



Prefilter Pads



Description:

Pneumafil's pad pre-filters are specifically designed for gas turbine inlet air systems. Pre-filter pads are constructed of continuous filament fiberglass. The glass fibers are bonded together with an adhesive resin that is water resistant.

Pre-filter pads are disposable and are designed to be installed into Pneumafil metal holding frames. In those frames the pad is compressed from 4" to 2" thickness. This results in a more dense media and improves the filtration efficiency. The filter medium fits tightly in the frame and requires no sealant to install it. Pre-filter pads and their holding frames are designed to be mounted directly in front of Pneumafil high efficiency final filters. The STMP and TDP models provide low resistance in combination with pad pre-filters.

The pre-filter pad works well in high moisture environments since it coalesces water droplets and water drains well from the pad. If used for this type of application, the pad and its holding frame should be installed in a separate filter grid upstream from the final filter grid helping to keep as much moisture away from the final filter as possible.



Performance:

Initial Resistance (in. w.g.)	
2500 cfm	0.56
Final Resistance (in. w.g.)	1.5
ASHRAE 52.1 Arrestance (%)	83

Ordering Information:

Model	Material	Actual Size	ASHRAE 52.1 Arrestance (%)	Part Number
DG-4-24	Glass	23.375 x 23.375 x 4"	83	S51808-C1
DG-4-12	Glass	23.375 x 11.375 x 4"	83	S51808-C2