

CMF SERIES

CUSTOM THIN FOAM FILTER



AVAILABLE IN ONE ALLOY

CMF

Aluminum Framed Foam Filter

THIN FILTER OPTION FOR ALL BRANDS

Application: The CMF 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 1/4" - 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 CMF Series doubles as an EMI/RFI Attenuator, as it can provide electromagnetic and radio frequency interference for sensitive electronic applications.

Construction: The CMF Series filter uses an aluminum frame to enclose the media pack. The media pack consists of foam media with expanded aluminum face grids. 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 CMF Series filter is not supplied from the factory with filter adhesive coating. It is not recommended to use any filter adhesive coating on foam filters.

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

PRODUCT HIGHLIGHTS

- Custom Foam Filter
- 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:

CMF – 150 Degrees F

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| MODEL | | CMF | | |
|---------------------------|---|---------------------------------|--------------|--------------|
| CONSTRUCTION | | | | |
| Frame Alloy | .012" or .025" aluminum | | | |
| Frame Thickness | 1/4", 5/16", 3/8", 7/16" exact | | | |
| Media | Foam Media | | | |
| APPLICATION | | | | |
| Application | Airborne particulate and coolant mist | | | |
| Max Operating Temperature | 150° | | | |
| Washability | Frequent and moderate | | | |
| SPECIAL SIZES | | | | |
| Base Part | 03 - 1/8" - 3/8" Thick 05 - 7/16" - 1/2" Thick | 030 Part Numbers Sq In Range | Min Sq In | Max Sq In |
| CMFS | 03 / 05 | CMFS030050 | 001 | 050 |
| CMFS | 03 / 05 | CMFS030100 | 051 | 100 |
| CMFS | 03 / 05 | CMFS030150 | 101 | 150 |
| CMFS | 03 / 05 | CMFS030200 | 151 | 200 |
| CMFS | 03 / 05 | CMFS030250 | 201 | 250 |
| CMFS | 03 / 05 | CMFS030300 | 251 | 300 |
| CMFS | 03 / 05 | CMFS030350 | 301 | 350 |
| CMFS | 03 / 05 | CMFS030400 | 351 | 400 |
| CMFS | 03 / 05 | CMFS030450 | 401 | 450 |
| CMFS | 03 / 05 | CMFS030500 | 451 | 500 |
| CMFS | 03 / 05 | CMFS030550 | 501 | 550 |
| CMFS | 03 / 05 | CMFS030600 | 551 | 600 |



SIZING INFORMATION

* The CMF 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: 1/4", 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: ± 1/8"
4. Tolerance thickness: ± 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 CMF Series filter may be installed in HVAC systems vertically or horizontally.