

# DuraGT™

## Protection for Gas Turbines

| Intermediate and final barrier filter

### Description

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

The DuraGT is most commonly used in urban and industrial applications. This heavy-duty, halogen-free filter offers excellent performance in compressors, gas turbines and other machinery in which pulsing or surging may occur. It is ideally suited as a final filter in lower efficiency filter systems, or as an intermediate filter to protect higher efficiency or EPA grade final filters.

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 HydroGT filters, 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 promote maximum filter life.

#### Stands up to tough conditions

Sturdy construction makes DuraGT highly resistant to damage and wear.

#### Easy to install

Rigid construction simplifies installation in front, rear and side-access systems.

#### Easy disposal

Fully incinerable for safe, simple disposal.

#### Temperature tolerant

Rated to a maximum temperature of 70 °C (158 °F).



### Product highlights

- | Protect engines with sustained particulate collection
- | Media packs potted on all sides for a leak-free seal
- | Corrosion-proof construction
- | Protection screens for increased filter media stability and high burst pressure
- | Quick and easy maintenance



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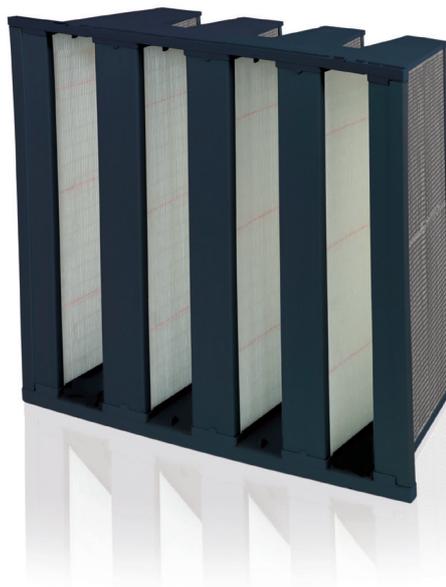
GAS TURBINE  
SOLUTIONS

# DuraGT™ 300

## Performance specification data

### Overview

Recommended final resistance	450 Pa   1.8 in.WG <sup>1</sup>
Burst strength	> 6225 Pa   25 in.WG
Max. operating temperature	70 °C   158 °F
Humidity range	0 to 100% relative humidity



### Filter model details

Filter model	Part number	Initial pressure loss at stated airflow		Efficiency class <sup>2</sup>
		3400 m <sup>3</sup> /h   2000 CFM	4250 m <sup>3</sup> /h   2500 CFM	
DuraGT 300-M6	BV201-F6-A0	75 Pa   0.30 in.WG	115 Pa   0.46 in.WG	M6   MERV 11
DuraGT 300-F7	BV202-F7-A0	85 Pa   0.34 in.WG	125 Pa   0.50 in.WG	F7   MERV 13
DuraGT 300-F8	BV203-F8-A0	95 Pa   0.38 in.WG	135 Pa   0.54 in.WG	F8   MERV 14
DuraGT 300-F9	BV204-F9-A0	135 Pa   0.54 in.WG	180 Pa   0.72 in.WG	F9   MERV 15

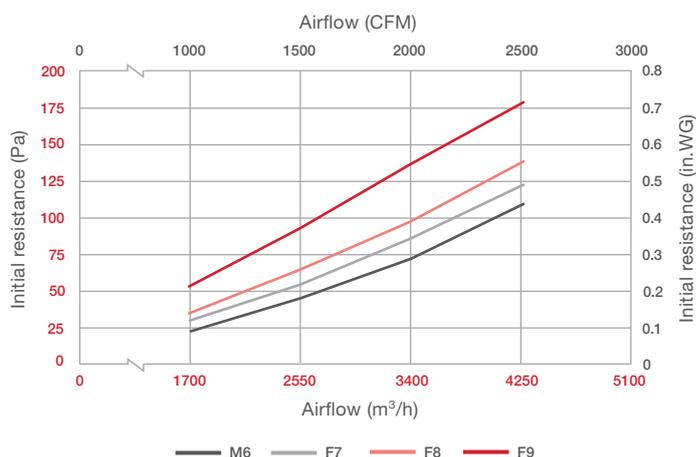
### Construction

Filter media	Glass fibre
Frame material	Plastic
Protection screen	Plastic
Sealant	Polyurethane
Gasket	Continuous foaming polyurethane

### Dimensions

Width	592 mm   23.3 in
Height	592 mm   23.3 in
Depth	292 mm   11.5 in
Weight	7.5 kg   16.5 lb

### Resistance curve



<sup>1</sup> Max. final resistance 625 Pa | 2.5 in.WG.

<sup>2</sup> Up to 4250m<sup>3</sup>/h | 2500 CFM. Based on EN779:2012, ASHRAE 52.2:2017.