

UL Classified



Main Features:

1. Compact structure can save the installation space.
2. Extend surface for long filter life.
3. Light weight easy to transportation and installation.
4. Completely burned
5. UL Classified.

Introducing:

Mini-pleat ASHRAE filters are available in efficiency ranges : 65% to 98% (F6~F9) according to EN779 testing standard .They are designed as a ultra-thin high air volume ASHRAE filter ;This design can save more installation space and keep the filter stable in the Variable-Air-Volume Air-condition System .

Construction:

Mini-pleat ASHRAE filters usually use super fine Glass fibre for media ,that ensure the filter has more dust holding and longer service life . Special processing made the media have the function of Water-resistance ; Such materials can be used in humid environments and don't make the filter resistance rising too fast. Another media is gaining acceptance ,it is PP (Polypropylene) media .The filters use PP for media have lower pressure drop ,and excellent in cushion effect .



PP Materials

Also the PP materials have the features of high strength, it can be used in high airflow environment .At the time of installation, you don't worry about touch the media , because this materials won't be damaged easily .

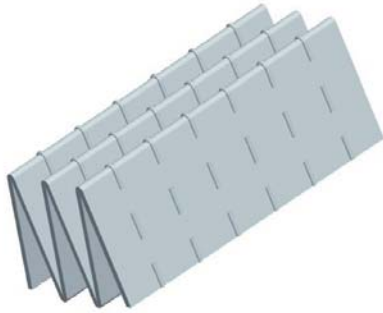
Mini-pleat ASHRAE filters usually use Paper for the frame to save costs , and the filters can be burned completely . Moisture-resistant Board Paper insure the frame from decay in humid environments . Also Paper frames are so light, that are easily to carry and install .



Moisture-resistant Board

Plastic frame Mini-pleat ASHRAE filter is often used in Air-condition System and other special environments. The plastic have the function of chemical corrosion resistance,especially in salt corrosion , so that it can met most of corrosion environment.Also the plastic frame was burned completely and recyclable.

The filter materials pleated to media packs with the fine hot melt separator can withstand wind speeds of 3m without damage. Hot melt Non-continuous distribution methods, increased the usage rate of the filter media , then give the media full play to the role of filtering.



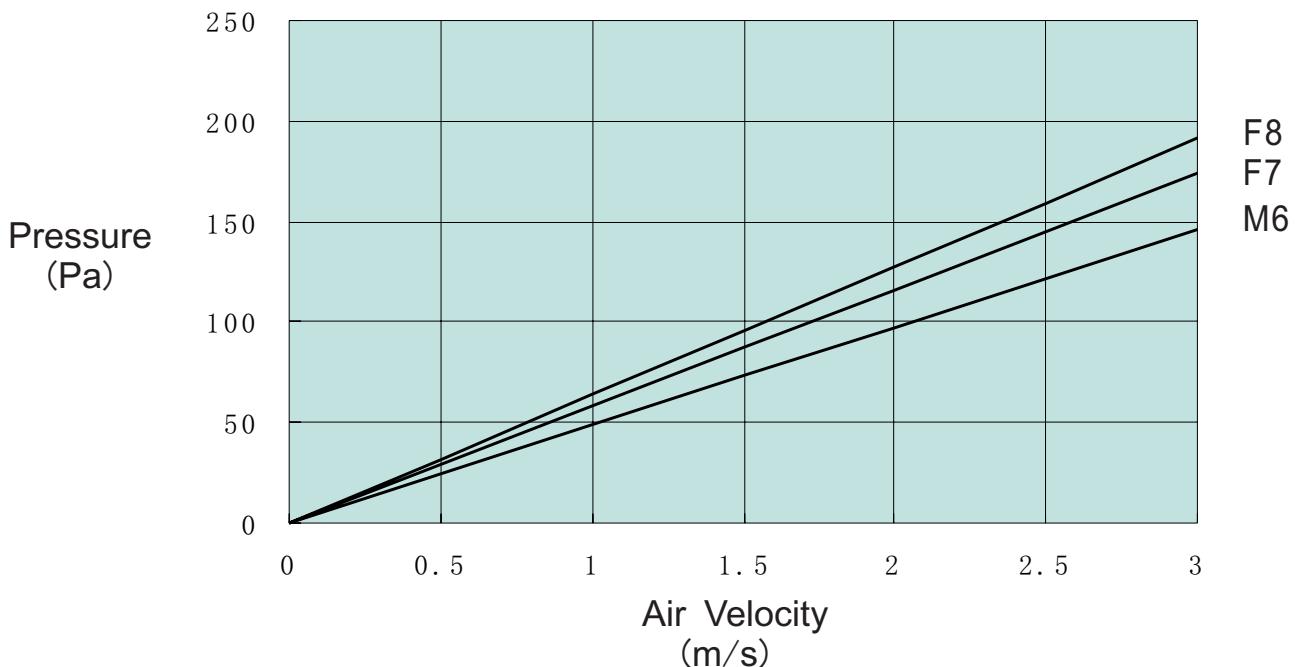
Non-continuous distribution

Operating Conditions

- ※ Temperature: $\leq 70^{\circ}\text{C}$
- ※ Humidity: $\leq 100\%RH$

Option:

1. Galvanized sheet, Stainless steel , Aluminum sheet frame are available
2. Different styles profiles are available
3. Low boron media is available
4. Dove tailed CR , EPDM , EVA gasket are available.
5. Aluminum mesh, Painted Expanded Metal face guard on upstream or downstream are available.
6. ASHRAE 52.2 Test for all the filters are available.



Technical Parameters

Mini-pleat ASHRAE Filter

WxHxD (Inch)	WxHxD (mm)	Area (m ²)	Efficiency	Airflow (CMH)	Initial Pressure (Pa)	Airflow (CMH)	Initial Pressure (Pa)※
12x24x4	290x593x92	5.53	M6	925	60	1650	130
			F7		68		155
			F8		75		170
20x20x4	493x493x92	7.78	M6	1310	60	2335	130
			F7		68		155
			F8		75		170
20x24x4	493x594x92	9.38	M6	1580	60	2815	130
			F7		68		155
			F8		75		170
20x25x4	493x620x92	9.79	M6	1650	60	2940	130
			F7		68		155
			F8		75		170
24x24x4	593x593x92	11.28	M6	1900	60	3380	130
			F7		68		155
			F8		75		170

※ Recommended final pressure: 600Pa

※ Pressure range 15%

※ Above parameters for your reference only, please consult our technical person regarding the detailed specific parameters difference.

※ Different size and specification are available.