



High Efficiency TMP Barrier Filters

Description

Pneumafil's TMP line of high efficiency static barrier air filters is specifically designed for gas turbine inlet air systems. The TMP product offers a wide range of filtering efficiencies, high volumetric airflow, low pressure drop, and high dust holding capacity.

Newly improved design

New features include:

- All plastic frame for better corrosion resistance — no rusting
- Frames include sloped areas in the vees to help water drain back to the front
- Built in “handles” at back of the vees to aid install / removal, helping reduce damage
- Lower pressure drop due to narrower vertical plastic members, allowing more open area to the front and back of the vees

Media in the TMP is a wet-laid hydrophobic micro glass fiber paper medium. Continuous, unbroken lengths of the paper are pleated and formed into individual media packs. Eight such media packs per filter are sealed in V-shaped arrangements, forming a rigid filter element containing 194 ft² of media. Each TMP filter ships with a new gasket mounted to the header flange. The filter elements may be installed for either upstream or downstream service and airflow may be in either direction with no change in performance.



TMP filter elements are designed to operate continuously in applications with up to 100% relative humidity and can stand intermittent exposure to free moisture. Temperature limit is 180° F.

Construction

Frame: Injection molded plastic
 Media: Hydrophobic glass microfiber paper
 Gasket: EVA

Model	Part No.	ASHRAE Dust-Spot Efficiency per 52.1 (at 2000 cfm)	Actual Size	Potted
TMP-98	S51676-B1	98%	23.38" x 23.38" x 11.5"	No
	S51676-B2		23.38" x 11.38" x 11.5"	No
	S51676-B3		23.38" x 23.38" x 11.5"	Yes
TMP-95	S51658-B1	95%	23.38" x 23.38" x 11.5"	No
	S51658-B2		23.38" x 11.38" x 11.5"	No
	S51658-B3		23.38" x 11.38" x 11.5"	Yes
TMP-85	S51657-B1	85%	23.38" x 23.38" x 11.5"	No
	S51657-B2		23.38" x 11.38" x 11.5"	No
	S51657-B3		23.38" x 23.38" x 11.5"	Yes
TMP-75	S51656-B1	75%	23.38" x 23.38" x 11.5"	No
	S51656-B2		23.38" x 11.38" x 11.5"	No
	S51656-B3		23.38" x 23.38" x 11.5"	Yes