

# TurboBoost Performance

Boost **power** | Boost **uptime** | Boost **profits**

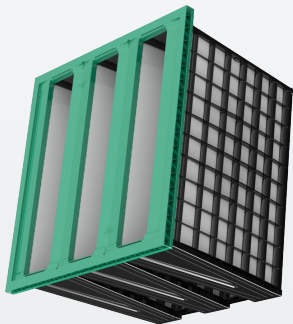


Optimized GT filtration solutions for extreme conditions

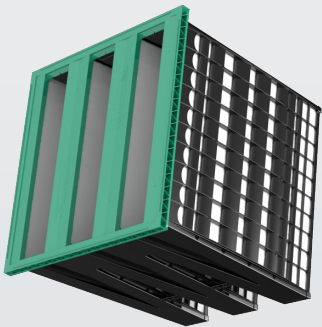
Now 3 models!

Match your optimal filter change interval. You can increase filtration efficiency without compromising on pressure drop or filter life.

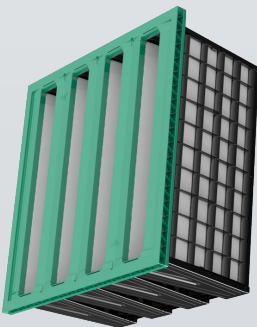
New! CamGT 3V-440



Flagship! CamGT 3V-600



Best seller! CamGT 4V-300



TurboBoost performance

The CamGT's EPA efficiency, low and stable pressure drop (dP) as well as hydrophobic filter features will boost the performance of your turbomachinery to deliver more power, more uptime and ultimately more profits.

Boost power	Boost uptime	Boost profits
– Eliminate degradation	– Increased engine part life	– Higher engine efficiency
– Lower operating pressure drop	– Less offline water washes	– Reduced operating costs
– Improved operating efficiency	– Fewer filter changes	– Improve sustainability

**Improved filter geometry**  
New patented geometry creates a more open front face, reducing flow restriction. This new feature results in even **lower pressure drop**, increasing your profitability with every MWh produced and reducing CO<sub>2</sub> intensity.

**Wet burst pressure >6 250 Pa**  
The one-piece rigid front frame **ensures strength** and sealing performance.

**Patented drainage vanes**  
Drainage vanes allow trapped water to drain freely once stopped by the filter, **eliminating spikes in pressure drop** and the risk of water re-entrainment.

**Patented double sealing**  
All sides are sealed, including a 2-step process for the open side of the media pack, **removing risk of by-pass**.

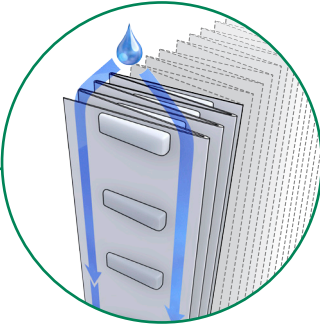
EPA efficiency optimised for low dP

Our filters are the best performing EPA filters on the market, reducing fouling, CO<sub>2</sub>, corrosion and unplanned downtime. Check out **the new filter Value Rating label** to get a good correlation to the actual impact on your turbine, and compare!



**100% mechanical efficiency**  
Unlike many artificially charged filters, **these filters uphold their efficiency in real life** as they do not rely on a temporary electrostatic charge.

**Vertical pleating with interrupted glue-beads**  
The original CamGT feature proven over thousands of installations, **ensures water drains efficiently**, avoiding risk of pressure drop rise or pack bursting.



**High dust holding capacity**  
Each media grade is optimized to offer **the best initial pressure drop** and dust holding capacity to minimise average pressure drop.

**Patented aerodynamic grid**  
The grid orientation and exit wing has been specially designed to redirect exiting air to **reduce turbulence and reduce pressure drop** further.

Advanced hydrophobic media

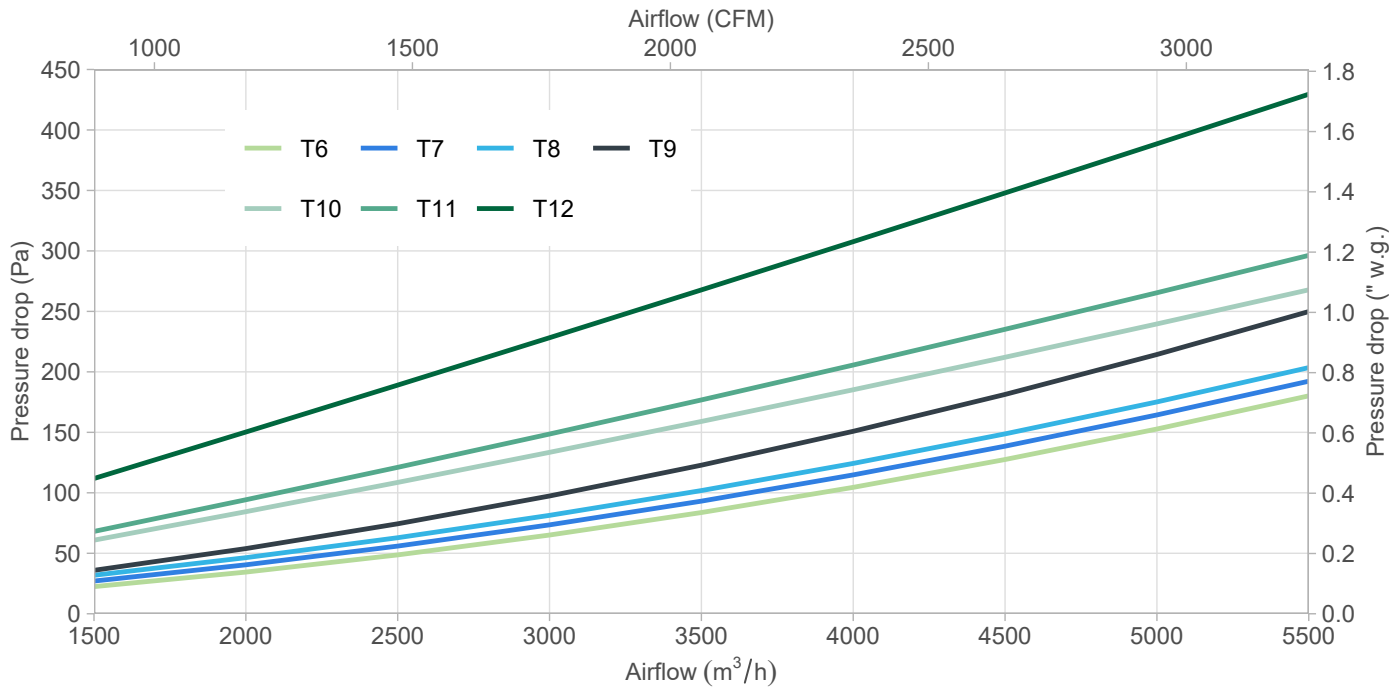
Engineered to excel in extreme environments where turbomachinery are threatened by high humidity, salt-laden air, heavy pollution and fine particulates, the CamGT eliminates the risk of water bypass, reducing corrosion and degradation.

We have installed thousands of CamGT filters globally based on this proven technology – some with more than 40 000 hours of safe operation time.



# CamGT 4V-300 performance data

## Pressure drop



## Technical data

Model	WxHxD		Shipping data		Air flow/Press. loss		Filter class
	mm	inch	m³ / ft³	kg / lb	m³ / h / Pa	CFM / \"wg	
CamGT 4V-300 T6	592x592x300	23.3x23.3x11.8	0.13/4.4	8.0/17.6	4250/120	2500/0.48	T6
CamGT 4V-300 T7	592x592x300	23.3x23.3x11.8	0.13/4.4	8.0/17.6	4250/130	2500/0.52	T7
CamGT 4V-300 T8	592x592x300	23.3x23.3x11.8	0.13/4.4	8.0/17.6	4250/140	2500/0.56	T8
CamGT 4V-300 T9	592x592x300	23.3x23.3x11.8	0.13/4.4	8.0/17.6	4250/165	2500/0.66	T9
CamGT 4V-300 T10	592x592x300	23.3x23.3x11.8	0.13/4.4	8.5/18.7	4250/200	2500/0.80	T10
CamGT 4V-300 T11	592x592x300	23.3x23.3x11.8	0.13/4.4	8.5/18.7	4250/225	2500/0.90	T11
CamGT 4V-300 T12	592x592x300	23.3x23.3x11.8	0.13/4.4	9.0/19.8	3400/260	2000/1.04	T12

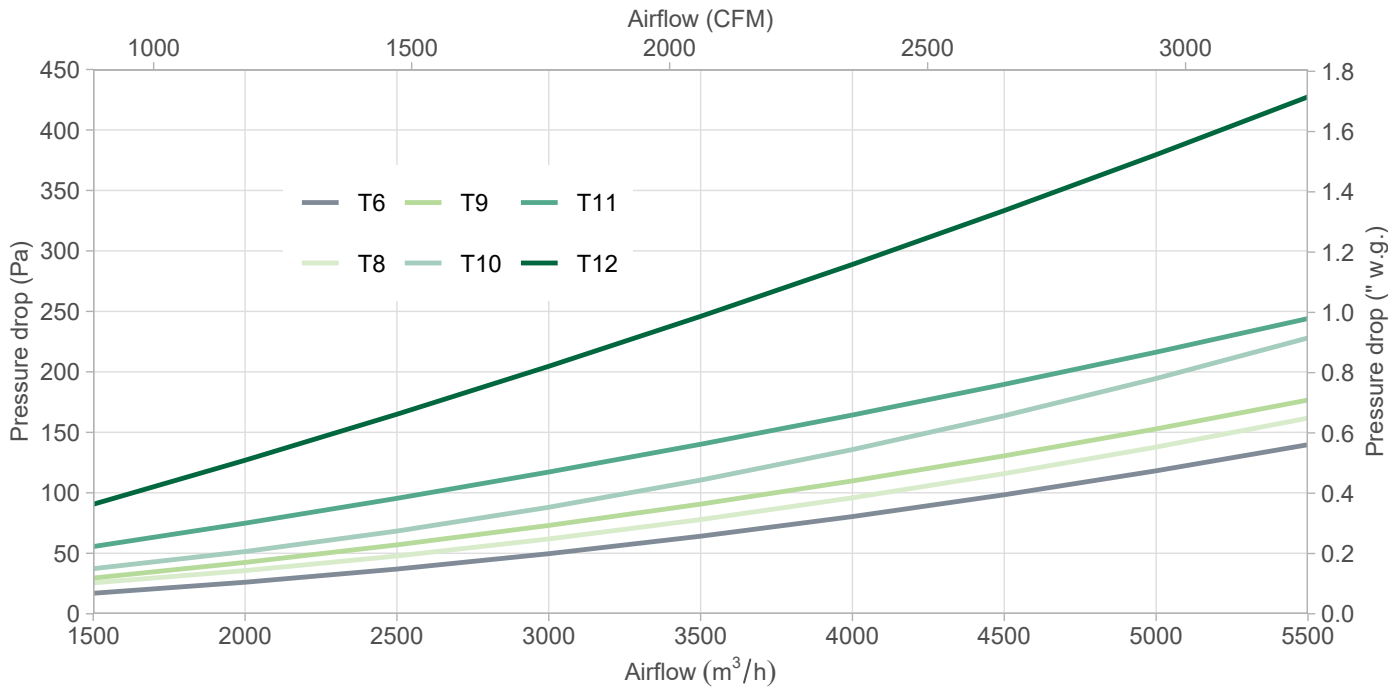
Type	Compact pleated filter	Header	Available in 20mm and 25mm
Frame	Injection moulded plastic	Rec. temperature	70°C/158°F max. operating temp.
Media	Pleated water resistant glass fiber	Burst strength	>6 250 Pa continuous wet/soaked
Separators	Hot melt	Nominal airflow	4 250 m³ / h
Gasket	Continuous PU foam	Maximum airflow	1.3 x nominal airflow
Seal	Polyurethane double sealing system	Efficiency standards	ISO 29461-1:2021

Model variations available	<div><div><ul style="list-style-type: none"><li>CamBrane (composite membrane media)</li><li>Reverse flow</li><li>Additional media grades upon request</li></ul></div><div><ul style="list-style-type: none"><li>Half-size</li><li>XL (extra media area 26sqm)</li></ul></div></div>
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# CamGT 3V-440 performance data

## Pressure drop



## Technical data

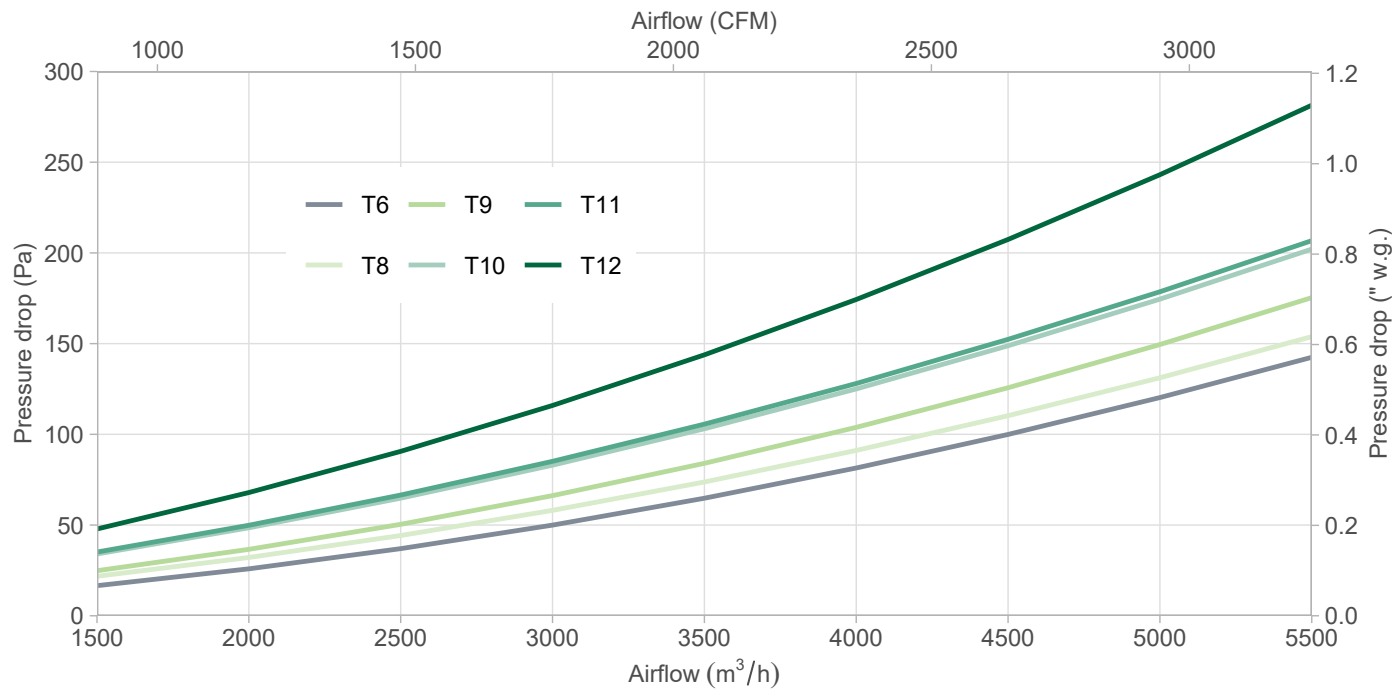
Model	WxHxD		Shipping data		Air flow/Press. loss		Filter class
	mm	inch	m³ / ft³	kg / lb	m³ / h / Pa	CFM / \"wg	
CamGT 3V-440 T6	592x592x440	23.3x23.3x17.3	0.17/5.9	12/26.5	4250/95	2500/0.38	T6
CamGT 3V-440 T8	592x592x440	23.3x23.3x17.3	0.17/ 5.9	12/26.5	4250/105	2500/0.42	T8
CamGT 3V-440 T9	592x592x440	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

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

Model variations available	<div><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></div>
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# CamGT 3V-600 performance data

## Pressure drop



## Technical data

Model	WxHxD		Shipping data		Air flow/Press. loss		Filter class
	mm	inch	m³ / ft³	kg / lb	m³ / h / Pa	CFM / "wg	
CamGT 3V-600 T6	592×592×600	23.3×23.3×23.7	0.22/7.8	15/33	4250/90	2500/0.36	T6
CamGT 3V-600 T8	592×592×600	23.3×23.3×23.7	0.22/7.8	15/33	4250/95	2500/0.38	T8
CamGT 3V-600 T9	592×592×600	23.3×23.3×23.7	0.22/7.8	15/33	4250/115	2500/0.46	T9
CamGT 3V-600 T10	592×592×600	23.3×23.3×23.7	0.22/7.8	16/34	4250/135	2500/0.54	T10
CamGT 3V-600 T11	592×592×600	23.3×23.3×23.7	0.22/7.8	16/34	4250/140	2500/0.56	T11
CamGT 3V-600 T12	592×592×600	23.3×23.3×23.7	0.22/7.8	17/35	4250/190	2500/0.76	T12

Type	Compact pleated filter	Header	25 mm
Frame	Injection moulded plastic	Rec. temperature	70°C/158°F max. operating temp.
Media	Glass fiber	Burst strength	>6 250 Pa continuous wet/soaked
Separators	Hot melt	Nominal airflow	4 250 m³ / h
Gasket	Continuous PU foam	Maximum airflow	1.8 x nominal airflow
Seal	Polyurethane double sealing system	Efficiency standards	ISO 29461-1:2021
Model variations available	<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>		

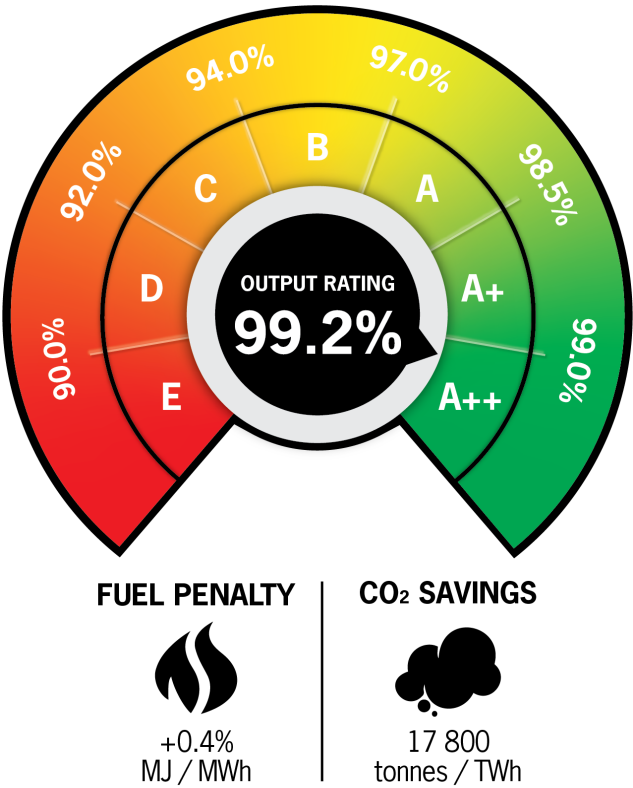
# The Value Rating

The filters you select to protect your gas turbines can have a huge impact on your operations. Low efficiency filters lead to fouling and higher pressure drop that rob your turbines of energy output and cause an increase in fuel consumption and CO<sub>2</sub> emissions. Powered by Camfil, The Value Rating helps gas turbine users easily evaluate the efficiency and quality of gas turbine final filters. Armed with this data, you can quickly compare the impact different filters will have on the performance of your turbines.

The OUTPUT RATING is a projection of the average yearly power output you can expect from your turbines as they will have degraded due to filter pressure drop, as well as fouling caused by particles getting past the filters.

The FUEL PENALTY value indicates how much more fuel you must use to compensate for degradation due to fouling and pressure drop.

The CO<sub>2</sub> SAVINGS index compares how many tonnes of CO<sub>2</sub> you could save per TWh of produced power against a T6 (ISO ePM10) 60% filter – a basic industry-standard entry-level final filter.



Grade	Model	Output rating	Fuel penalty (MJ / MWh)	CO <sub>2</sub> savings (tonnes / TWh)
A++	CamGT 3V-600 T12	99.2%	0.4%	17 800
A++	CamGT 3V-440 T12	99.1%	0.4%	17 700
A++	CamGT 3V-600 T11	99.0%	0.5%	17 400
A++	CamGT 3V-440 T11	99.0%	0.5%	17 300
A+	CamGT 4V-300 T12	98.9%	0.4%	17 500
A+	CamGT 3V-600 T10	98.8%	0.6%	16 900
A+	CamGT 4V-300 T11	98.8%	0.5%	17 200
A+	CamGT 3V-440 T10	98.7%	0.6%	16 900
A	CamGT 4V-300 T10	98.4%	0.7%	16 300
B	CamGT 3V-600 T9	94.8%	2.6%	8 900
B	CamGT 3V-440 T9	94.8%	2.6%	8 900
B	CamGT 4V-300 T9	94.7%	2.6%	8 800
C	CamGT 3V-440 T8	93.8%	3.1%	6 900
C	CamGT 4V-300 T8	93.7%	3.1%	6 800
C	CamGT 3V-600 T8	92.4%	3.8%	4 000
C	CamGT 4V-300 T7	92.3%	3.8%	3 900

Compare filters using [www.TheValueRating.com](http://www.TheValueRating.com)

# Camfil Power Systems

## **Camfil – a global leader in air filters and clean air solutions**

For more than half a century, Camfil has been helping people breathe cleaner air. As a leading manufacturer of premium clean air solutions, we provide commercial and industrial systems for air filtration and air pollution control that improve worker and equipment productivity, minimise energy use and benefit human health and the environment. We firmly believe that the best solutions for our customers are the best solutions for our planet, too. That's why every step of the way – from design to delivery and across the product life cycle – we consider the impact of what we do on people and on the world around us. Through a fresh approach to problem-solving, innovative design, precise process control and a strong customer focus we aim to conserve more, use less and find better ways – so we can all breathe easier.

The Camfil Group is headquartered in Stockholm, Sweden, and has 30 manufacturing sites, 6 R&D centres, local sales offices in 35+ countries and about 5,700 employees and growing. We proudly serve and support customers in a wide variety of industries and in communities across the world. To discover how Camfil can help you protect people, processes and the environment, visit us at [www.camfil.com](http://www.camfil.com).

[www.camfil.com/TurboBoost](http://www.camfil.com/TurboBoost)

For further information please contact your nearest Camfil office.

CAMFIL - Clean Air Made for Improving Life