Extruded Aluminum Louver

6" Deep • Drainable • Combination Adjustable And Stationary Blades

STANDARD CONSTRUCTION

FRAME: .080" thick nominal; 6063-T6/T52 extruded aluminum alloy
BLADES: Stationary blade .080" thick nominal; 6063-T6/T52 extruded aluminum alloy.
Adjustable blade .125" thick nominal; 6063-T6/T52 extruded aluminum alloy.

FACE OF LOUVER: Full width sill with head and blades contained within the jambs.
LINKAGE: Extruded aluminum, concealed in channel out of airstream. Pivots are .50 dia. machined steel. Cadmium plated and chromate treated. Pivots rotate in a celcon bearing. A .312" dia. Aluminum linkage rod is locked to the pivot by a 1/4 - 20 set screw with epoxy locking patch.
SHAFT: .50 dia. aluminum "Pin-Lock" Rod.
BLADE SEALS: Extruded silicone rubber seal at blade edge.
JAMB SEALS: Stainless steel jamb seals.
SCREEN: ½" x .051" flattened aluminum bird screen
FINISH: Mill

OPTIONS

Finish - Baked Powder Polyester, Kynar, or Anodize
Variety of Bird and Insect Screen
1 ¾" Usable Flange Frame
Blank-off Panels
Actuators (Electric, Pneumatic, Manual, etc.)

NOTES

1. "A" width and "B" height are opening dimensions. Louvers are provided approximately ½" under cut.
2. Shipping weight approximately 5.7 lbs./sq.ft.

LOUVER SIZE

<table>
<thead>
<tr>
<th>Panels</th>
<th>Min Panel</th>
<th>Max Single Panel</th>
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<tbody>
<tr>
<td>DC65D</td>
<td>12&quot;W x 12</td>
<td>48&quot;W x 96&quot;H</td>
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1 ¾" Usable Flange
Optional Flange Frame

48" Max. Section
Linkage Both Sides On Sections Over 24" Wide

1 ¾" Mullion Width (typ.)
Extruded Aluminum Louver

Water Penetration: 1000 fpm recommended maximum free area velocity
Pressure Drop: 0.12 in.wg at 1050 fpm and 8652 scfm
Free Area: 8.24 sq.ft. = 52% for 48"W x 48"H test size

Ratings do not include effects of birdscreen

<table>
<thead>
<tr>
<th>Height</th>
<th>Free Area sq.ft.</th>
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<tbody>
<tr>
<td>12&quot;</td>
<td>0.14</td>
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<tr>
<td>24&quot;</td>
<td>0.64</td>
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<tr>
<td>36&quot;</td>
<td>1.00</td>
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<tr>
<td>48&quot;</td>
<td>1.50</td>
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<tr>
<td>60&quot;</td>
<td>2.00</td>
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<tr>
<td>72&quot;</td>
<td>2.36</td>
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<tr>
<td>84&quot;</td>
<td>2.86</td>
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<tr>
<td>96&quot;</td>
<td>3.36</td>
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Air leakage (louver installation position, intake) is per AMCA Standard 500 Procedure Fig. 5.5.

Louvers & Dampers certifies that the Model DC65D Louver shown herein is licensed to bear the AMCA seal. The rating shown are based on test and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified rating program. The AMCA Certified Ratings Seal applies to Air Performance Ratings and Water Penetration Ratings.

In the interest of product development, Louvers & Dampers reserves the right to make changes without notice.