

UltraCell HEPA



www.airfilt.com



UltraCell HEPA Filter for use in gas turbine applications in four classes from H10 to H13. These filters utilise **UltraCell** type polystyrol plastic frames and minipleat technology.

These air filters have been developed specifically for demanding processes and adverse environmental conditions.

UltraCell HEPA Filter, 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.

The frame of the filters can be fabricated in polystyrol, steel or stainless steel.

| Parameter | UltraCell H10 | UltraCell H11 | UltraCell H12 | UltraCell H13 |
|--------------------------------------|-----------------------|---------------|---------------|---------------|
| Dimensions (W x H) | 592 mm x 592 mm | | | |
| Depth | 292 mm | | | |
| Filter media | Synthetic / Glass Mix | | | |
| Filter area | 21 m ² | | | |
| Electrostatic charge | No | | | |
| Filter class (EN 1822) | H10 | H11 | H12 | H13 |
| Initial ΔP @ 2.900 m ³ /h | 125 Pa | 150 Pa | 245 Pa | 280 Pa |
| Initial Efficiency @ 0,3 μm | > 85 % | > 95 % | > 99,5 % | > 99,95 % |
| Quality control | Leak test | | | |
| Burst pressure | > 3.000 Pa | | | |
| Max Temperature | 80 °C | | | |
| Water Repellency | > 9.000 Pa | | | |

- Schutzvermerk nach ISO 16016 – Protection notice as per ISO 16016 -