MODEL G461
4" Deep • Formed Blade • Galvanized Steel Sand Louver

STANDARD MATERIALS AND CONSTRUCTION

FRAME: 18-GA formed galvanized steel channel; 4" deep
BLADES: 18-GA formed galvanized steel
ASSEMBLY: Riveted and/or welded
FINISH: Mill
SCREEN: ½" mesh x 19-GA galvanized screen in removable frame; screen adds approximately ½" to louver depth

OPTIONS
Finishes - Baked Enamel, Kynar, Anodize
Variety of bird and insect screens
Formed Aluminum Construction
Formed Stainless Steel Construction

NOTES
1. "A" width and "B" height are opening dimensions. Louvers are provided approximately ⅛" undersize.
2. Sand removal efficiency approximately 90% measured during tests described in ASHRAE Standard 52-76 test method.
3. Shipping weight approximately 7 lbs./sq.ft.

LOUVER SIZES

<table>
<thead>
<tr>
<th>Panels</th>
<th>Min Size</th>
<th>Max Single Panel</th>
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</thead>
<tbody>
<tr>
<td>G461</td>
<td>24&quot;W x 24&quot;H</td>
<td>40 sq.ft. 96&quot;W x 60&quot;H 60&quot;W x 96&quot;H</td>
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Pressure Drop: 0.70 in.wg at 1000 fpm and 5440 scfm
Free Area: 5.44 sq.ft. = 34% for 48"W x 48"H test size

Pressure Drop

![Pressure Drop Graph]

Sand Removal Efficiency

![Sand Removal Efficiency Graph]

Ratings do not include the effect of birdscreen

In the interest of product development, Air Balance reserves the right to make changes without notice.

Air Balance Inc. certifies that the model G461 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 Seal applies to Air Performance Ratings only.

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