

Cam GT

for turbomachinery



Green plastic bars for the F-series, red for the H-series.

The Cam GT is a high-capacity filter for turbo machinery. Due to the unique design its performance is maintained in humid or wet conditions, guaranteeing a long lifetime and a good filter economy.

Its robust heavy duty design combined with high efficiency and low pressure drop, guarantees optimum protection and engine performance under most demanding operating conditions.

The Cam GT is available in a range of efficiencies to meet individual requirements. A large effective filter area assures high capacity, high efficiency and low pressure drop. With the H12 version, Cam GT offers HEPA efficiency resulting in superior engine protection and extended periods of operation without need for shutdowns for cleaning.

Application areas

- air inlets for turbine equipment
- axial reciprocating compressors
- offshore and coastal installations
- installations with recurrent high humidity

Own patented construction

Cam GT's large filter surface is based on Camfil Farr's own construction featuring vertical pleats, hot melt separators and polyurethane seal. The filter media packs are reinforced with a strong backing screen and enclosed in a robust plastic frame to withstand the often severe pressure fluctuations encountered in turbo machinery applications.

With the backing screen and the moulded polyurethane gasket permanently fixed to the filter frame, the filter installation is simplified with limited risk for filter media damage and leakage.

High humidity conditions

Cam GT's construction allows 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.

Superior engine protection

The Cam GT range includes an H10 as well as an H12 version. They both offer considerable improvements in engine protection resulting in lower engine degradation and prolonged service intervals without need of shutdowns for compressor cleaning. The H12 version includes 27% more filter media in order to maintain a low pressure drop also with this extremely high filtration efficiency.

Key features

- offers optimum engine protection
- low pressure drop also in "wet" conditions
- improves overall filter economy
- increases service life
- excellent in damp and humid climates
- ensures water drainage
- heavy duty construction
- easy mounting
- completely incinerable
- high filtration efficiency
- compact
- excellent burst pressure performance

Camfil Farr's gas turbine filters are tested at a third party, in accordance with EN779:2002. Burst pressure tests have been conducted with excellent results.



Camfil Farr	Product sheet
Cam GT	
Camfil Farr Power Systems	

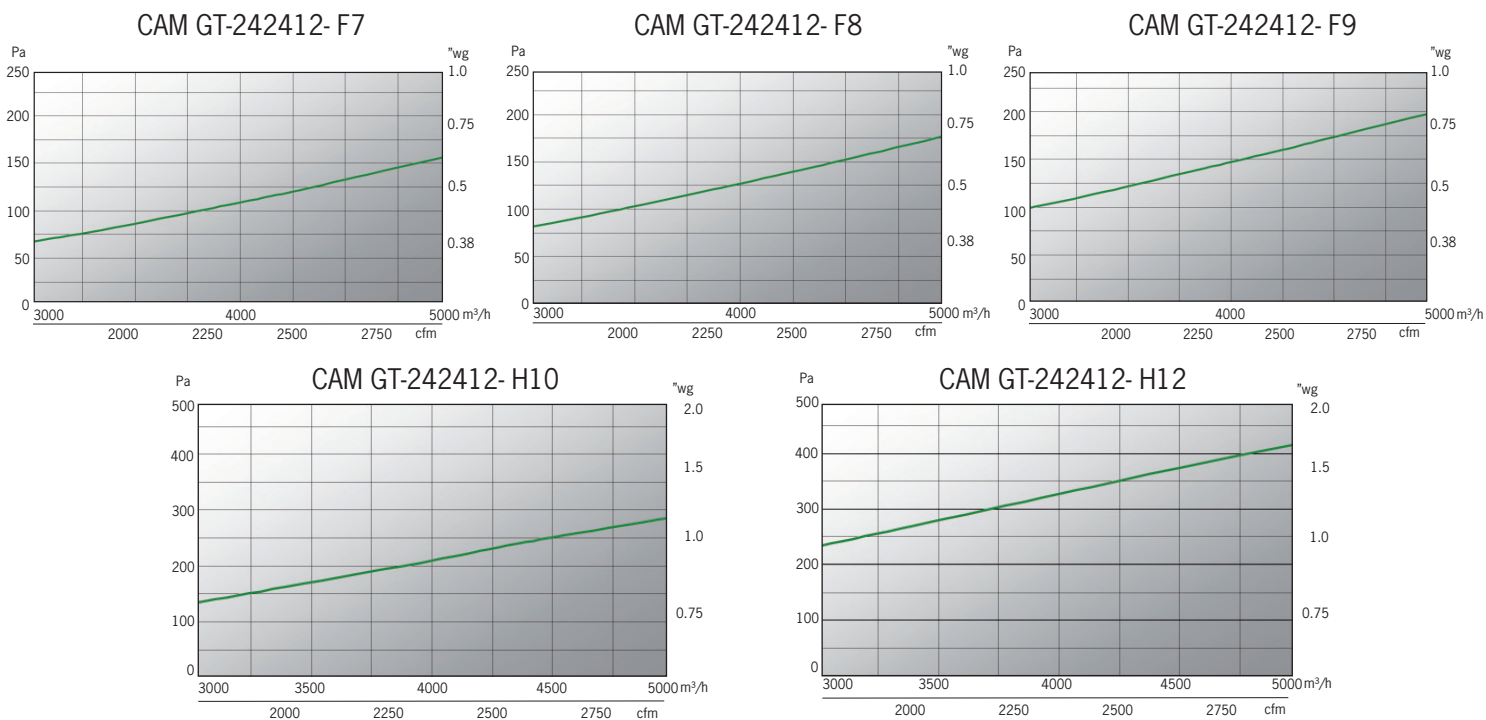
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Model	W×H×D		Media area		Air flow/Pressure loss		Shipping data		Filter class		Dust holding capacity at 450 Pa/1.8 "wg g/lb
	mm	inch	m ²	ft ²	m ³ /h/Pa	CFM/"wg	m ³ /ft ³	kg/lb	EN 779/ EN 1822	MERV	
Cam GT-242412- F7	592×592×292	23.3×23.3×11.4	19.0	204	4250/120	2500/0.48	0.11/3.9	7/15.4	F7	MERV 13	425/0.94
Cam GT-242412- F8	592×592×292	23.3×23.3×11.4	19.0	204	4250/145	2500/0.57	0.11/3.9	7/15.4	F8	MERV 14	415/0.92
Cam GT-242412- F9	592×592×292	23.3×23.3×11.4	19.0	204	4250/160	2500/0.64	0.11/3.9	7/15.4	F9	MERV 15	355/0.78
Cam GT-242412- H10	592×592×292	23.3×23.3×11.4	19.0	204	4250/230	2500/0.92	0.11/3.9	7/15.4	H10*		
Cam GT-242412- H12	592×592×292	23.3×23.3×11.4	24.0	258	3400/270	2500/1.57	0.11/3.9	7/15.4	H12*		

The CamGT is available in half size filters on request. Also available as XL [24 m²] and Reverse flow version as option.

Pressure drop



Specifications

Type	High efficiency, incinerable, compact	Class EN 779: 2002	F7, F8, F9
Frame	Polypropylene	Class EN 1822	H10, H12
Media	Glass fiber media	ASHRAE 52.2	MERV 13, 14, 15
Separators	Hot melt	Dust holding capacity	ASHRAE dust
Seal	Polyurethane	Recommended final pressure drop	600 Pa
Gasket	Polyurethane	Recommended air flow nominal	4250 m ³ /h / 2500 cfm
Temperature	80 °C max. running temp.	Burst strength	>7500 Pa / 30 "wg



www.camfilfarr.com

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