



High Efficiency TMP Barrier Filters

Description

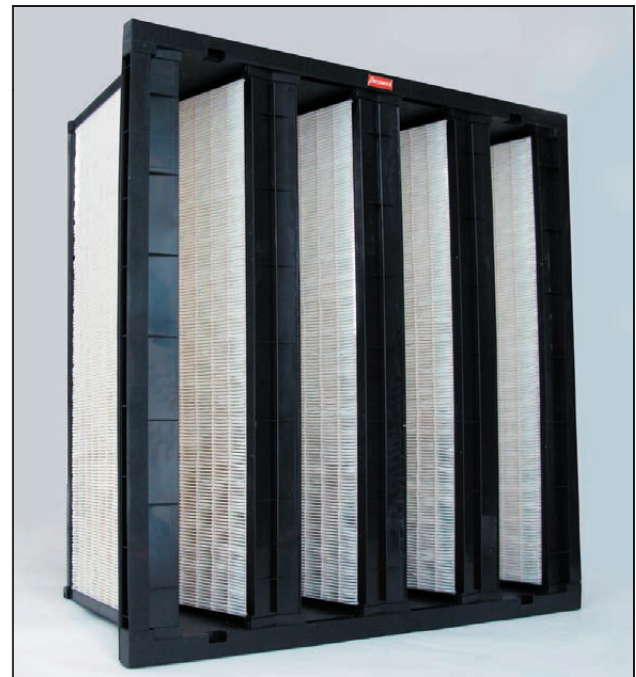
Pneumafil's TMP line of high efficiency static barrier air filters is specifically designed for gas turbine inlet air systems. The TMP product offers a wide range of filtering efficiencies, high volumetric airflow, low pressure drop, and high dust holding capacity.

Newly improved design

New features include:

- Lower pressure drop with more open area to the front and back of the vees results in higher turbine electrical output
- All plastic frame for better corrosion resistance—no rusting and no contamination into the turbine compressor
- 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

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 193 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

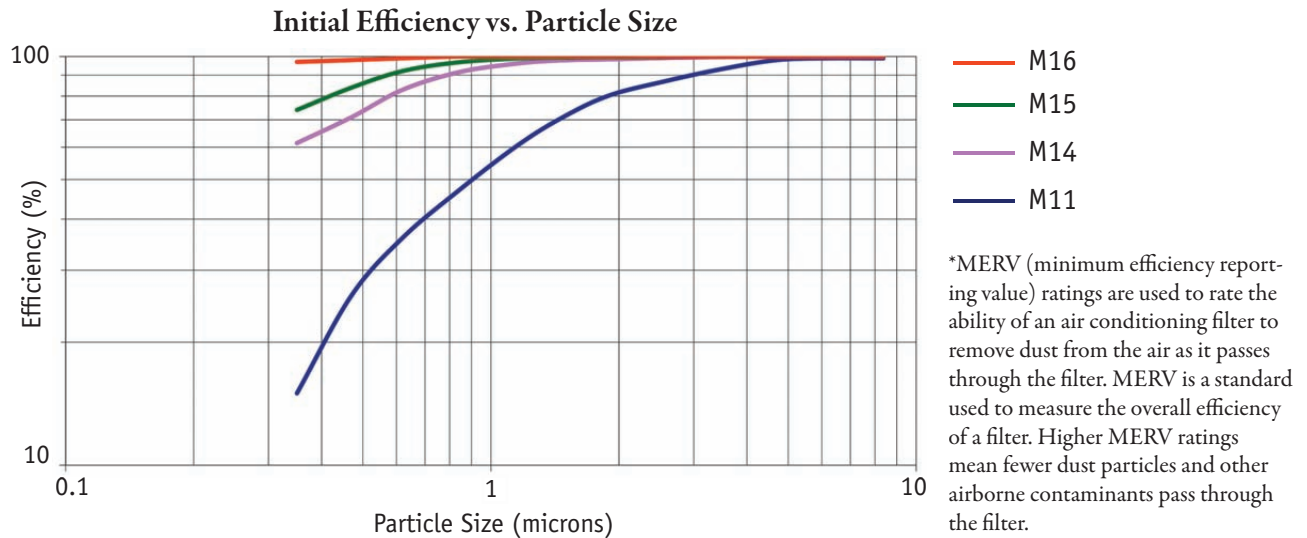
Gasket: Neoprene sponge rubber

Sealant: Polyurethane



High Efficiency TMP Barrier Filters

	TMP-M11		TMP-M14		TMP-M15		TMP-M16	
Airflow (CFM)	2000	2500	2000	2500	2000	2500	2000	2500
Initial pressure drop (" w.g.)	0.20	0.30	0.28	0.38	0.34	0.45	0.77	1.0
*MERV per ASHRAE 52.2 at 2000 CFM	11		14		15		16	



Model	Part No.	MERV per ASHRAE 52.2 (at 2000 cfm)	Actual Size	4-sided Media Seal
TMP-M16	S51695-B1	16	23.38" x 23.38" x 11.5"	No
	S51695-B2		23.38" x 11.38" x 11.5"	No
	S51695-B3		23.38" x 23.38" x 11.5"	Yes
	S51695-B4		23.38" x 11.38" x 11.5"	Yes
TMP-M15	S51676-B1	15	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
	S51676-B4		23.38" x 11.38" x 11.5"	Yes
TMP-M14	S51658-B1	14	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 23.38" x 11.5"	Yes
	S51658-B4		23.38" x 11.38" x 11.5"	Yes
TMP-M11	S51656-B1	11	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
	S51656-B4		23.38" x 11.38" x 11.5"	Yes