



# PROTECTING PERFORMANCE

## EFiCELL PRE-FILTER

*EFiCELL Pre-Filters are designed to ensure high capacity filtration when available space is limited or processed air flow is high.*

*The Snap-On design allows operation in combination with EFiCELL or MAGNUM final filters.*

EFiCELL pre-filters have been developed specifically for demanding processes, adverse environmental conditions and extreme volume flows.

EFiCELL pre-filters are the best solution in protecting a gas turbine when located by river or sea; where the relative humidity is high; when the environment is dirty or foggy and rainy.

The latest evolution of the filtration material offers high operational capacity, high mechanical strength, total resistance to moisture and low pressure drop.

Eagle Filters' progressive filtration material together with the aerodynamic design enables effective coalescing effect. EFiCELL pre-filters have a proven record of a long service life and high efficiency at several gas turbine power plants in the most demanding environmental conditions.



<u>Parameter</u>	<u>EFiCELL G4</u>	<u>EFiCELL F5</u>
Dimensions	592*592*292	592*592*292
Material	Polyester	Polyester
Filter area	8 m <sup>2</sup>	8 m <sup>2</sup>
Electrostatic charge	No	No
Filter class (EN779)	G4	F5
Initial pressure drop@3400 m3/h	38 Pa	45 Pa
Arrestance	>90%	>95%
Average Efficiency@ 0,4 mm	-	48%
Burst pressure	>5000 Pa	>5000 Pa
Max temperature	80 °C	80 °C

DISCLAIMER: The information supplied in this document is for guidance only and should not be construed as warranty. All users of the filters are responsible for assuring that it is suitable for their needs environment and end use. All data is subjected to change as Eagle Filters Oy deems appropriate. Please visit [www.eaglefilters.fi](http://www.eaglefilters.fi) for contact information.