

HydroKlean

Performance Enhancement for Gas Turbines

| High-Efficiency Canister

All-Synthetic Cartridge Filter

Description

For protection from a combination of dust and moisture, trust AAF's HydroKlean filters. The proprietary blend of synthetic fibers used in their construction allows HydroKlean filters to offer superior protection and extensive dust-holding efficiency in fine-particulate environments. Their exceptional wet burst strength and moisture resistance make them well suited for environments with substantial moisture. And their low pressure drop preserves efficiency and helps lower energy costs.

Benefits

Low pressure drop

Protection doesn't come at the expense of performance.

Rated MERV 15/F9

For efficient filtration.

Smart design

Optimum pleat spacing and separation promote maximum filter life.

Increased pulse cleaning effectiveness

For longer useable filter life.

100% synthetic

For strength and durability, especially in rugged industrial environments with high moisture.

High resistance to moisture

Synthetic media will not swell when saturated.

Tested and proven

Tested using ASHRAE 52.2 and EN779 test protocols.

Temperature tolerant

Rated to a maximum temperature of 170°F (76°C).

Compatible

Produced in a wide variety of sizes, HydroKlean cartridge replacement filters are available for most manufacturers' inlet systems.



- 1 | Long Service Life
- 2 | Low Resistance
- 3 | Reduced Lifecycle Cost

Product features

- Unique fiber technology does not erode or degrade over time, maintaining its high initial efficiency throughout the life of the filter
- Optimized media area for full media utilization and maximum lifetime
- High burst pressure that meets or exceeds original equipment manufacturers' standards

Applications

- Reverse pulse applications
- Land- and offshore-based gas turbines
- High-humidity environments



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GAS TURBINE
SOLUTIONS

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Performance Specification Data

Efficiency	MERV 15 / F9
Initial Pressure Drop	190 Pa at 1275 m ³ /h (0.76" WG at 750 CFM) (26"-long cylinder)
Burst Strength	> 6250 Pa (25" WG)

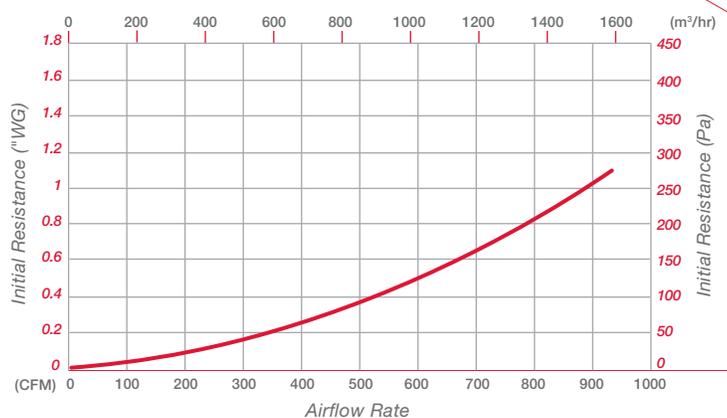
CONSTRUCTION

Filter Media	Synthetic substrate with nanofibers
Endcaps	Galvanized or stainless steel
In/Outside Liner	Galvanized (stainless steel available on request)
Potting	Polyurethane
Gasket	Polyisoprene

DIMENSIONS

	Conical	Cylindrical
Large Dia.	17.5" (445mm)	12.75" (323mm)
Small Dia.	12.75" (323mm)	12.75" (323mm)
Length	26.0" (660mm)	26.0" (660mm)

RESISTANCE CURVE



1.855.583.HEPA (4372)
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