

Cartridge Filter

MERV 16



Media and support cage are potted into cover and base for a strong leak-proof configuration



TFP filter cartridges provide the optimum ratio between filtering area, pleat depth and number of pleats



viledon depth loading synthetic media filter cartridges meet all the requirements of standard systems as to dimensions, depth and filter performance. viledon's filtration superiority, known as the **viledon difference**, is highlighted by the following:

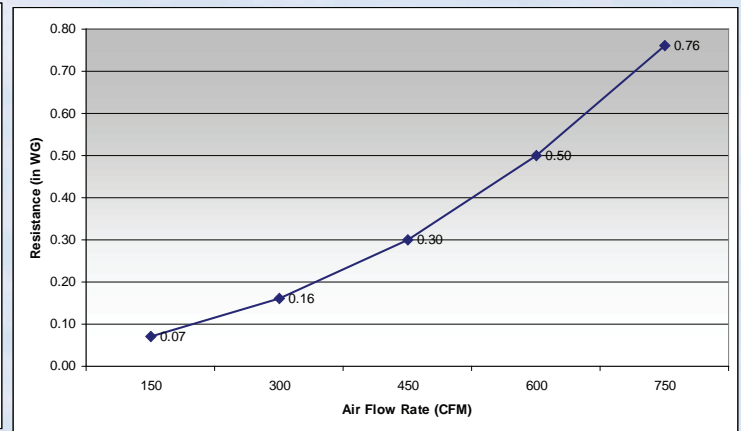
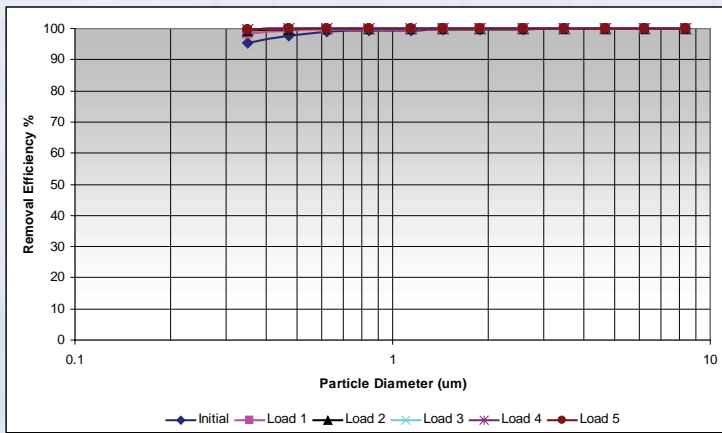
- ▶ viledon cartridge filters are developed for use in supply air systems for gas turbines and turbo compressors both on and off shore.
- ▶ The cartridge is uniquely designed to minimize pressure drops while maximizing useful service life cycles, even under extreme operating conditions.
- ▶ The synthetic media operates effectively in high temperatures and high relative humidity conditions, and is resistant to chemical damage.
- ▶ The TFP 90 tested in tandem (conical & cartridge) has an initial pressure drop of only 0.55" W.G. when tested @ 1,360 CFM, this greatly increases gas turbine output while maintaining longer life versus generic "me-too" cartridge filters.
- ▶ The filter cartridges provide optimized ratio between filtering area, pleat depth and number of pleats.
- ▶ viledon's development team is continually creating new products to serve emerging markets and meet changing specifications.
- ▶ Moisture-resistant up to 100% relative humidity.
- ▶ The TFP 90 meets the 25" W.G. GE™ 72 Hour Wet Air Filter Breach Test
- ▶ Temperature Resistance: Continuous 160°F, peaks 175°F
- ▶ The viledon TFP 90 filters are NOT designed for pulsing.
- ▶ **This product has been GREENGUARD Indoor Air Quality Certified® by the GREENGUARD Environmental Institute under the GREENGUARD Standard for low emitting and microbial resistant products.**

Technical Data- viledon TFP 90



Particle Removal Efficiency

Resistance Curve



ASHRAE 52.2 BHT-07-768 REV1

Performance	Unit	TFP 90
Rated Air Flow	CFM	600
Initial Resistance	"w.g.	.50
Final Resistance	"w.g.	3.2
MERV@1968		16

ADDITIONAL DATA

Performance	Unit	TFP 90
Burst Strength	"w.g.	25
All Standard Sizes Available		

January 2010 Revision

The figures given are mean values subject to tolerances due to normal production fluctuations. Our explicit written confirmation is always required for the correctness and applicability of the information involved in any particular case.

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