

HB SERIES

BAFFLE TYPE FILTER



FILTERS GREASE



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

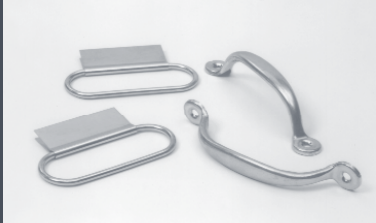
Due to continuing research and development, we reserve the right to make modifications to any product.

HB SERIES ~ Filter Selection Chart

MODEL	HBA			HBS		
CONSTRUCTION						
Frame Alloy	.020" aluminum			22 gauge stainless steel		
Frame Thickness	Nominal* 2"			Nominal* 2"		
Baffle Alloy	.020" aluminum			22 gauge stainless steel		
APPLICATION						
Application	Grease			Grease		
Washability	Frequent and moderate			Frequent and rigorous		
STANDARD SIZES						
Nominal* Dimensions (H x W x T)	Part Number	Carton Quantity	Carton Weight	Part Number	Carton Quantity	Carton Weight
16 x 20 x 2	HBA201620	6	16.0	HBS201620	6	30.0
16 x 25 x 2	HBA201625	6	18.0	HBS201625	6	36.0
20 x 20 x 2	HBA202020	6	18.0	HBS202020	6	36.0
20 x 25 x 2	HBA202025	6	22.0	HBS202025	6	45.0
25 x 20 x 2	HBA202520	6	22.0	HBS202520	6	45.0



BAIL HANDLE INSTALLED



BAIL AND LIFT HANDLES

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.

- 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.
- 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.
- Special size HB Series filters are not available.
- Tolerance height and width: $\pm 1/8"$
- Tolerance thickness: $\pm 1/32"$

CLASSIFICATION AND TEST NOTES

- The HB Series filter is UL 1046 listed.
- 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

- For moderate-use applications, wash the filters in a dishwasher daily.
- For heavy-use applications, presoak filter in a detergent solution prior to cleaning in a dishwasher.

OPTIONS

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

INSTALLATION CONSIDERATIONS

- 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.
- Hold the filter by the baffles or the handles (see options) during installation.
- All HB Series filters are predrilled to accept both bail and lift handles.

