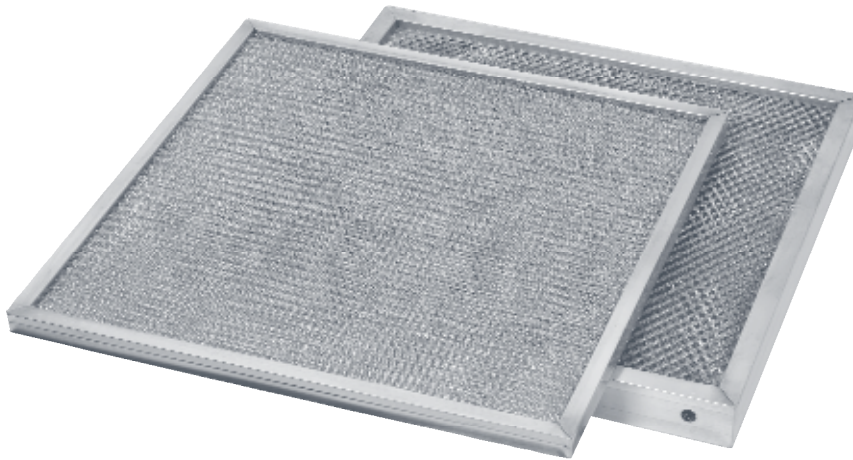


# HE SERIES

## EXPANDED ALUMINUM FOIL FILTER



FILTERS AIRBORNE PARTICULATE AND COOLANT MIST



AVAILABLE IN ONE ALLOY

## HEA

Aluminum

**Application:** The **HE SERIES EXPANDED ALUMINUM FOIL FILTER** is designed to replace disposable filters commonly used in residential, commercial and industrial HVAC applications and to filter airborne particulate and coolant mist from the airstream. It can be used dry or coated with Filter Coat. The bonded, progressive-density aluminum media makes the HE Series an excellent choice for those in need of a washable filter.

**Construction:** The HE Series filter uses an aluminum frame to enclose the media pack. The bonded, progressive-density media pack consists of multiple layers of aluminum foil slit and expanded to several different size openings. The layers are arranged with larger openings at the air entrance and smaller openings at the air exit. This design causes airborne contaminants to be trapped throughout the entire filter depth rather than just on the surface. The frame is made with mitered corners and is secured with pop rivet(s).

### PRODUCT HIGHLIGHTS

- Bonded, Progressive-Density Media
- All Aluminum Construction
- Lightweight
- Washable and Reusable

### FAST FACTS

**LEAD TIME:**

5 Days

**MINIMUM ORDER:**

No Minimum Order

**SIZING OPTIONS:**

Standard and Special Sizes

*Please see reverse side for details.*

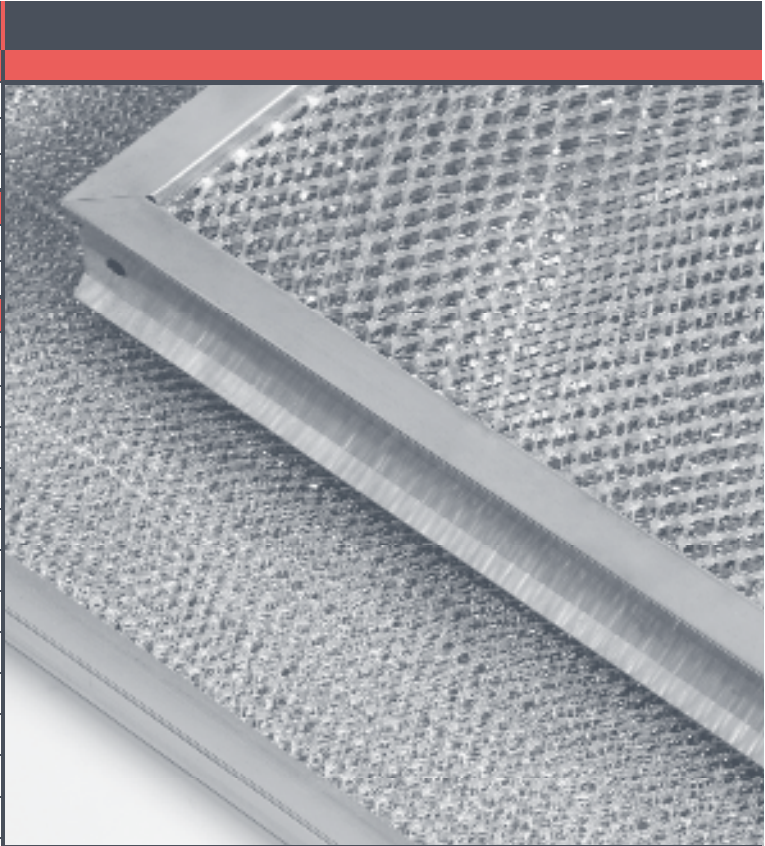
**CLASSIFICATION:**

UL 900 Class 2

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

# HE SERIES ~ Filter Selection Chart

MODEL	HEA		
<b>CONSTRUCTION</b>			
Frame Alloy	.025" aluminum		
Frame Thickness	1/2" exact; nominal* 1" and 2"		
Media	Expanded aluminum foil		
<b>APPLICATION</b>			
Application	Airborne particulate and coolant mist		
Washability	Frequent and moderate		
<b>STANDARD SIZES</b>			
Nominal* Dimensions (H x W x T)	Part Number	Carton Quantity	Carton Weight
12 x 24 x 1	HEA101224	12	12.0
16 x 20 x 1	HEA101620	12	10.0
16 x 25 x 1	HEA101625	12	13.0
20 x 20 x 1	HEA102020	12	13.0
20 x 25 x 1	HEA102025	12	15.0
24 x 24 x 1	HEA102424	12	20.0
12 x 24 x 2	HEA201224	12	20.0
16 x 20 x 2	HEA201620	6	10.0
16 x 25 x 2	HEA201625	6	12.0
20 x 20 x 2	HEA202020	6	12.0
20 x 25 x 2	HEA202025	6	14.0
24 x 24 x 2	HEA202424	6	18.0



BONDED, PROGRESSIVE-DENSITY MEDIA

## HE SERIES NOTES

### SIZING INFORMATION

- \* What does Nominal mean? Standard size filters are of a nominal dimension. This means the height, width and thickness dimensions are undercut by a certain amount. See below for the the exact amount of undercut for each dimension.
- Six standard nominal size filters are available in thicknesses of nominal 1" (actual 7/8") and nominal 2" (actual 1-7/8") and are 3/8" undercut on the height and width dimensions.
  - Special size filters are available in thicknesses of 1/2" exact, nominal 1" (actual 7/8") and nominal 2" (actual 1-3/4"). These filters must be purchased using the exact height, width and thickness dimensions so as to eliminate any confusion when ordering.  
*Link: [www.amfco.com/linkshvac/howto/specsises](http://www.amfco.com/linkshvac/howto/specsises)*
  - Tolerance height and width:  $\pm 1/8"$
  - Tolerance thickness:  $\pm 1/32"$

### CLASSIFICATION AND TEST

- The HE Series filter is listed as UL 900 Class 2 when used dry or with Filter Coat.
- Recommended final resistance is 0.5" W.G.

### FILTER CLEANING AND COATING

- To clean a dirty filter, rinse it with a moderate-to-heavy stream of warm water. High-powered steam cleaning or chemical dips are unnecessary and not recommended. Re-spraying with Filter Coat after cleaning will help maintain the filter's efficiency.
- An HE Series filter is not supplied from the factory with filter adhesive coating. If desired, it may be sprayed before installation with Filter Coat, a water soluble adhesive and detergent. The adhesive helps to retain the airborne particulate, and when the filter is washed, the detergent helps to release the used adhesive and contaminants from the media pack.

### INSTALLATION CONSIDERATIONS

- The HE Series filter may be installed in HVAC systems vertically or horizontally.

