DriPak GTR

Performance Enhancement for Gas Turbines

| Advanced-Technology Pre-Filters

Aerodynamic, plastic support finger on the air leaving side

Reverse Pocket Filter

Description

For restricted-space applications in arduous conditions, DriPak GTR filtration solutions provide effective and thorough protection for gas turbines and other machinery, even in marine environments.

Essentially two filters in one, DriPak GTR coalesces water upstream of the barrier filter to prevent large atmospheric particle ingestion. Furthermore, the revolutionary reverse pocket design of the DriPak GTR won't sag, shrink, collapse or fall out of the filter housing in wet conditions.

It is a unique self-supporting, fully plastic, high-velocity filter which close-couples directly to fine and (H)EPA filter. Reverse flow enhances water capture and runoff while providing installed life up to and over 16,000 hours.

Benefits

Low pressure drop
Protection doesn't come at the expense of performance.

Optimized to perform
Progressively structured media manages captured particulates for longer life and lower pressure drop over time. V-pocket geometry preserves pressure levels even under particulate load, outperforming cubes and bag filters.

Tested and proven
Tested to both North American ASHRAE 52-2007 and European EN-779 Test Protocols.

Resilient structure
All-plastic, self-supporting construction and a patent-pending design deliver results.

Plastic supports stabilize filter pockets and preserve filter shape in the reverse airflow position.

Final filter coupling
A unique design and support system allow DriPak GTR filters to be close-coupled to final filters without creating additional pressure drop.

Stands up to tough conditions
100% RH resistant with a moisture-coalescing design.

Temperature tolerant
Rated to a maximum temperature of 176°F (80°C).

1 | **Reduced Lifecycle Cost**

2 | **Low Pressure Drop**

3 | **Moisture Coalescence**

Product features

- Inverted pocket design for coalescing and drainage of moisture away from close-coupled final filters
- Depth-loading media for increased service life and low lifecycle cost
- Very low airflow resistance for increased turbine output
- Integrated plastic support fingers for product and media stability
- All-plastic, corrosion-proof construction

Applications

- Coastal or high-moisture applications
- High-dust-laden environments

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GAS TURBINE DIVISION

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Performance Specification Data

Efficiency	G4 & M5
Initial Pressure Drop	(2500 CFM / 4250 m^3/h) G4 - 0.25" WG / 62 Pa M5 - 0.43" WG / 107 Pa
Dust-Holding Capacity ISO Fine Dust	G4 - 1400 grams M5 - 415 grams
Recommended Final Resistance	1.5" WG
Temperature Range	176˚F / 80˚C
Humidity Range	100%

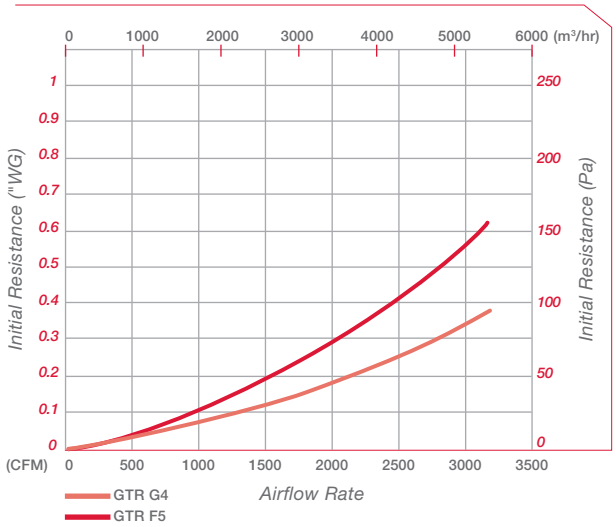
CONSTRUCTION

Filter Media	Polyester
Frame Material	Plastic
Gasket	Nitrile

DIMENSIONS

Width	23.31" (592mm)
Height	23.31" (592mm)
Depth	13" (330mm)

RESISTANCE CURVE



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