

Cartridge Filter

MERV 12



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



GTC90P filter cartridges provide the optimum ratio between filtering area, pleat depth and number of pleats



Corrosion Resistant End-Caps and stainless steel internal liners



viledon surface loading media is a high quality synthetic and cellulose blended media utilizing a high quality resin bonded plastizer system to assure longevity and resilience of the fiber substrate. All GTC 90P cartridges meet all the requirements of standard pulsing systems as to dimensions, depth and filter performance. viledon's filtration superiority, known as the **viledon** difference, is highlighted by the following:

- ▶ viledon GTC 90P cartridge filters are developed for use in supply air systems for gas turbines and turbo compressors for both on and off shore environments.
- ▶ viledon GTC 90P does extremely well in all environments including urban & residential environments, tropical, coastal, or marine environments, semi-arid or arid environments, desert environments, and arctic environments that may endure both frost and snow.
- ▶ The filter cartridges provide optimized ratio between filtering area, pleat depth and number of pleats.
- ▶ Fraizer Air Permeability Test is rated at 16.
- ▶ GTC 90P (Plastic) is specifically designed for demanding corrosive environments. This GTC version includes plastic (non-corrosive end caps) and stainless steel (non-corrosive) internal liner.
- ▶ Moisture-resistant up to 100% relative humidity.
- ▶ The GTC 90P meets the 25" W.G. GE™ 72 Hour Wet Air Filter Breach Test
- ▶ Temperature Resistance: Continuous 160°F, peaks 175°F

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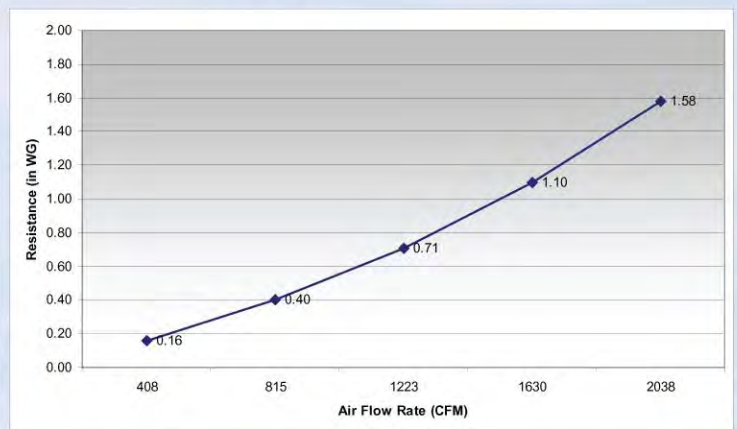
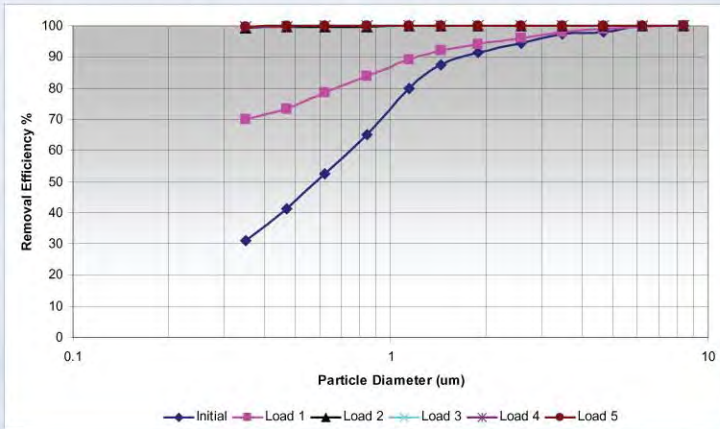
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Freudenberg
Filtration Technologies



Particle Removal Efficiency

Resistance Curve



Performance	Unit	GTC 90P
Tandem Rated Air Flow	CFM	1630
Tandem Initial Resistance	"w.g.	1.10
Tandem Final Resistance	"w.g.	4.0
MERV@1968		12

ADDITIONAL DATA

Performance	Unit	GTC 90P
GE™ 72 Hour Wet Air Filter Breach Test	"w.g.	25
Torque Recommendations	ft.lbs	4

AVAILABLE SIZES

Model	Length	Shape	OD/Bolt Hole
GTC 90P K66S1	26"	Conical	N/A/N/A
GTC 90P S66S1	26"	Cylinder	12 3/4" / 1/2"
GTC 90 S66S1-02	26"	Cylinder	12 3/4" / 1 1/4"

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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