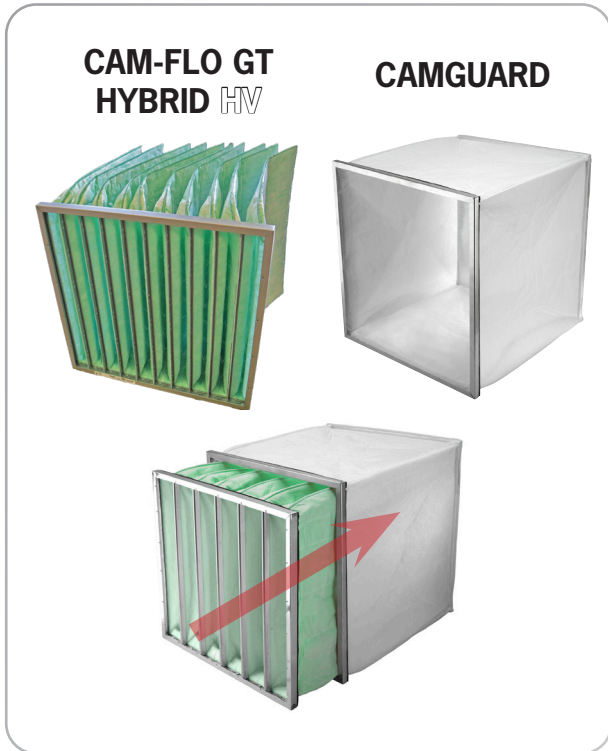


A competitive solution for high velocity systems.



Maximum availability

Service stops for filter replacement lead to significant loss of power output, and for mechanical drive applications, costly production stoppages. A filter change-out and associated maintenance can take a unit offline for as long as 24 hours. Apart from the loss of revenues during a shutdown, starting and stopping the engine may cause thermal stress of components, leading to costly repairs. The Cam-Flo GT Hybrid HV + CamGuard were therefore developed to offer a solution that does not require downtime for filter change outs.

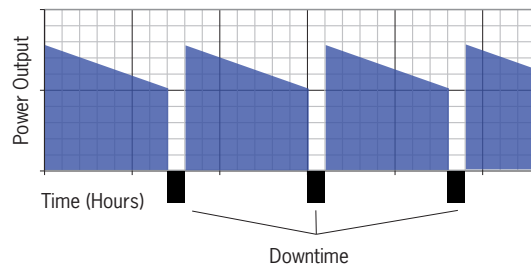
The Cam-Flo GT Hybrid HV delivers high and stable filtration with low airflow restrictions – longer than standard filters. In combination with the CamGuard, which allows the operator to swap the filter on-line, service intervals are extended two to three times compared to traditional one stage filter systems.

These features makes the Cam-Flo GT Hybrid HV + CamGuard the ideal choice for high velocity systems in the oil and gas sector, where engine availability is the main concern for operators.

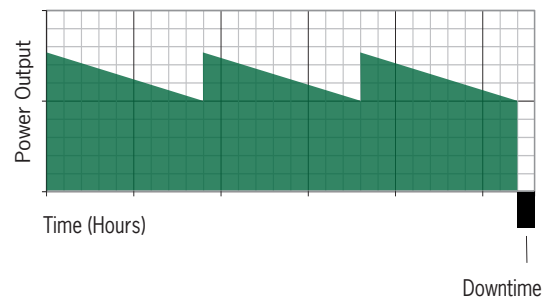
Key benefits

- Fits most high velocity applications with no retrofit required
- Lower filter-related costs:
 - Lower initial filter costs
 - Lower maintenance costs
 - Less downtime with online filter change-outs

Traditional system



Cam-Flo Hybrid HV + CamGuard system



Filter change-out: Filter change-outs are necessary to recover power output caused by high pressure drops. With a traditional system, a shutdown is required each time filters are replaced. With Camfil's high velocity system, filters can be changed online.

*For areas where hot corrosion is not a concern.

A competitive solution for high velocity systems.

Offshore



Marine



Coastal



Cam-Flo GT Hybrid HV: high dust holding Capacity (DHC) & Low pressure drop (dP)

With its dual layer media and large surface area, the Cam-Flo GT Hybrid HV offers high DHC and increased efficiency as compared to systems with multiple filters.

The synthetic media has excellent mechanical strength, which makes it a perfect match for gas turbine operations, especially in areas where high humidity and/or turbulence is prevalent. It has the capacity to operate in temperatures up to 70°C/158°F and 100% RH.

The V-shaped pockets inhibit contact between the bags and distributes the air evenly over the filter area, utilizing the entire filter surface. This serves to optimize airflow and minimize operational pressure drop, therefore leading to lower turbine operational costs.

To ensure performance even at higher than average airflow, the filters are made of a special stainless steel frame for maximum strength and reinforcements which are located between the bags to ensure stability and shape.

CamGuard: reduces downtime

The CamGuard is a coarse filter installed downstream of the Cam-Flo Hybrid HV, allowing online filter replacement, thus reducing costly downtime.

During operations, the higher efficiency of the Cam-Flo GT Hybrid HV will prevent dust from loading the CamGuard. Only during online filter change of the upstream filter will the CamGuard be challenged with dust, leading to an extended filter life for the CamGuard. This extends intervals between forced shut downs due to final filter replacement.

Technical data

Model	WxHxD		Header	Shipping data		Media area	Air flow/ Initial pressure drop		ASHRAE dust holding capacity	Filter class*
	mm	inch	mm	m ³ /ft ³	kg/lb	m ² / ft ²	m ³ /h / Pa	CFM / "wg	g/lb	
Cam-Flo GT Hybrid HV	618x577x605	24.3x22.7x23.8	25	0.9/35.3	5.5/12	7.2/77	-	-	-	T7
CamGuard	618x577x630	24.3x22.7x24.8	20	0.8/28.3	2.0/4.4	1.7/18	-	-	-	G4
Cam-Flo GT Hybrid HV + CamGuard	618x577x630	24.3x22.7x24.8	45	0.9/35.3	-	-	7200 / 548	4235 / 2.2	351 / .77 at 875 Pa	-

Applies to final pressure drop @ min. 600Pa. *Tested at 4250 m³/h.

*Filter class: CamGuard G4 per filter test standard EN779:2012; Cam-Flo GT Hybrid HV per filter test standard ISO 29461-1:2021

Camfil Power Systems