

### Superior Air Performance

#### Standard Construction

##### Frame

- 4" x .081"(101 x 2.1) Extruded Aluminum (6063-T5)

##### Blades

- Drainable Style Blades, .081"(2.1) Extruded Aluminum (6063-T5)
- 39° blade angle, 5"(127) blade spacing

##### Finishes

- MILL

##### Minimum Section Size

- 9" W x 9 1/2" H (229 x 241)

##### 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

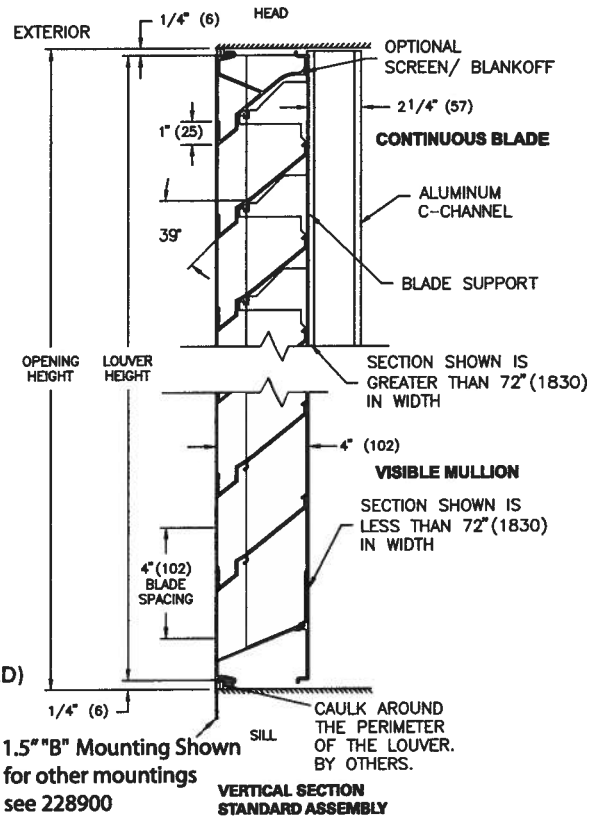
- Continuous Blade Construction (concealed mullions)
- Extended Sill (loose) 14 GA. Aluminum
- Blank-off Panels: Aluminum or Galvanized, Insulated or Non-Insulated
- Formed Flange and Mounting Angle up to 4"
- Birdscreen: Aluminum or Galvanized
- Insect Screen: Aluminum or Bronze
- Finishes: Prime Coat,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



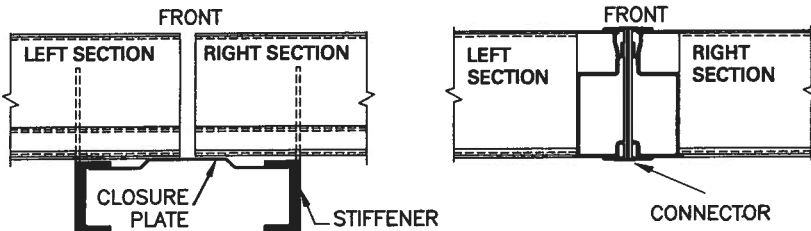
E.H. Price Limited certifies that the DE439 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Seal applies to air performance ratings and water penetration ratings.



"A" Mounting Shown  
for other mountings see 228900



HORIZONTAL SECTION  
MULTI-SECTION ASSEMBLY



- CB: CONTINUOUS BLADE (OPTION)     VISIBLE VERTICAL MULLION (STANDARD)

ALL-WELDED CONSTRUCTION



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

# Extruded Aluminum - Fixed Blades



## DE439

### Drainable 39 Degree Blades

#### Architectural Blade Louvers 4" (102 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   | 4" (102 mm)                         |
| Blade Angle  | 39°                                 |
| Performance Rating Standard                                      | AMCA Standard 500                   |
| Wind Load  | 25 psf (100 mph)                    |
| Free Area – 4' x 4' Unit   | 8.57 sq.ft. (0.796 sq.m.)           |
| Percent Free Area  | 53.6%                               |
| Free Area Velocity at Beginning Point of Water Penetration (1)   | 886 FPM (270 m/min)                 |
| Air Volume Delivered at Beginning Point of Water Penetration (1) | 7,589 CFM (215 m3/min)              |
| Pressure Drop at Beginning Point of Water Penetration (1)        | 0.13" H2O (3 Pa)                    |

#### DE439 Blade Louvers 4" (102 mm) Deep

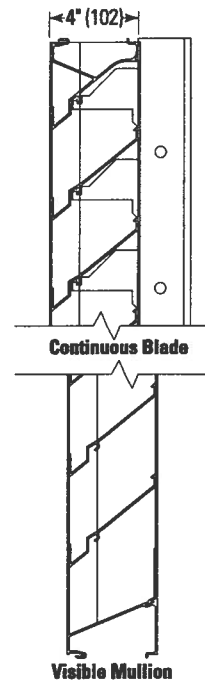


Ratings do not include the effect of a bird screen.

(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 54% 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.



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## Performance Data

