



Non-Woven Air Filter

Testing Method	Dot Spot Efficiency (in NBS Testing Method)	Arrestance (in AFI Testing Method)
	-	> 65%
	By ASHRAE Standard 52.1-1992 (Equal to EN 779)	

Features:

Each filter is treated with a non-toxic, non-flammable exclusive dust adhesive, which is non-odorous and will not migrate.

Efficiency:

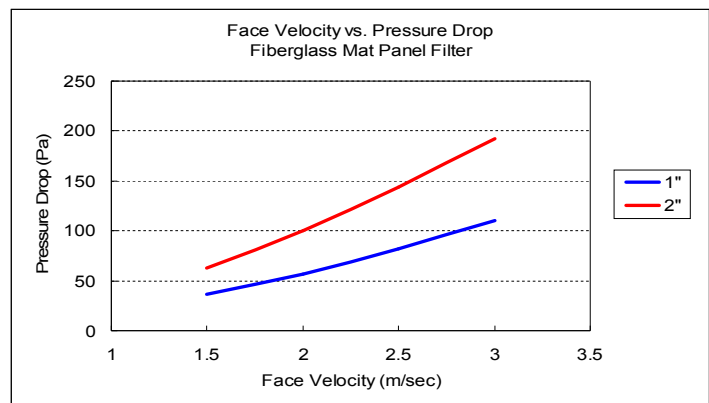
By ASHRAE Standard 52.1-1992, the efficiency of Arrestance is higher than 65%.

Media:

The filter media is designed for heavy duty applications. The media is white tinted on the air intake side and color tinted on the air exhaust side to ensure proper installation. Media is molded in shape from long continuous filament of fiber glass in such a way that the filter is gradually dense from the air intake to the air exhaust. More density of glass fibers will potentially extend the span life of filter.

Outer Frame:

The frame is constructed of high wet strength, moisture-resistant beverage board. The filter pad is enclosed by one-piece paper frame to prevent filter media blow out under normal operation. Outer frame can be also a wide range of metal selection which is including of Galvanized Steel, Aluminum and Stainless Steel.



Performance Data - Fiberglass Mat Panel Filter

Efficiency (%)		Nominal Size (W*H*D)	Actual Size (W*H*D)	Rated Capacity (CMH)	Pressure Drop (Pa)	
Dot Spot Efficiency (in NBS)	Arrestance (in AFI)	(inch)	(mm)		Initial Resistance	Final Resistance
-	> 65	12*24*1	289*595*22	1020	36	125
		16*20*1	390*492*22	1140		
		16*25*1	390*619*22	1420		
		20*20*1	492*492*22	1420		
		20*25*1	492*619*22	1770		
		24*24*1	595*595*22	2050		
-	> 65	12*24*2	289*595*45	1020	63	125
		16*20*2	390*492*45	1140		
		16*25*2	390*619*45	1420		
		20*20*2	492*492*45	1420		
		20*25*2	492*619*45	1770		
		24*24*2	595*595*45	2040		

* Special Sizes are available upon request.

Material and Service Conditions

Type		Description
Construction	Media	Fiberglass
	Frame Material	Card Board Metal Frame
Service Conditions	The maximum continuous use temperature	60 °C
	Instant Highest Humidity	100 (% RH) (No condensation state)



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