

# UltraMag



www.airfilt.com



**UltraMag** Filter have been developed specifically for demanding processes, adverse environmental conditions and extreme volume flows. **UltraMag** Filter 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.

The new synthetic filter media offers high initial efficiency, high bursting pressure, total resistance to moisture, low pressure drop and high dust holding capacity.

AirFilt's nanofiber filter media has been developed to provide a higher average initial filtration efficiency than highly electrostatic charged traditional synthetic filter media.

This highly advanced filter media is comparable to glass fibre media with conventional filtration efficiency up to class F9.

**UltraMag** Filter are made of nanofibre filter media and developed for high air flows up to 5.350 m<sup>3</sup>/h.

The new frame design allows operation with high air flows with optimised pressure drop.

Parameter	UltraMag F7	UltraMag F8	UltraMag F9
Dimensions (W x H)	592 mm x 592 mm		
Depth	450 mm or 600mm		
Filter media	Synthetic		
Filter area	32 m <sup>2</sup> or 40 m <sup>2</sup>		
Electrostatic charge	No		
Filter class (EN779)	F7	F8	F9
Initial $\Delta P$ @ 5.350 m <sup>3</sup> /h	121 Pa	134 Pa	155 Pa
Average Efficiency @ 0,4 $\mu m$	87 %	92 %	97 %
Burst pressure	> 5.000 Pa		
Max. Temperature	80 °C		

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