

RHF SERIES

THIN ALUMINUM MESH FILTER



THIN FILTER OPTION FOR ALL BRANDS

Application: The RHF Series expanded aluminum foil filter is an impingement type panel filter designed for use in residential and light commercial HVAC applications to remove airborne particulate and dust from the airstream. Its thin filter depth is meant to fit smaller applications, from 1/8" - 7/16" thick. Popular applications include range hood exhaust fans, electronic air cleaners, ceiling vent fans, central air conditioners, computer ventilation systems, room air conditioners and other electronic ventilation barriers. The RHF Series doubles as an EMI/RFI Attenuator, as it can provide electromagnetic and radio frequency interference for sensitive electronic applications.

Construction: The RHF Series filter uses an aluminum frame to enclose the media pack. The bonded media pack consists of multiple layers of aluminum foil slit and expanded to several different size openings. The frame is made with mitered corners and is secured with pop-rivet(s).

Filter Cleaning and Coating

1. To clean a dirty filter, rinse it with a moderate stream of warm water. High-powered steam cleaning or chemical dips are unnecessary and not recommended.
2. The RHF 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. AMFCO does not sell Filter Coat nor any adhesive.

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

AVAILABLE IN ONE ALLOY

RHF

Aluminium Foil

PRODUCT HIGHLIGHTS

- Bonded Aluminum Foil Media
- Available in Various Thin Depths
- Low Airflow Applications
- Washable and Reusable

FAST FACTS

Minimum Order:

No Minimum Order

Sizing Options:

Standard and Special Sizes Available
(See reverse side for details.)

Classification:

UL Classified 900

MAX TEMP:

RHF – 150 Degrees F

RHF SERIES

ALUMINUM FOIL MESH FILTER



MODEL	RHF		
CONSTRUCTION			
Frame Alloy	.012" or .025" aluminum		
Frame Thickness	1/8", 1/4", 5/16", 3/8", 7/16" exact		
Media	Expanded aluminum foil		
APPLICATION			
Application	Airborne particulate and coolant mist		
Max Operating Temperature	200°		
Washability	Frequent and moderate		
SPECIAL SIZES			
Actual Dimensions, Enter on PO (H x W x T)	Part Number	Min Sq In	Max Sq In
Special Sq In Range	RHFS0050	001	050
Special Sq In Range	RHFS0100	051	100
Special Sq In Range	RHFS0150	101	150
Special Sq In Range	RHFS0200	151	200
Special Sq In Range	RHFS0250	201	250
Special Sq In Range	RHFS0300	251	300
Special Sq In Range	RHFS0350	301	350
Special Sq In Range	RHFS0400	351	400
Special Sq In Range	RHFS0450	401	450
Special Sq In Range	RHFS0500	451	500
Special Sq In Range	RHFS0550	501	550
Special Sq In Range	RHFS0600	551	600



SIZING INFORMATION

* The RHF Series filter has no standard nominal sizes. All part numbers represent a square inch range. All items are produced to the actual dimensions given on the PO as desired by the customer.

** Filter Thickness: all available filter thicknesses are actual cuts: 1/8", 1/4", 5/16", 3/8" and 7/16"

1. **Special** size filters are made to the exact height and width dimensions stated on the purchase order.
3. Tolerance height and width: $\pm 1/8"$
4. Tolerance thickness: $\pm 1/16"$

CLASSIFICATION & TEST NOTES

1. UL Classified 900
2. Rated Airflow: 200 fpm
3. Recommended Airflow Range: 125 – 250 fpm.

INSTALLATION CONSIDERATIONS

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