

DuraGT

Performance Enhancement for Gas Turbine Inlets and Generator Supply Air

| Advanced Technology for Intermediate & Final Barrier Filtration

Description

The DuraGT has been specifically designed to provide protection for your gas turbine; this reliable filter is installed in gas turbine filter houses around the world.

The DuraGT is most commonly used in urban and industrial applications. The heavy-duty, halogen-free filter offers excellent performance in compressors, gas turbines, generator supply air, and other machinery in which pulsing or surging may occur during the initial startup of the engine. It is ideally suited as a final filter in non-(H)EPA applications where higher ASHRAE 52.2 filter systems are required, or as an intermediate filter to protect (H)EPA multi-stage filter systems downstream.

AAF's proprietary media offers a large dust holding capacity that extends replacement intervals without sacrificing protection. In combination with AAF's oil and water repellent treatment, operators can benefit from reduced lifecycle costs while still maintaining protection to the engine.



Features and Benefits

Low pressure drop

Protection doesn't come at the expense of performance

Large surface area

Creates greater filtration and depth loading ability.

Smart design

Optimum pleat spacing and hot melt separation promotes increased dust holding capacity and maximum filter life.

Vertical Pleats

Vertical pleats eliminates moisture from collecting within pleats like horizontal designs

Protection Screens

Strong tough protection screens to protect and stabilize the pack downstream during installation or during engine startups.

Gasketing

Foam-in-place gaskets for 100% air tight protection.

Product highlights

- | Protects engines with sustained efficiency
- | Media packs are potted to eliminate any air-bypass
- | All plastic corrosion-proof construction
- | Protection screen stabilizes pleat pack stability
- | Foam-in-place gasketing

Applications

- | Gas turbine inlet supply air
- | Gas turbine generator supply air
- | Diesel and gas engine supply air filtration

1 | Low ΔP 2 | High dust holding 3 | Large surface area



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DuraGT™

Performance Enhancement for Gas Turbine Inlet Filtration
 | Maximum Performance Filter Solutions

Performance Specification Data



Efficiency	MERV 15 according to ASHRAE 52.2
Initial ΔP	154 Pa (0.62" WG) Tested at 4280 m ³ /hr (2520 CFM)
Final pressure drop	450 Pa (1.8" w.g.)
Burst Pressure	6225 Pa (25" w.g.)
Air flow Capacity	Up to 5100 m ³ /h (3,000 CFM)
Temperature	-70°C to + 158°F
Humidity Range	0 to 100% relative humidity

CONSTRUCTION

Filter Media	Wet-laid glass
Frame Material	Plastic
Protection Screen	Plastic
Sealant	Polyurethane
Gasket	Foam-in-place

DIMENSIONS

Height	592 mm (23.375")
Width	592 mm (23.375")
Depth	292 mm (11.5")

HEADER

Thickness	25mm (1")
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MEDIA AREA

Media Area	18.58 (200 ft ²)
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WEIGHT

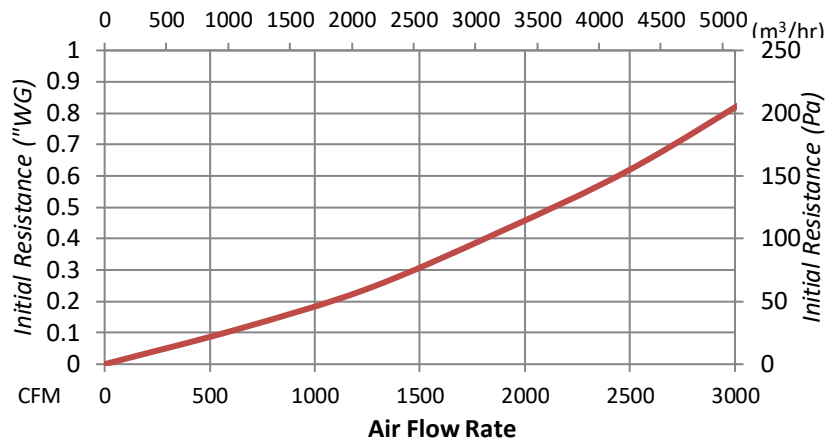
Weight	7.5 kg (16.5 lbs.)
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FILTER MODEL DETAILS

Filter model	Part #	Size	Header Size	Efficiency	Pressure drop	Weight
DuraGT	BV204F9A036110000	24x24x11.5	1" (25mm)	MERV 15 (F9)	0.62" w.g. @625 FPM	16.5 lbs. (7.5 kg)

Technical Notation: For standard Type 8 holding frames with built in filter clipping system, ensure that the 25mm header will fit clipping system within the frame.

RESISTANCE CURVE



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