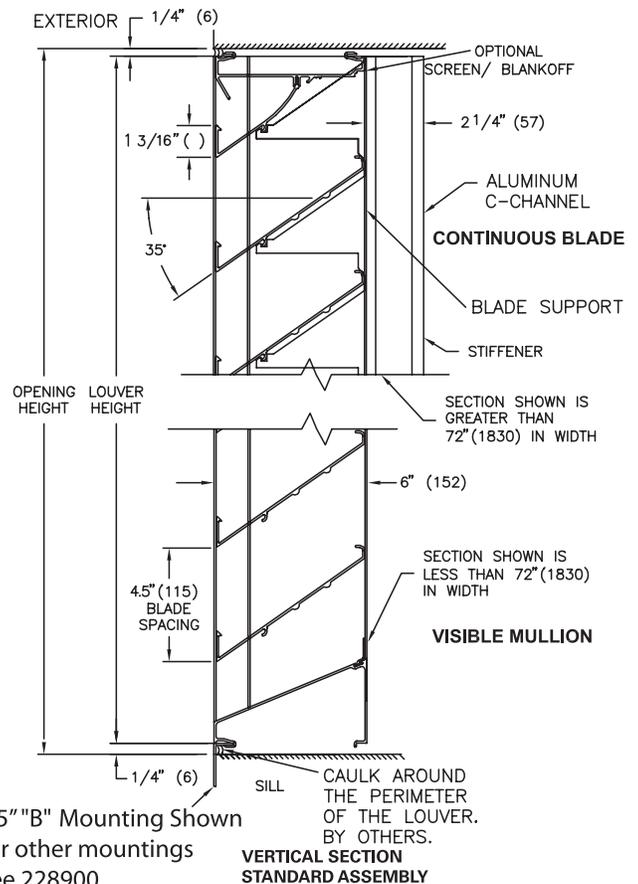
- Continuous Blade Construction (concealed mullions)
- Extended Sill (loose) 14 GA. Aluminum
- Blank-off Panels: Aluminum or Galvanized, Insulated or Non-Insulated
- Formed Flange and Mounting Angle up to 4"
- Birdscreen: Aluminum or Galvanized
- Insect Screen: Aluminum or Bronze
- Finishes: Prime Coat, Baked Enamel, Duranar, Duranar XL
- Anodized Finishes: Clear or Colour (Light Bronze, Medium Bronze, Dark Bronze, Black)



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"A" Mounting Shown  
for other mountings see 228900



| <b>PROJECT</b>      |     |             |        | <b>CUSTOMER</b> |        |         |   |
|---------------------|-----|-------------|--------|-----------------|--------|---------|---|
| <b>ARCHITECT</b>    |     |             |        | <b>ENGINEER</b> |        |         |   |
| <b>SPEC. SYMBOL</b> |     |             |        | <b>DATE</b>     |        |         |   |
| QTY                 | TAG | LOUVER SIZE |        | OPENING SIZE    |        | OPTIONS | UNITS: <input type="checkbox"/> IMPERIAL<br><input type="checkbox"/> METRIC |
|                     |     | WIDTH       | HEIGHT | WIDTH           | HEIGHT |         |   |
|                     |     |             |        |                 |        |         |   |
|                     |     |             |        |                 |        |         |   |
|                     |     |             |        |                 |        |         |   |
|                     |     |             |        |                 |        |         |   |