

CMA SERIES

CUSTOM THIN ALUMINUM FILTER



THIN FILTER OPTION FOR ALL BRANDS

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

Construction: The CMA 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 CMA 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

CMA

Aluminium Screen Mesh

PRODUCT HIGHLIGHTS

- Aluminum Screen Mesh 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:

CMA – 150 Degrees F

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MODEL		CMA		
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		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
CMAS	03 / 05	CMAS030050	001	050
CMAS	03 / 05	CMAS030100	051	100
CMAS	03 / 05	CMAS030150	101	150
CMAS	03 / 05	CMAS030200	151	200
CMAS	03 / 05	CMAS030250	201	250
CMAS	03 / 05	CMAS030300	251	300
CMAS	03 / 05	CMAS030350	301	350
CMAS	03 / 05	CMAS030400	351	400
CMAS	03 / 05	CMAS030450	401	450
CMAS	03 / 05	CMAS030500	451	500
CMAS	03 / 05	CMAS030550	501	550
CMAS	03 / 05	CMAS030600	551	600



SIZING INFORMATION

* The CMA 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 CMA Series filter may be installed in HVAC systems vertically or horizontally.