



The Cam-Flo GT is a newly developed inlet filter for gas turbines, compressors and diesel engines that have high velocity air inlet systems. The Cam-Flo GT, in combination with the CamCube, gives excellent filtration benefits with improved engine protection and no need for costly shutdowns.

Gas turbine and engines equipped with high velocity inlet in offshore and marine installations are in many cases suffering from extensive maintenance, high pressure drop and poor engine protection. These shortcomings are mainly a result of the high air-to-filter media ratio, limiting

dust holding capacity and reducing filtration efficiency. With its robust design, large effective filter area and unique composite filter media, the Cam-Flo GT offers clear advantages to today's existing alternatives in the market.

The multi layer synthetic media combining pre- and high efficiency filtration in one synthetic media improves dust holding capacity and prolongs filter life. The synthetic fiber has excellent mechanical strength, which makes it a perfect match for gas turbine operations, especially in areas where considerations for high humidity and/or turbulence is important.

#### **Unique pocket design**

The filter pockets are manufactured using Camfil Farr's CMS (Controlled Media Spacing) method. Each pocket is formed into a perfect V-shape, inhibiting contact between the bags and distributing the air evenly over the entire filter area. The individual filter bags, made of multi layers of synthetic media, are fixed in place with adhesive and secured for maximum strength in a special stainless steel frame. Reinforcements are located between the bags to ensure the filter's stability and shape during max air flow. It can operate in temperatures up to 70° C/158° F and 100 % RH.

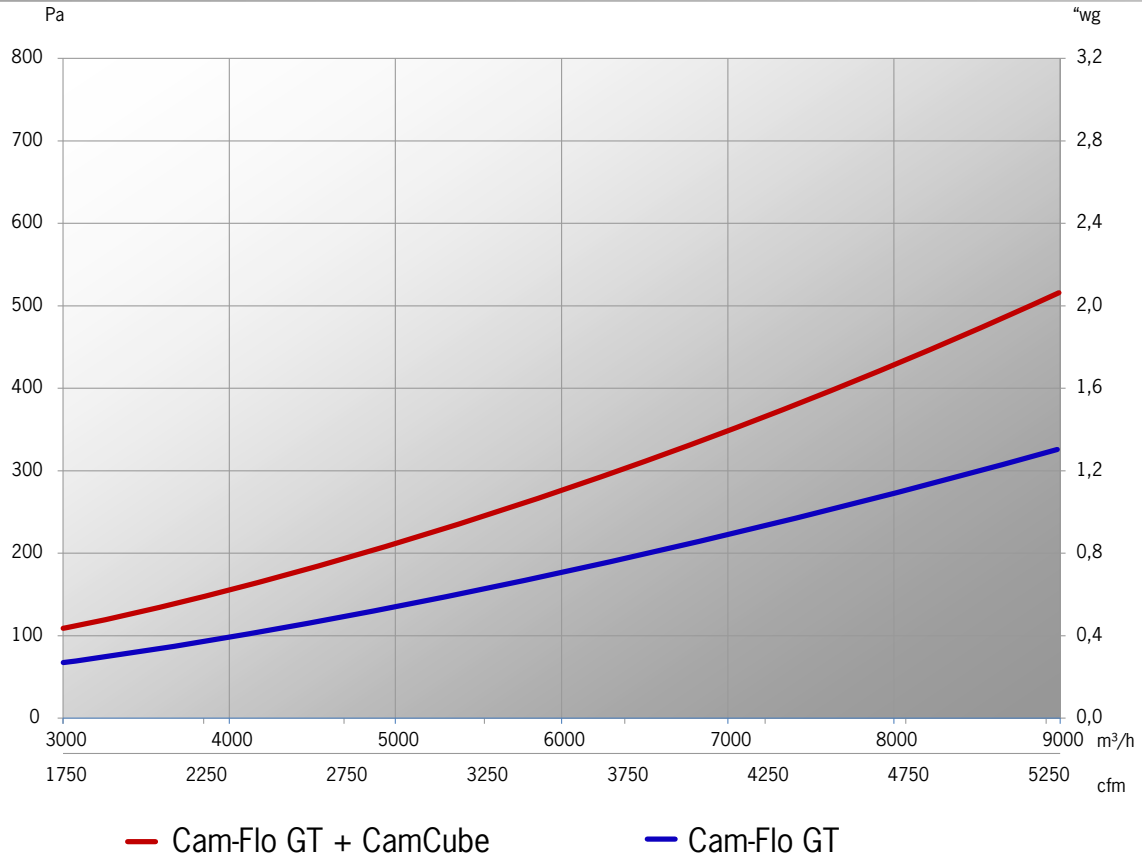
#### **CamCube reduces downtime**

The CamCube is a coarse filter that is installed downstream of the Cam-Flo GT, allowing online filter replacement thus reducing costly downtime. Only during online filter change of the Cam-Flo GT will the CamCube be challenged with dust, leading to an extended filter life for the CamCube. This leads to longer intervals between forced shut downs due to final filter replacement.

#### **Key features:**

- **Higher efficiency for improved engine protection**
- **Specially shaped bags for low pressure drop**
- **Multi layer media for high dust holding capacity**
- **Allows on-line filter replacement**

## Initial Pressure Drop vs. Flow



## Technical data

Model	WxHxD		Header	Shipping data		Media Area	Air flow/Press. loss		ASHRAE Dust holding capacity	Filter class
	mm	inch		m³/ft³	kg/lb		m³/h / Pa	CFM / "wg		
Cam-Flo GT X7 CamCube together	618x577x605	24.1/3x22.1/3x23.8	25	NA	NA	8.9 / 95	7200 / 358	4235 / 1.4	485 / 1.1 at 875 Pa	F7*
Cam-Flo GT X7	618x577x605	24.1/3x22.1/3x23.8	25	0.9/35.3	5.5/12	7.2 / 77	4250 / 103	2500 / 0.4	757 / 1.7 at 450Pa	F7**
CamCube	618x577x630	24.1/3x22.1/3x23.8	20	0.8/28.3	2.0/4.4	1.7 / 18	NA	NA	NA	G4

\* Applies to final pressure drop @ min. 600Pa. \*\*Tested according to EN779:2012 norm at 4250 m³/h.

<b>Frame</b>	Stainless steel, AISI 316 galvanized steel available on request	<b>Recommended max. final pressure drop</b>	875 Pa (3.5" wg)
<b>Media</b>	Synthetic fiber	<b>High velocity air flow</b>	7.200 m³/h (4235 CFM)
<b>Seal</b>	Polyurethane	<b>Operating temperature</b>	70°C/158°F max. running