**FILTER GRILLE PANEL**

**APPLICATION**
Filter Grille Panels add valuable ventilation to a rack for either inlet or exhaust air. Used alone, filter grille panels allow adequate air flow on natural convection applications or in conjunction with an air moving device to provide filtered air intake.

**FEATURES**
- Permanent, Washable Aluminum Filter
- 19-inch Rack Mountable
- Brushed Aluminum or Stainless Steel Grilles

### Performance Data: Filter Grille Panel

<table>
<thead>
<tr>
<th>CATALOG NUMBERS</th>
<th>Stainless Steel</th>
<th>Aluminum</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>35G19</td>
<td>525H19</td>
</tr>
<tr>
<td>UNIT CONSTRUCTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height (in./mm)</td>
<td>3.5/89</td>
<td>5.25/133</td>
</tr>
<tr>
<td>Width (in./mm)</td>
<td>19/483</td>
<td>19/483</td>
</tr>
<tr>
<td>Weight (lb./kg)</td>
<td>2/1.0</td>
<td>3/1.4</td>
</tr>
</tbody>
</table>
LOUVER PLATE KITS

Designed to provide ventilation in enclosures where excessive internal heat or excessive moisture is a problem. Although louvers cannot keep all moisture out of an enclosure, gasketing or sealing the perimeter of the louver plate reduces problems associated with moisture intrusion. These kits may be easily installed in the field by making a cutout of the proper size and attaching the louver plate in place. Louver plates are made from 14 gauge steel with an ANSI 61 gray polyester powder finish over pretreated surfaces or 316 stainless steel. Hardware is furnished for mounting. Custom sizes, materials, finishes, etc., can be provided on special order.

### Design Data Louver Plate Kits

<table>
<thead>
<tr>
<th>CATALOG NUMBERS</th>
<th>Dimensions A x B in./mm</th>
<th>Number of Louvers</th>
<th>Thickness in./mm</th>
<th>Length L in./mm</th>
<th>Opening Area in.^2/cm^2</th>
<th>Cutout Size, F in./mm</th>
<th>Cutout Size, G in./mm</th>
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</thead>
<tbody>
<tr>
<td>AVK23</td>
<td>3.25 x 3.25/83 x 83</td>
<td>3</td>
<td>0.19/5</td>
<td>2.00/51</td>
<td>0.86/5.54</td>
<td>2.00/51</td>
<td>1.75/44</td>
</tr>
<tr>
<td>AVK33S56</td>
<td>3.88 x 4.50/98 x 114</td>
<td>3</td>
<td>0.25/6</td>
<td>3.00/76</td>
<td>1.32/8.52</td>
<td>2.62/67</td>
<td>3.00/76</td>
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<tr>
<td>AVK33</td>
<td>4.75 x 4.50/121 x 114</td>
<td>4</td>
<td>0.25/6</td>
<td>3.00/76</td>
<td>1.76/11.35</td>
<td>3.50/89</td>
<td>3.00/76</td>
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<tr>
<td>AVK33S6</td>
<td>4.75 x 4.50/121 x 114</td>
<td>4</td>
<td>0.25/6</td>
<td>3.00/76</td>
<td>1.76/11.35</td>
<td>3.50/89</td>
<td>3.00/76</td>
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<tr>
<td>AVK43</td>
<td>4.50 x 5.50/114 x 140</td>
<td>3</td>
<td>0.25/6</td>
<td>4.00/102</td>
<td>1.88/12.10</td>
<td>3.25/83</td>
<td>4.00/102</td>
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<tr>
<td>AVK43S6</td>
<td>4.50 x 5.50/114 x 140</td>
<td>3</td>
<td>0.25/6</td>
<td>4.00/102</td>
<td>1.88/12.10</td>
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<td>4.00/102</td>
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<tr>
<td>AVK44</td>
<td>5.62 x 5.50/143 x 140</td>
<td>4</td>
<td>0.25/6</td>
<td>4.00/102</td>
<td>2.50/16.13</td>
<td>4.38/111</td>
<td>4.00/102</td>
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<tr>
<td>AVK44S6</td>
<td>5.62 x 5.50/143 x 140</td>
<td>4</td>
<td>0.25/6</td>
<td>4.00/102</td>
<td>2.50/16.13</td>
<td>4.38/111</td>
<td>4.00/102</td>
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<tr>
<td>AVK64</td>
<td>5.62 x 7.50/191</td>
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<td>0.31/8</td>
<td>6.00/152</td>
<td>5.21/33.61</td>
<td>4.38/111</td>
<td>6.00/152</td>
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<tr>
<td>AVK64S6</td>
<td>5.62 x 7.50/191</td>
<td>4</td>
<td>0.31/8</td>
<td>6.00/152</td>
<td>5.21/33.61</td>
<td>4.38/111</td>
<td>6.00/152</td>
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<tr>
<td>AVK66</td>
<td>7.88 x 7.50/200 x 191</td>
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<td>0.31/8</td>
<td>8.00/203</td>
<td>8.08/52.12</td>
<td>4.56/116</td>
<td>8.00/203</td>
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<tr>
<td>AVK66S6</td>
<td>7.88 x 7.50/200 x 191</td>
<td>6</td>
<td>0.31/8</td>
<td>8.00/203</td>
<td>8.08/52.12</td>
<td>4.56/116</td>
<td>8.00/203</td>
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<tr>
<td>AVK84</td>
<td>5.81 x 9.50/148 x 241</td>
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<td>0.31/8</td>
<td>8.00/203</td>
<td>8.08/52.12</td>
<td>4.56/116</td>
<td>8.00/203</td>
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<tr>
<td>AVK84S6</td>
<td>5.81 x 9.50/148 x 241</td>
<td>4</td>
<td>0.31/8</td>
<td>8.00/203</td>
<td>8.08/52.12</td>
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<tr>
<td>AVK86</td>
<td>8.19 x 9.50/208 x 241</td>
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<td>0.31/8</td>
<td>10.11/78.13</td>
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<td>8.00/203</td>
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<tr>
<td>AVK86S6</td>
<td>8.19 x 9.50/208 x 241</td>
<td>6</td>
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<td>10.11/78.13</td>
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<tr>
<td>AVK88</td>
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<td>0.31/8</td>
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<td>AVK88S6</td>
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<td>AVK812</td>
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<td>AVK812S6</td>
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<td>12</td>
<td>0.31/8</td>
<td>24.27/156.26</td>
<td>14.06/357</td>
<td>8.00/203</td>
<td></td>
</tr>
</tbody>
</table>

Catalog numbers ending in SS6 indicates 316L stainless steel.
LOUVER PLATE KIT FILTERS

Design
Designed for use with Louver Plate Kit. Mounting holes on filter bracket align with louver mounting holes. Hardware supplied with louver also secures filter brackets in place. Aluminum air filters provide good arrestment of airborne dust and dirt.

Filter Media
Filter media is composed of layers of slit and expanded aluminum providing hundreds of adhesive coated baffle surfaces for trapping impurities. Impurities are held throughout the depth of the filter. Washing with warm water will keep the filter clean. To achieve best results, Filter Adhesive is recommended.

<table>
<thead>
<tr>
<th>CATALOG NUMBERS</th>
<th>Dimensions H x W (in./mm)</th>
<th>Use with Steel Louver</th>
<th>Use with Stainless Steel Louver</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFLT33</td>
<td>3.22 x 3.25/82 x 83</td>
<td>AVK33</td>
<td>AVK33S6</td>
</tr>
<tr>
<td>AFLT34</td>
<td>4.09 x 3.25/104 x 83</td>
<td>AVK34</td>
<td>AVK34S6</td>
</tr>
<tr>
<td>AFLT43</td>
<td>3.84 x 4.25/98 x 108</td>
<td>AVK43</td>
<td>AVK43S6</td>
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<tr>
<td>AFLT44</td>
<td>4.97 x 4.25/126 x 108</td>
<td>AVK44</td>
<td>AVK44S6</td>
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<tr>
<td>AFLT64</td>
<td>4.45 x 6.25/113 x 159</td>
<td>AVK64</td>
<td>AVK64S6</td>
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<tr>
<td>AFLT66</td>
<td>6.72 x 6.25/171 x 159</td>
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<td>AVK66S6</td>
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<tr>
<td>AFLT84</td>
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<td>AVK84</td>
<td>AVK84S6</td>
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<td>AFLT86</td>
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<td>AFLT88</td>
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<td>AVK88S6</td>
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<tr>
<td>AFLT812</td>
<td>14.14 x 8.25/359 x 210</td>
<td>AVK812</td>
<td>AVK812S6</td>
</tr>
</tbody>
</table>
VENT KIT

Includes a stylized louvered cover and filter package. Use as an air inlet when a cooling fan is mounted in an enclosure or use two vent kits to allow passive airflow. Mounting hardware included. Vent Kit requires cutout shown in diagram. Available in gray (RAL 7042) or black.

VENTILATOR

Designed to fit most metallic and non-metallic enclosures. Proper installation will provide rainproof ventilation but will not meet Type 4 or 12 requirements. Kit includes mounting hardware, and instructions. Supplied screws are 13-mm (.515-inch) long. Some applications may require longer screws.

FILTER ADHESIVE

Designed to maximize the efficiency of all expanded aluminum air filters. Use of Filter Adhesive doubles the dust-retention capacity of the filter. Adhesive contains a low-viscosity water-soluble oil which absorbs dirt particles trapped on the surface of the filter. Through the circulation of the oil, a renewed impurity-absorbing surface is constantly established. Washing with water will remove dust, dirt and other impurities. Once the filter is dry, re-coat with adhesive.