

# UltraPanel

**AirFilt**  
Filtertechnik

www.airfilt.com



**UltraPanel** Filter are comparable to the dust holding capacity of conventional pocket filters, is small in size, has a rigid construction and is unaffected by turbulence. In addition, the filter media can be treated with a waterproof layer that prevents water droplets passing through the filter.

UltraPanel filter are available in two grades, G4 and M5. The filter media is a non-woven, self-supporting, depth loading synthetic media, which is pleated and supported with spacing combs. The pleats are glued to a polystyrol frame with polyurethane potting. The filter media is fabricated especially according to specifications, which gives optimum filtration capabilities, high dust holding capacity, low initial pressure drop and rigid pleating. In both G4 and M5, the media can be water repellant to prevent airborne droplets (and in the case of pre filter, coalesced droplets) passing through the filter media. In this way the main filters can be protected against water generating pressure drop rise and mechanical stress.

Parameter	UltraPanel G4	UltraPanel M5	UltraPanel-S G4	UltraPanel-S M5
Dimensions (W x H x D)	592mm x 592mm		592mm x 592mm	
Depth	98mm		135mm	
Filter media	Synthetic			
Filter area	2,0 m <sup>2</sup>		4 m <sup>2</sup>	
Electrostatic charge	No			
Filter class (EN779)	G4	M5	G4	M5
Initial pressure drop @ 3.400 m <sup>3</sup> /h	70 Pa	74 Pa	42 Pa	49 Pa
Arrestance	> 90 %	-	> 90 %	-
Average Efficiency @ 0,4 µm	-	45 %	-	48 %
Dust holding capacity @ 250 Pa	475 g	-	745 g	-
Dust holding capacity @ 450 Pa	-	410 g	-	610 g
Burst pressure	> 5.000 Pa			
Max Temperature	80 °C			
Frame Material	Polystyrol			

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