

Engineered Filtration

Systems

FV4XLCG TURBINE FILTER

Description

The EFS FV⁴XLCG is a heavy-duty, high efficiency filter designed with purpose specifically for the Gas Turbine industry. The FV⁴XLCG offers exceptional performance in gas turbines where pulsing or surging may occur.

FV⁴XLCG media is water resistant and can withstand exposure to moisture in the airstream. Depth loading synthetic media ensures a full use of surface area for greater dust holding capacity. Wet-laid glass media also available.

The rigid construction prevents damage to media for longer filter life. The filter element is free of metal parts eliminating the risk of corrosion and punctures. Plastic caged backing for added support and protection.



Optional Mesh Backing
For Added Support
And Protection

Features

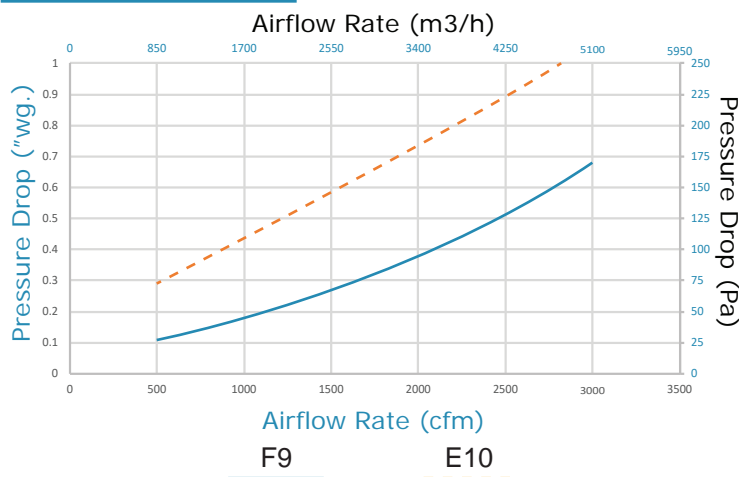
High efficiency, low pressure drop

Sturdy, corrosion-proof construction w/ large surface area

Reduces turbine wear and compressor fouling associated power loss

Stops penetration of particles and dissolved salts

Resistance Curve



*Also available in Synthetic Media

Filter Media	Micro-Glass Fiber*
Filter Frame	Plastic
Protection Screen	Plastic
Adhesive	Polyurethane
Gasket	Polyurethane

Width	23.31" (592mm)
Height	23.31" (592mm)
Depth	11.50" (292mm); Surface Area 208 ft ² 15.75" (400mm); Surface Area 294 ft ²

Efficiency	MERV 16 per 52.2 F8XLCG – MERV 15/F9 E10XLCG – E10 F9 per EN779
Rated Airflow	2500 cfm
Initial P.D.	F9XLCG 0.41" w.g. @ 2000 cfm (100 Pa @ 3400 m ³ /h) 0.51" w.g. @ 2500 cfm (127 Pa @ 4250 m ³ /h) E10XLCG 0.52" w.g. @ 2000 cfm (130 Pa @ 3400 m ³ /h) 0.65" w.g. @ 2500 cfm (162 Pa @ 4250 m ³ /h)
EN779 Eff (0.4µm)	F9-84%
Final P.D.	4.00" w.g. (1000 Pa)
Burst Strength	>25" w.g. (6, 25 Pa)
Dust Holding Cap.	1360 grams
Flame Retardant	UL 900

FV4

For your nearest dealer call:
1.800.796.4EFS (4337)
EngineeredFiltrationSystems.com

Engineered Filtration Systems FV4XLCG TURBINE BARRIER FILTER