



Better Air is Our Business®

AmericanAirFilter® AmerKool® M81

Demister-Coalescing Pad

- ***Low pressure drop***
- ***Economical in use***
- ***Long service life***

The M81 Demister-Coalescing (D/C) Pad is a heavy duty, highly efficient mist eliminator pad that can be used in different configurations to meet the specific needs of any application. Because the M81 Pad operates at a low pressure drop and is easily replaceable, it is economical to use in a variety of ventilation, air-conditioning systems and machinery air intake systems. The unique construction of the M81 D/C Pad provides excellent free moisture removal at velocities up to 12.2 ft/s (4 m/s).

Application

M81 D/C Pads should be used for the elimination of mist/free moisture from the environment or caused by processes in the immediate area of the intake. They are typically used in coastal areas, behind air washers, and at plant sites that have long periods of heavy rain and/or frequent heavy fog/mist. The M81 D/C Pads can be used in two configurations with increasing degrees of effectiveness.

- A) A weatherhood with a M81 D/C pad is effective under moderate moisture conditions or where heavy moisture conditions exist occasionally.
- B) A weather louver with a M81 D/C pad is well suited for heavy moisture conditions.

Drain shelves and troughs or trapped drains should always be provided when heavy moisture is anticipated. AAF demister sections are available with integral drainage systems designed to meet each application's specific needs.



Construction

The M81 Demister-Coalescing Pad Media is made from a 3 inch (75 mm) thick blanket of continuous filament glass fibers. A specially formulated water resistant binder is applied during the glass spinning process allowing the media to maintain its thickness and resiliency when saturated. The pads are also made with an exclusive two-stage density, consisting of an open weave fiber pattern on the air entering side and a tighter weave on the air leaving side. This unique construction permits use of the full depth of the pad, thus increasing the amount of water each pad can hold.

Specifications

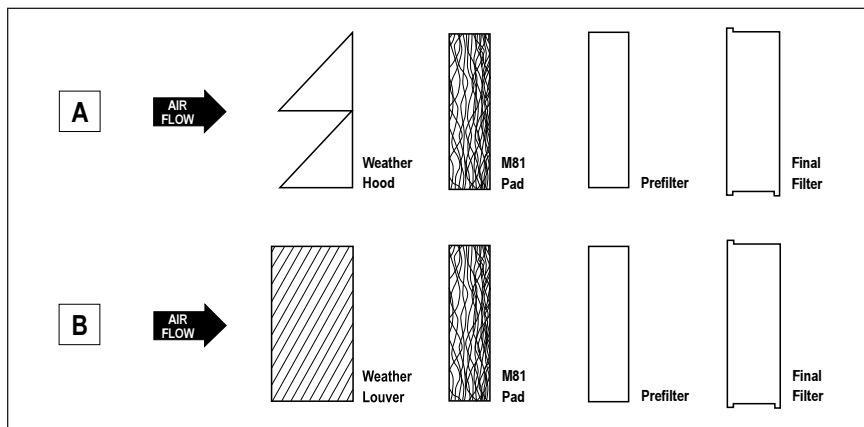
The media is 3 inch (75 mm) thick. It is gold with a blue tint on the air leaving side. The glass fibers have been sprayed with a water resistant binder that enables the media to maintain its thickness and resiliency while saturated with water. The media is supplied in pre-cut pads. Pre-cut pads are packaged in a corrugated fiber board box. Each box contains 20 pads.

Product Information

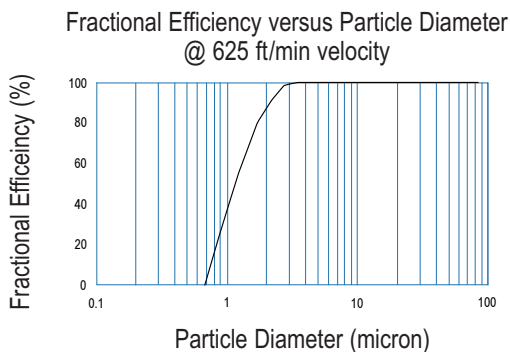
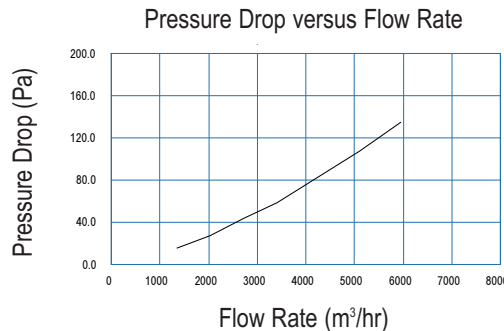
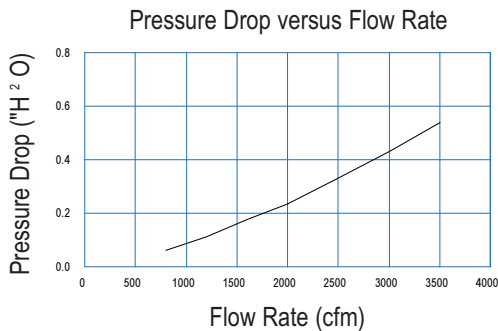
Standard size pads

Actual Size		Quantity per carton	Shipping Wt. per carton kg/lbs
mm	inch		
508x508x75	20x20x3	20	3.5/7.7
635x635x75	25x25x3	20	5.0/11.0

Possible Configurations



Performance Data



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ISO Certified 9001-2000

AAF has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.

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