Extruded Aluminum 4" Deep Louver
Stationary J Style Blade
Model: FLDC Channel Frame, FKDC Flanged Frame

- **Model FLDC**
- ▼ Standard Specifications
- **Frame**: .081 extruded aluminum, 4-1/8" deep
- **Blades**: .081 extruded aluminum positioned on a 40° angle on approximately 4.625" centers
- **Finish**: mill aluminum (standard)
- **Screen**: 3/4" x .051" flattened aluminum in removable frame.
  Screen is mounted as standard on inside (rear) as looking from exterior of building.
- **Maximum Panel Size**: 120"w x 84"h or 84"w x 120"h
- **Minimum Panel Size**: 12"w x 12"h

- **Extended Sill** Optional
- **Flanged Frame** Optional
- **Glazing Adapter** Optional

*Width and height dimensions are approximately 1/4" under listed size.*
## Model FLDC and FKDC

### Free Area in Square Feet

<table>
<thead>
<tr>
<th>HEIGHT IN INCHES</th>
<th>WIDTH IN FEET</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>1.01</td>
</tr>
<tr>
<td>14</td>
<td>1.13</td>
</tr>
<tr>
<td>16</td>
<td>1.24</td>
</tr>
<tr>
<td>24</td>
<td>1.48</td>
</tr>
<tr>
<td>30</td>
<td>1.59</td>
</tr>
<tr>
<td>36</td>
<td>1.83</td>
</tr>
<tr>
<td>48</td>
<td>2.06</td>
</tr>
<tr>
<td>60</td>
<td>2.29</td>
</tr>
<tr>
<td>72</td>
<td>2.52</td>
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<tr>
<td>84</td>
<td>2.76</td>
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<tr>
<td>96</td>
<td>3.00</td>
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<tr>
<td>108</td>
<td>3.25</td>
</tr>
<tr>
<td>120</td>
<td>3.37</td>
</tr>
</tbody>
</table>

### Beginning point of WATER PENETRATION is 812 fpm

- Free area velocity at .01 oz. of water penetration:

### Pressure Drop

![Pressure Drop Diagram](image)

### Water Penetration

![Water Penetration Diagram](image)

### FREE AREA VELOCITY (FT/MIN)

- Standard air: 0.75 lbs per cu ft
- Ratings do not include the effect of a wire birdscreen
- Test based on a 48" x 48" test size, 15 min test duration

- **FREE AREA VELOCITY** (FT/Min):
  - 900
  - 750
  - 600
  - 450
  - 300
  - 200
  - 150
  - 100
  - 50
  - 0

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