Extruded Aluminum Louver

2" Deep • 45° Baffle Blade • Stationary Louver

STANDARD CONSTRUCTION

FRAME: .064" thick nominal; 6063-T6/T52 extruded aluminum alloy
BLADES: .064" thick nominal; 6063-T6/T52 extruded aluminum alloy
ASSEMBLY: Mechanically fastened
SCREEN: ¼ x .051” flattened aluminum birdscreen
FINISH: Mill

OPTIONS

Finish - Baked Enamel, Kynar, or Anodize
Variety of Bird and Insect Screen
1½” Usable Flange Frame (Front Face Only)
Continuous Line Construction

NOTES

1. "A" width and "B" height are opening dimensions. Louvers are provided approximately ½” undercut.
2. Shipping weight approximately 3.3 lbs./sq.ft.

LOUVER SIZE

<table>
<thead>
<tr>
<th>Panels</th>
<th>Min Panel</th>
<th>Max Single Panel</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE57</td>
<td>12’W x 12’H</td>
<td>60’W x 96’H</td>
</tr>
</tbody>
</table>

450 Riverside Drive • Wyalusing PA, 18853 • Phone 570-746-1888 • Fax 570-746-9286

February 2013
Extruded Aluminum Louver
2" Deep • 45° Baffle Blade • Stationary Louver

Water Penetration: At 700 fpm recommended maximum free area velocity Pressure Drop: 0.085 in.wg at 748 fpm and 5408 scfm Free Area: 7.23 sq.ft. = 45% for 48"W x 48"H test size

Ratings do not include the effect of birdscreen.

<table>
<thead>
<tr>
<th>Width</th>
<th>Height</th>
<th>12&quot;</th>
<th>18&quot;</th>
<th>24&quot;</th>
<th>30&quot;</th>
<th>36&quot;</th>
<th>42&quot;</th>
<th>48&quot;</th>
<th>54&quot;</th>
<th>60&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot;</td>
<td>12&quot;</td>
<td>0.28</td>
<td>0.44</td>
<td>0.60</td>
<td>0.76</td>
<td>0.92</td>
<td>1.08</td>
<td>1.24</td>
<td>1.40</td>
<td>1.56</td>
</tr>
<tr>
<td>24&quot;</td>
<td>24&quot;</td>
<td>0.78</td>
<td>1.23</td>
<td>1.69</td>
<td>2.14</td>
<td>2.59</td>
<td>3.04</td>
<td>3.49</td>
<td>3.94</td>
<td>4.39</td>
</tr>
<tr>
<td>36&quot;</td>
<td>36&quot;</td>
<td>1.19</td>
<td>1.67</td>
<td>2.15</td>
<td>2.62</td>
<td>3.09</td>
<td>3.56</td>
<td>4.03</td>
<td>4.50</td>
<td>4.97</td>
</tr>
<tr>
<td>48&quot;</td>
<td>48&quot;</td>
<td>1.63</td>
<td>2.15</td>
<td>2.67</td>
<td>3.19</td>
<td>3.72</td>
<td>4.25</td>
<td>4.78</td>
<td>5.31</td>
<td>5.84</td>
</tr>
<tr>
<td>60&quot;</td>
<td>60&quot;</td>
<td>2.05</td>
<td>2.58</td>
<td>3.12</td>
<td>3.65</td>
<td>4.19</td>
<td>4.73</td>
<td>5.27</td>
<td>5.81</td>
<td>6.34</td>
</tr>
<tr>
<td>72&quot;</td>
<td>72&quot;</td>
<td>2.45</td>
<td>3.05</td>
<td>3.62</td>
<td>4.19</td>
<td>4.77</td>
<td>5.35</td>
<td>5.94</td>
<td>6.52</td>
<td>7.10</td>
</tr>
<tr>
<td>84&quot;</td>
<td>84&quot;</td>
<td>2.94</td>
<td>3.59</td>
<td>4.17</td>
<td>4.77</td>
<td>5.37</td>
<td>6.00</td>
<td>6.64</td>
<td>7.28</td>
<td>8.00</td>
</tr>
<tr>
<td>96&quot;</td>
<td>96&quot;</td>
<td>3.36</td>
<td>4.06</td>
<td>4.77</td>
<td>5.49</td>
<td>6.22</td>
<td>6.98</td>
<td>7.77</td>
<td>8.55</td>
<td>9.38</td>
</tr>
</tbody>
</table>

Free Area sq.ft

Water Penetration

748 fpm Beginning of Water Penetration

Intake Pressure Drop

Static Pressure Drop in in.wg

Velocity Through Free Area fpm

0.1 0.2 0.3 0.4 0.5

0 1 2 3 4 5 6 7 8 9 10

0 200 400 600 800 1000 1200 1400 1600 1800 2000

Louvers & Dampers certifies that the Model TE57 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with the AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings 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.

450 Riverside Drive • Wyalusing PA, 18853 • Phone 570-746-1888 • Fax 570-746-9286

February 2013