



To meet the industry's increasing demands for performance and power output, Camfil has developed the CamGT 3V-440 gas turbine filter with a solid, airtight frame, and our proven technique for fixing the media, the double-sealing design. The result is a high-performing filter that eliminates bypass air, extends turbine life, and reduces maintenance costs. Furthermore, each filter grade is individually optimized in order to provide the lowest possible pressure drop.

#### A solid EPA construction

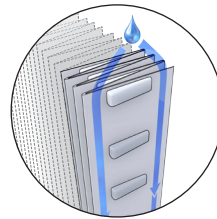
The CamGT series includes top of the line high performance features:

- the original vertical pleat with open hotmelt for improved drainage and low and stable operating pressure drop
- the patented drainage vane design improves drainage even further
- the patented double sealed construction and hydrophobic media eliminates the risk of dissolved contaminants or salt by-pass, thereby eliminating corrosion risks and reducing fouling
- the patented aerodynamic grid featuring an optimized air exiting vane reduces pressure drop even further and ensures strength and rigidity over 6250 Pa even when wet.

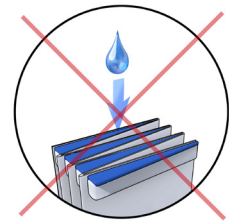
With the uninterrupted molded polyurethane gasket permanently fixed to the filter frame, the filter installation is simplified and the risk for filter leakage is limited. The new and improved filter geometry reduces the construction pressure drop even further.

#### High humidity conditions

The vertical pleats and open separators allow trapped water to drain freely from the filter during operation, thus avoiding re-entrainment of dissolved impurities and maintaining low pressure drop under high humidity conditions. The new frame has a unique draining system where water is immediately separated from the media and drained out through special drainage channels. These channels are without contact with the media and thus minimizing the risk of getting water to slowly migrate through the media.



Camfil's unique open hot melt separator design



Industry standard closed hot melt separators

#### Reduced shutdowns

This level of protection prevents pressure spikes and unplanned downtime from offline water washes. It also prevents hot corrosion that increases heat rate and robs your engines of power. And with a longer filter life, you can plan your filter changes to match up with regular maintenance intervals.

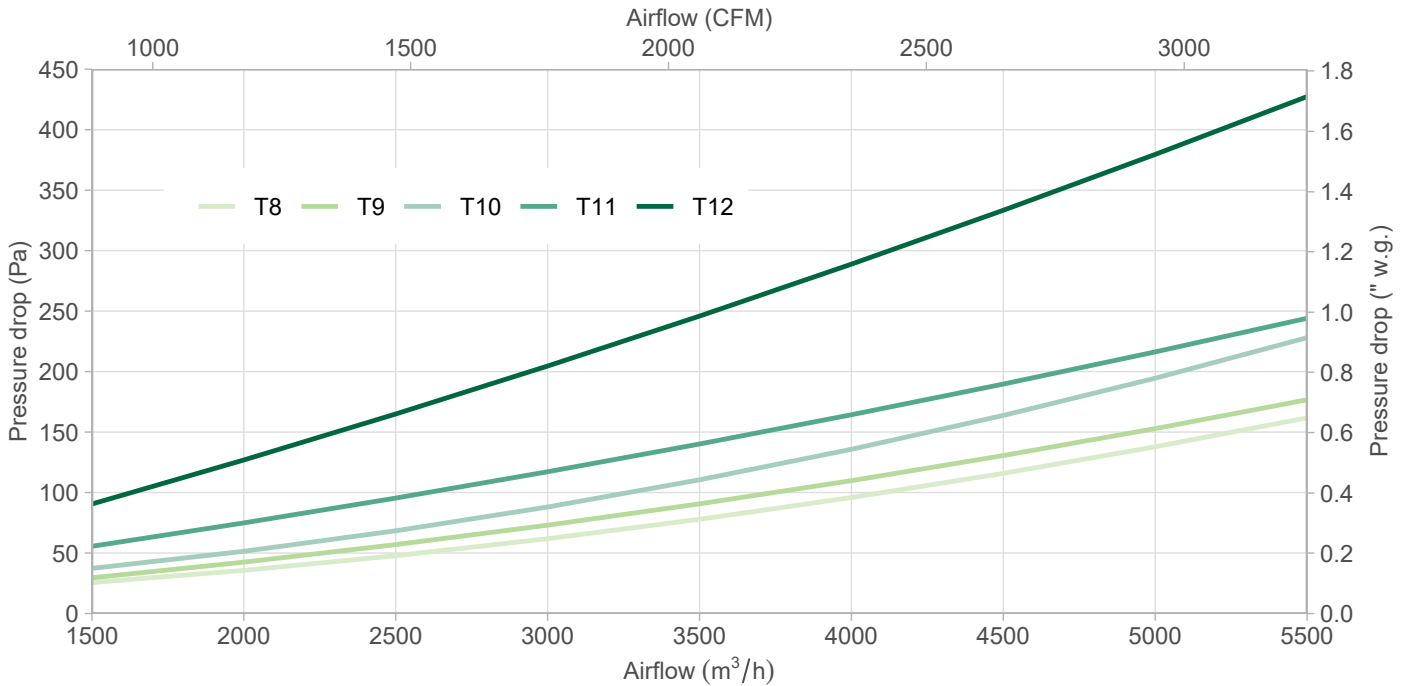
The Cam GT range includes the high performing T10, T11, and T12 versions. They all offer considerable improvements in engine protection, resulting in lower engine degradation and prolonged service intervals without need of shutdowns for compressor cleaning.

Each filter grade is individually optimized for lowest pressure drop and maximum life.

#### Key features:

- Ensures water drainage
- High filtration efficiency
- Low pressure drop also in wet conditions
- Resistant to turbulence and extreme pressure drop
- Easy mounting
- Meets the industry's latest and most stringent standards
- Water resistant media

## Pressure drop



## Technical data

Model	WxHxD		Shipping data		Air flow/Press. loss		Filter class ISO 29461-1:2021
	mm	inch	m³ / ft³	kg / lb	m³ / h / Pa	CFM / \"wg	
CamGT 3V-440 T8	592x592x440	23.3x23.3x17.3	0.17/ 5.9	12/26.5	4250/105	2500/0.42	T8
CamGT 3V-440 T9	592x592x440	23.3x23.3x17.3	0.17/5.9	12/26.5	4250/120	2500/0.48	T9
CamGT 3V-440 T10	592x592x440	23.3x23.3x17.3	0.17/5.9	12/26.5	4250/155	2500/0.62	T10
CamGT 3V-440 T11	592x592x440	23.3x23.3x17.3	0.17/5.9	12/26.5	4250/175	2500/0.70	T11
CamGT 3V-440 T12	592x592x440	23.3x23.3x17.3	0.17/5.9	12/26.5	4250/310	2500/1.25	T12

<b>Type</b>	Compact pleated filter	<b>Header</b>	Available in 20mm and 25mm
<b>Frame</b>	Injection moulded plastic	<b>Rec. temperature</b>	70°C/158°F max. operating temp.
<b>Media</b>	Pleated water resistant glass fiber	<b>Burst strength</b>	>6 250 Pa continuous wet/soaked
<b>Separators</b>	Hot melt	<b>Nominal airflow</b>	4 250 m³ / h
<b>Gasket</b>	Continuous PU foam	<b>Maximum airflow</b>	1.5 x nominal airflow
<b>Seal</b>	Polyurethane double sealing system	<b>Efficiency standards</b>	ISO 29461-1:2021

<b>Model variations available</b>	<ul style="list-style-type: none"> <li>• CamBrane (composite membrane media)</li> <li>• Reverse flow with powder-coated metallic support grid</li> <li>• Additional media grades upon request</li> </ul>
-----------------------------------	--

Camfil Power Systems