



# PERMANENT FILTERS



## ALUMI FLOW

For use in: ventilation and air conditioning systems, air conditioners, residential hot air and A/C central units, range hoods. The Alumi Flow filter is made of aluminum foil expanded from various thicknesses into a number of different patterns. Through an exclusive manufacturing process, the layers are then bonded together to form a baffle type design. Lint, grease and dust become trapped on hundreds of adhesive coated baffle surfaces without risk of pressure loss or clogging. The Alumi Flow's performance is efficient from 300 to 600 fpm air velocity.

The Alumi Flow is stocked in standard and non-standard sizes in 1/2", 1" and 2" thicknesses. Standard sizes are 1/2" smaller than dimensions mentioned.

### MAINTENANCE

Simply clean the rust-proof aluminum with a hose. Use warm water if possible, but cold will do. Dry thoroughly, then apply filter spray to increase efficiency and make the next cleaning even easier.

### EQUIPEMENT

Manufacturers use the Alumi Flow for all types of HVAC equipment, in any shape or size, form or frame their specifications might require. Equipment using Alumi Flow media include room air conditioners, furnaces, central air conditioning systems, fan coil units, rooftop units, electronic equipment, farm equipment, car and truck A/C units, dryers, residential and commercial range hoods.

### PERFORMANCE

Filter performance depends on type of contaminants in the air. As the layers filter particles, efficiency increases. Nevertheless, this media has been designed to allow surface accumulation without blocking air flow.



Magnification shows pattern baffles with average dust arrestance of 75%. Ribbed frame for more strenght.

	1"	2"
Initial resitance (w.g.)	0,13	0,14
Final resitance (w.g.)	1,00	1,00
Average arrestance (%)	73%	75%
Dust holding capacity (grams)	250	395

## EZE FLOW

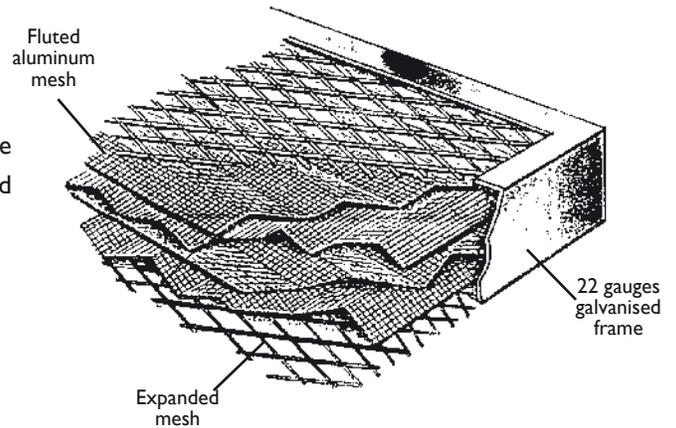
The Eze Flow filter's frame is similar to the Perma Flow's frame. The difference can be found in the internal material which is constructed from multiple layers of woven aluminum screen overlaid at 60 degrees from each other. This unusual process lets dirt load deep into the filter's crevices rather than just on the surface, thus allowing for greater dust holding capacity, which in turn leads to longer periods between filter cleanings.

### MAINTENANCE

Dirty filters should be removed and washed in hot water. Agitate to ensure deep cleaning. A mild solvent can be mixed with water. Dry thoroughly and coat with filter adhesive.

High temperature applications

The Eze Flow filter meets Class I specifications.



## PERMA FLOW

Perma Flow filters are made of permanent, washable hog-hair type media in a 24-gauge galvanized metal U frame, with high resistance laths on each side.



## BAFFLE

Designed to keep grease from depositing and building up in exhaust hoods. Unlike conventional mesh type filters, grease is collected from the air exhausted from the cooking area and runs down the vertical baffles to drainage holes, where it drops into troughs that lead to the collection can. The staggered, interlocking design of its baffle plates prevents flash flame from penetrating the plenum and duct work. The baffle filter is offered with optional bail or lock handles to comply with specific building or health codes requiring filters to be locked to the exhaust hood.



[WWW.FILTRATIONLAB.COM](http://WWW.FILTRATIONLAB.COM) - [INFO@FILTRATIONLAB.COM](mailto:INFO@FILTRATIONLAB.COM)

193 Rang de l'église  
St-Liguori (Quebec)  
J0K 2X0  
Phone: (450) 754-4222  
Fax: (450) 754-1212

1449 rue Bergar  
Laval (Quebec)  
H71 4Z7  
Phone: (450) 975-2444  
Fax: (450) 975-2777

667 rue Godin  
Quebec (Quebec)  
G1M 3E6  
Phone: (418) 688-2077  
Fax: (418) 688-8983

2700 Lancaster road unit 118  
Ottawa (Ontario)  
K1B 4T7  
Phone: (613) 680-9346  
Fax: (613) 688-8983