



Green header for the F/-MERV-series, red for the E & H-series.

To meet industry's increasing demands for performance and power output, Camfil has developed the CamGT 4V-300 gas turbine filter with a solid, airtight frame and a new 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 lowest possible pressure drop.

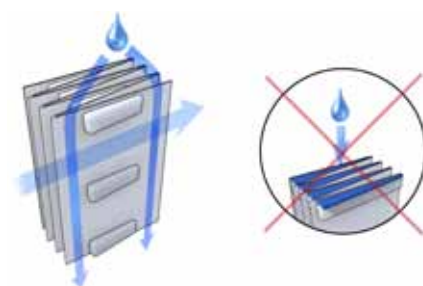
A solid HEPA construction

CamGT's performance is based on Camfil's own construction featuring vertical pleats, hot melt separators and double-sealing design. The filter media packs are bonded to the inner surface of a robust plastic frame that features double sealing to eliminate bypass and withstand the often severe pressure fluctuations encountered in turbo machinery applications.

For additional integrity, an aerodynamic grid is added to air exit sides (burst strength +6250Pa – tested up to 8000Pa continuous). 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.

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

The Cam GT range includes the high performing E10, E11, E12 and H13 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.

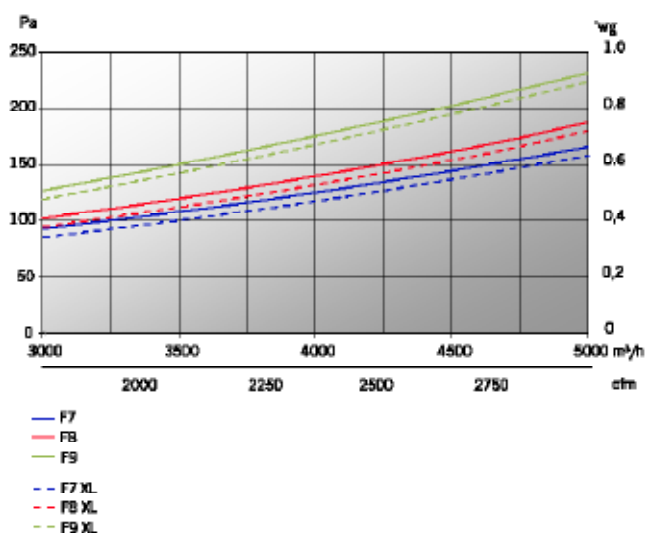
Each filter grade, F7-H13, is individually optimized for lowest pressure drop and maximum life.

Key features:

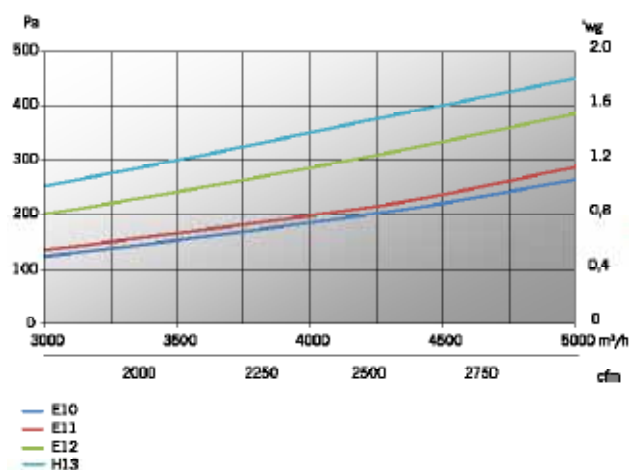
- Ensures water drainage
- High filtration efficiency
- Low pressure drop also in wet conditions
- Resistant to high and extreme pressure drop
- Easy mounting
- Meets the industry's latest and most stringent standards

Pressure drop

CAM GT F-GRADE



CAM GT E-GRADE



Technical data

Model	WxHxD		Frame		Media Area m² / ft²	Air flow/Press. loss		Filter class EN/ASHRAE
	mm	inch	m³/ft³	kg/lb		m³/h/Pa	CFM/"wg	
CamGT-F7	592x592x292	23.1/3x23.1/3x11.1/2	0.11/3.9	9.5/21	19.0 / 204	4250/134	2500/0.53	F7/MERV 13
CamGT-F7 XL	592x592x292	23.1/3x23.1/3x11.1/2	0.11/3.9	9.5/21	26.0 / 280	4250/125	2500/0.50	F7/MERV 13
CamGT-F8	592x592x292	23.1/3x23.1/3x11.1/2	0.11/3.9	9.5/21	19.0 / 204	4250/144	2500/0.58	F8/MERV 14
CamGT-F8 XL	592x592x292	23.1/3x23.1/3x11.1/2	0.11/3.9	9.5/21	26.0 / 280	4250/140	2500/0.56	F8/MERV 14
CamGT-F9	592x592x292	23.1/3x23.1/3x11.1/2	0.11/3.9	9.5/21	19.0 / 204	4250/172	2500/0.69	F9/MERV 15
CamGT-F9 XL	592x592x292	23.1/3x23.1/3x11.1/2	0.11/3.9	9.5/21	26.0 / 280	4250/160	2500/0.64	F9/MERV 15
CamGT-E10	592x592x292	23.1/3x23.1/3x11.1/2	0.11/3.9	9.5/21	29.0 / 312	4250/210	2500/0.84	E10/MERV 16
CamGT-E11	592x592x292	23.1/3x23.1/3x11.1/2	0.11/3.9	9.5/21	29.0 / 312	4250/231	2500/0.93	E11
CamGT-E12	592x592x292	23.1/3x23.1/3x11.1/2	0.11/3.9	10.0/22	30.0 / 323	4250/309	2500/1.24	E12
CamGT-H13	592x592x292	23.1/3x23.1/3x11.1/2	0.11/3.9	10.0/22	30.0 / 323	3400/290	2000/1.16	H13

Type	Compact pleated filter	Rec. temperature	70°C/158°F max. operating temp.
Frame	Injection mounted plastic	Rec. final pressure drop	600 Pa / 2.4" wg
Media	Pleated water resistant glass fiber	Burst strengt	>6 250 Pa continuous wet/soaked
Separators	Hot melt	Efficiency standard	EN779:2012
Gasket	Continious PU foam		ASHRAE 52.2:1999
Seal	Polyurethane double sealing system		EN 1822:2009