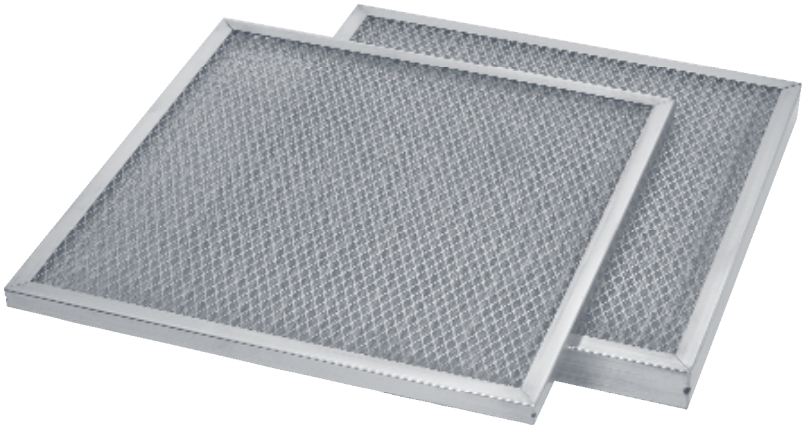
HI SERIES
INDUSTRIAL GRADE FILTER

FILTERS AIRBORNE PARTICULATE AND COOLANT MIST



AVAILABLE IN THREE ALLOYS

HIA
Aluminum

HIG
Galvanized Steel

HIS
Stainless Steel

Application: The **HI SERIES INDUSTRIAL GRADE FILTER** is designed for use in residential, commercial and industrial HVAC applications to remove airborne particulate and coolant mist from the airstream. It can be used dry or coated with Filter Coat and is built to withstand repeated cleanings. Select from three different metal alloys to obtain the best filter for your application.

Construction: The HI Series uses a metal frame to enclose the media pack which consists of multiple layers of corrugated screen wire assembled in a criss-cross fashion for strength. The pack is then placed between two layers of expanded metal and is made to fit firmly inside the frame giving the HI Series filter its exceptional strength and durability. The frame is made with mitered corners and is secured with pop-rivet(s).

PRODUCT HIGHLIGHTS

- Ridgid, Multi-Layered Construction
- Washable and Reusable
- Strong and Durable
- Corner Drain Holes

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 1 and 2

611 MARSAT COURT ★ CHULA VISTA ★ CA 91911 ★ T 619-626-1917 ★ T 800 GO AMFCO 462-6326 ★ www.amfco.com

HI SERIES ~ Filter Selection Chart

MODEL	HIA			HIG			HIS		
CONSTRUCTION									
Frame Alloy	.030" thick aluminum			22 gauge galvanized steel			24 gauge stainless steel		
Frame Thickness	1/2" exact; nominal* 1" and 2"			Nominal* 1" and 2"			Nominal* 1" and 2"		
Face Grids	28 gauge galvanized steel			28 gauge galvanized steel			28 gauge stainless steel		
Media	Aluminum screen wire			Aluminum screen wire			Stainless steel screen wire		
APPLICATION									
Application	Airborne particulate and coolant mist			Airborne particulate and coolant mist			Airborne particulate and coolant mist		
Environment	Normal environment			Normal environment			Corrosive environment		
Washability	Frequent and moderate			Frequent and rigorous			Frequent and rigorous		
STANDARD SIZES									
Nominal* Dimensions (H x W x T)	**Part Number**	**Carton Quantity**	**Carton Weight**	**Part Number**	**Carton Quantity**	**Carton Weight**	**Part Number**	**Carton Quantity**	**Carton Weight**
12 x 24 x 1	HIA101224	12	18.0	HIG101224	12	25.0	HIS101224	12	37.0
16 x 20 x 1	HIA101620	12	20.0	HIG101620	12	29.0	HIS101620	12	39.0
16 x 25 x 1	HIA101625	12	24.0	HIG101625	12	34.0	HIS101625	12	46.0
20 x 20 x 1	HIA102020	12	24.0	HIG102020	12	34.0	HIS102020	12	46.0
20 x 25 x 1	HIA102025	12	29.0	HIG102025	12	41.0	HIS102025	12	55.0
24 x 24 x 1	HIA102424	12	33.0	HIG102424	12	44.0	HIS102424	12	62.0
12 x 24 x 2	HIA201224	12	25.0	HIG201224	12	38.0	HIS201224	12	53.0
16 x 20 x 2	HIA201620	6	14.0	HIG201620	6	18.0	HIS201620	6	29.0
16 x 25 x 2	HIA201625	6	17.0	HIG201625	6	22.0	HIS201625	6	35.0
20 x 20 x 2	HIA202020	6	17.0	HIG202020	6	22.0	HIS202020	6	35.0
20 x 25 x 2	HIA202025	6	21.0	HIG202025	6	27.0	HIS202025	6	41.0
24 x 24 x 2	HIA202424	6	23.0	HIG202424	6	30.0	HIS202424	6	46.0

HI 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 exact amount of undercut for each dimension.

1. Six standard nominal size filters are available in thicknesses of nominal 1" (actual 7/8") and nominal 2" (actual 1-3/4") and are 1/2" undercut on the height and width dimensions.
2. Special size filters are available in thicknesses of 1/2" exact (HIA only) and 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 to eliminate any confusion when ordering. *Link:* www.amfco.com/linkshvac/howto/specialsizes
3. Tolerance height and width: ± 1/8"
4. Tolerance thickness: ± 1/32"

CLASSIFICATION AND TEST NOTES

1. The HI Series filter is listed as UL 900 Class 1 when used dry and UL 900 Class 2 when used with Filter Coat.
2. Recommended final resistance is 0.5" W.G.

FILTER CLEANING AND COATING

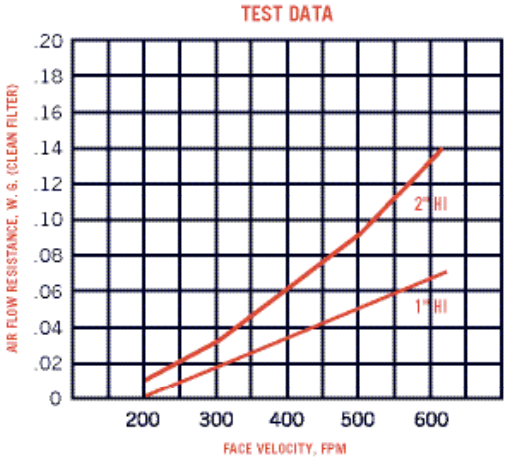
1. To clean a dirty filter, rinse it with a moderate-to-heavy stream of warm water. High-powered steam cleaning or chemical dips are unnecessary and not recommended. Re-spraying with Filter Coat after cleaning will help maintain the filter's efficiency.
2. An HI Series filter is not supplied from the 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.

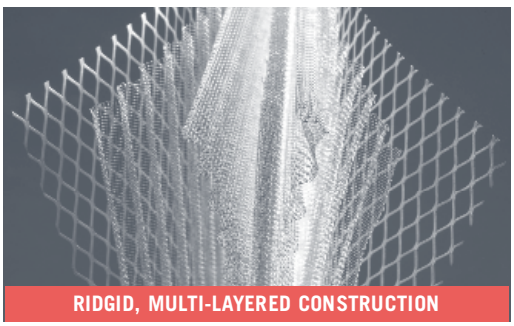
INSTALLATION CONSIDERATIONS

1. The HI Series filter may be installed in HVAC systems vertically or horizontally.

ADDITIONAL INFORMATION

1. The 1/2" exact filter uses an .025" thick aluminum frame.
2. The 1/2" exact filter is 4-ply.
3. The nominal 1" (actual 7/8") filter is 5-ply.
4. The nominal 2" (actual 1-3/4") filter is 7-ply.




RIDGID, MULTI-LAYERED CONSTRUCTION