

UltraCell M6 - F9



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

UltraCell 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.

The new nano fiber media offers high initial efficiency, high bursting pressure, total resistance to moisture, low pressure drop and high dust holding capacity. AirFilt's filter media has been developed to provide a higher average initial filtration efficiency than highly electrostatic charged traditional synthetic filter media.

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

The filter frames can be fabricated in polystyrol, steel or stainless steel.

Parameter	UltraCell-M6	UltraCell-F7	UltraCell-F8	UltraCell-F9
Dimensions (W x H)	592mm x 592mm			
Depth	292mm			
Filter media	Synthetic			
Filter area	19 m ²			
Electrostatic charge	No			
Filter class (EN779)	M6	F7	F8	F9
Initial pressure drop @ 3.400 m ³ /h	59 Pa	65 Pa	72 Pa	77 Pa
Average Efficiency @ 0,4 µm	75 %	82 %	92 %	98 %
Dust holding capacity @ 450 Pa	688 g	664 g	636 g	544 g
Dust holding capacity (AC FINE)	2.350 g	2.270 g	2.170 g	1.860 g
Burst pressure	> 5.000 Pa			
Max Temperature	80 °C			
Frame Material	Polystyrol			

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

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