



PROTECTING PERFORMANCE

EFiCELL E10-H13

EPA Class Compact Cell Air Filters EFiCELL E10-H13

Eagle Filters produce EPA Class Compact Cell filters for use in gas turbine applications in four classes from E10 to H13. These filters utilize EFiCELL –type polystyrol plastic frames and minipleat technology.

These air filters have been developed specifically for demanding processes and adverse environmental conditions. EPA Class Compact Cell filters, as a final stage of filtration, are the best solution in protecting a gas turbine when located by rivers or sea; when the relative humidity is high; when the environment is dirty or foggy and rainy. This ensures high purity of incoming air and a very high level of cleanliness.



The material of these EPA class filters is micro glass fiber highly reinforced with synthetic fibers and with water repellent treatment.

Filtration area of the EFiCELL compact cells is available from 18 m² to 24 m² (normal model) and model 'Magnum' even up to 36 m². The decision to use these filters is dependent on the environment and the amount of incoming air.

<u>Parameter</u>	<u>EFiCELL E10</u>	<u>EFiCELL E11</u>	<u>EFiCELL E12</u>	<u>EFiCELL H13</u>
Filter class (EN1822)	E10	E11	E12	H13
Initial ΔP@2900 m3/h	110 Pa	150 Pa	245 Pa	280 Pa
Arrestance	100%	100%	100%	100%
Initial Efficiency @ MPPS	>90%	>95%	>99,5%	>99,95%
Burst pressure	>2500 Pa	>2500 Pa	>2500 Pa	>2500 Pa
Max temperature	80 °C	80 °C	80 °C	80 °C
Water Repellency mmWG	>900	>900	>1000	>1100

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.