



PROTECTING PERFORMANCE

MAGNUM EPA



Magnum EPA-class compact cell air filters are rigid and water repellent high capacity air filters developed to upgrade F-class filtration. The new frame design allows operation with high volume flows with optimised pressure drop.

EFiCELL Magnum enables, thanks to Revolutionary filter material, the use of much higher filtration class in the existing filter house without any changes in flow characteristics.

These air filters have been developed specifically for demanding processes, adverse environmental conditions and extreme volume flows. EFiCELL Magnum filters are the best solution in protecting a gas turbine when located by rivers or sea; where the relative humidity is high; when the environment is dirty or foggy and rainy.

New micro glassfibre material ensures high initial efficiency, high bursting pressure, total resistance to moisture, low pressure drop and long serviceable life. Eagle Filters' material has been developed without compromises, keeping in mind the demanding operation environment present in Gas Turbine applications.

Magnum filters are also available in filter classes F7, F8 and F9.

<u>Parameter</u>	<u>MAGNUM E10</u>	<u>MAGNUM E11</u>	<u>MAGNUM E12</u>
Dimensions	592x592x600	592x592x600	592x592x600
Filter area	32 m ²	32 m ²	32 m ²
Electrostatic charge	No	No	No
Filter class (EN1822)	E10	E11	E12
Initial pressure drop@3400 m ³ /h	108 Pa	145 Pa	195 Pa
Initial Efficiency @ MPPS	>90%	>95%	>99,5%
Burst pressure	>3000 Pa	>3000 Pa	>3000 Pa
Max temperature	80 °C	80 °C	80 °C
Water Repellency mmWG	>900	>900	>1000

DISCLAIMER: The information supplied in this document is for guidance only and should not 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 for contact information.