**Application:** The HB SERIES BAFFLE TYPE FILTER is specifically engineered for kitchen ventilating systems and is designed for installation in standard canopies or backshelf assemblies. A series of offset baffles positioned vertically within the frame alters the flow of grease-laden air. The grease impinges upon the baffles and drains downward. Holes in the frame bottom divert the grease into a trough and then to a container away from the fire danger area. Select from two different metal alloys to obtain the best filter for your application.

**Construction:** The HB Series uses a metal frame to enclose the baffles. The corners are mitered and the frame is secured with pop rivet(s). The concave shape of the exclusive Web-Lok® frame increases the integral strength of the filter. (Web-Lok® is a registered trademark of Research Products Corp.) The metal baffles are semi-circular in form, with end flanges to prevent re-entry of the grease into the airstream, and are secured to the frame with blind rivets.

**Available in Two Alloys**

- **HBA**
  - Aluminum

- **HBS**
  - Stainless Steel

**Product Highlights**

- Unique Baffle Design
- Easy to Install
- Easy to Clean
- Available With or Without Handles
- Drain Holes

**Fast Facts**

- **Lead Time:** 5 Days
- **Minimum Order:** No Minimum Order
- **Sizing Options:** Standard Sizes Only
- **Classification:** UL 1046

Due to continuing research and development, we reserve the right to make modifications to any product.
# HB SERIES ~ Filter Selection Chart

<table>
<thead>
<tr>
<th>MODEL</th>
<th>HBA</th>
<th>HBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONSTRUCTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frame Alloy</td>
<td>.020&quot; aluminum</td>
<td>22 gauge stainless steel</td>
</tr>
<tr>
<td>Frame Thickness</td>
<td>Nominal 2&quot;</td>
<td>Nominal 2&quot;</td>
</tr>
<tr>
<td>Baffle Alloy</td>
<td>.020&quot; aluminum</td>
<td>22 gauge stainless steel</td>
</tr>
<tr>
<td>APPLICATION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Application</td>
<td>Grease</td>
<td>Grease</td>
</tr>
<tr>
<td>Washability</td>
<td>Frequent and moderate</td>
<td>Frequent and rigorous</td>
</tr>
</tbody>
</table>

## STANDARD SIZES

<table>
<thead>
<tr>
<th>Nominal* Dimensions (H x W x T)</th>
<th>Part Number</th>
<th>Carton Quantity</th>
<th>Carton Weight</th>
<th>Part Number</th>
<th>Carton Quantity</th>
<th>Carton Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 x 20 x 2</td>
<td>HBA201620</td>
<td>6</td>
<td>16.0</td>
<td>HBS201620</td>
<td>6</td>
<td>30.0</td>
</tr>
<tr>
<td>16 x 25 x 2</td>
<td>HBA201625</td>
<td>6</td>
<td>18.0</td>
<td>HBS201625</td>
<td>6</td>
<td>36.0</td>
</tr>
<tr>
<td>20 x 20 x 2</td>
<td>HBA202020</td>
<td>6</td>
<td>18.0</td>
<td>HBS202020</td>
<td>6</td>
<td>36.0</td>
</tr>
<tr>
<td>20 x 25 x 2</td>
<td>HBA202025</td>
<td>6</td>
<td>22.0</td>
<td>HBS202025</td>
<td>6</td>
<td>45.0</td>
</tr>
<tr>
<td>25 x 20 x 2</td>
<td>HBA202520</td>
<td>6</td>
<td>22.0</td>
<td>HBS202520</td>
<td>6</td>
<td>45.0</td>
</tr>
</tbody>
</table>

## HB SERIES NOTES

### SIZING INFORMATION
- What does Nominal mean? Standard filters are of a nominal dimension. This means the height, width and thickness dimensions are undercut by a certain amount. See below for the exact amount of undercut for each dimension.
- 1. Five standard nominal size filters are available in a thickness of nominal 2" (actual 1-7/8") only and are 3/8" undercut on the height and width dimensions.
- 2. When selecting a filter from our standard list, the first dimension shown represents both the height of the baffles and the vertical position for installation.
- 3. Special size HB Series filters are not available.
- 4. Tolerance height and width: ± 1/8"
- 5. Tolerance thickness: ± 1/32"

### CLASSIFICATION AND TEST NOTES
- 1. The HB Series filter is UL 1046 listed.
- 2. The HB Series filter has an average efficiency of 94% at 300 fpm face velocity. Grease filter test results were obtained on rendered lard material heated to liquid state and dispersed into the airstream.

### FILTER CLEANING AND COATING
- 1. For moderate-use applications, wash the filters in a dishwasher daily.
- 2. For heavy-use applications, presoak filter in a detergent solution prior to cleaning in a dishwasher.

### OPTIONS
- 1. Two styles of handles are available, and can be installed on the filters at the factory or purchased separately for field installation.
  - a. Bail handles swivel 180° and can be closed when not in use.
  - b. Lift handles are stationary and cannot be closed.

### INSTALLATION CONSIDERATIONS
- 1. Install the filter at an angle no greater than 45° from vertical to allow grease to flow freely through the drain holes without pooling. Be sure the baffles are in a vertical position.
- 2. Hold the filter by the baffles or the handles (see options) during installation.
- 3. All HB Series filters are predrilled to accept both bail and lift handles.