

## cardboard filters



# UltraKart

ISO 16890 Class: ISO Coarse 50%,  
ISO Coarse 80%, ePM10 50%

\*Final pressure drop derived from  
the filter test standard: 200 Pa

EN 779:2012 Class: G3, G4, M5

\*Final pressure drop derived from  
the filter test standard: 250 Pa

Average filtration rate ( $A_m$ ): >90%

Efficiency: >25%<35%  
>45%<55%

Max. operating temperature: 80°C

Permissible relative humidity: <80%

**Filtration material:** innovative pleated synthetic material.

**Casing:** foil-coated waterproof cardboard.

Optionally, the filters come in a galvanized steel or plastic frame (50 mm and 100 mm thick).

**Application:** due to their high efficiency at low pressure drops, the filters can be used in offices, schools, theaters, hospitals, swimming pools, shopping malls, hotels, paint shops, food processing, pharmaceutical and machinery industries.

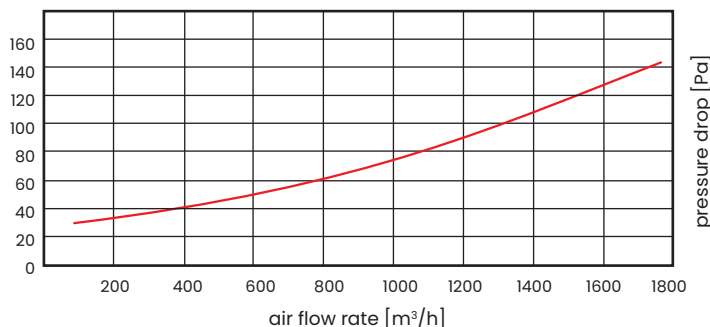
\* The final operating pressure drop of the filters should be checked in the technical documentation or consulted with the manufacturer of the equipment being operated.

Product	Dimensions [mm]			Filtration Area [m <sup>2</sup> ]	Air Flow Rate [m <sup>3</sup> /h]	Initial Pressure Drop [Pa]		
	W	H	D			G3/ISO Coarse 50%	G4/ISO Coarse 80%	M5/ePM10 50%
UltraKart	287	287	48	0,2	850	40	65	90
	287	287	96	0,3	1000	50	75	95
	287	592	48	0,42	1700	40	65	90
	287	592	96	0,61	2100	50	75	95
	490	592	48	0,73	2800	40	65	90
	490	592	96	1,04	3400	50	75	95
	592	592	48	0,88	3400	40	65	90
	592	592	96	1,26	3400	40	55	80

We reserve the right to make changes to the technical specifications at any time without prior notice, resulting from the continuous improvement of our products.

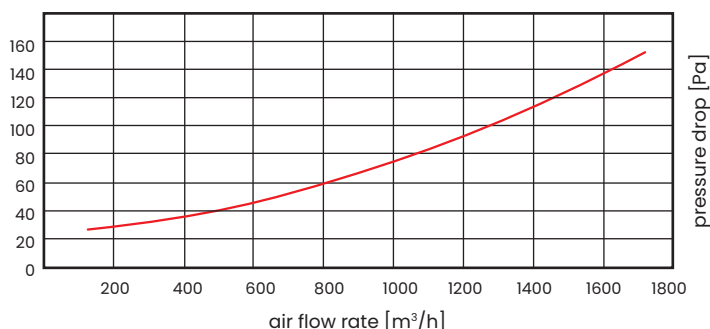
UltraKart size 287 287 96 (11 11 4")

Size [mm]	292 x 287 x 96	Front area [m <sup>2</sup> ] 0,0823
Size [in]	11 x 11 x 4	
Class	ISO Coarse 80%	
Air Flow Rate [m <sup>3</sup> /h]	1000 at the initial resistance of a clean filter 75 Pa	



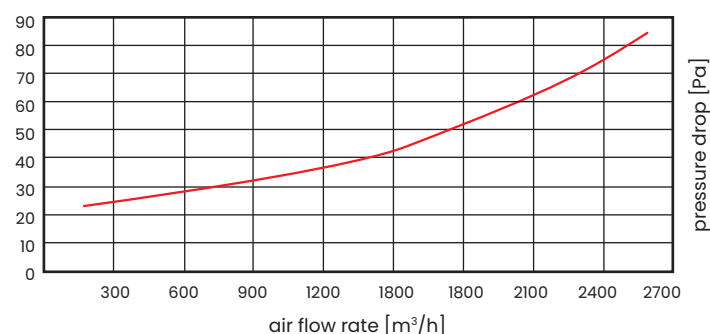
UltraKart size 292 287 48 (11 11 2")

Size [mm]	292 x 287 x 48	Front area [m <sup>2</sup> ] 0,0823
Size [in]	11 x 11 x 2	
Class	ISO Coarse 80%	
Air Flow Rate [m <sup>3</sup> /h]	850 at the initial resistance of a clean filter 65 Pa	



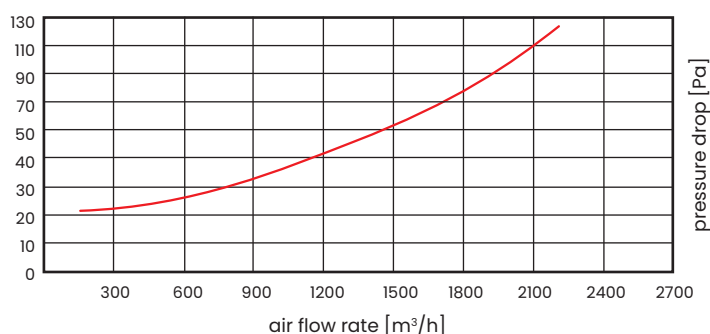
UltraKart size 287 592 96 (11 23 4")

Size [mm]	287 x 592 x 96	Front area [m <sup>2</sup> ] 0,1699
Size [in]	11 x 23 x 4	
Class	ISO Coarse 80%	
Air Flow Rate [m <sup>3</sup> /h]	2100 at the initial resistance of a clean filter 65 Pa	



UltraKart size 287 592 48 (11 23 2")

Size [mm]	287 x 592 x 48	Front area [m <sup>2</sup> ] 0,1699
Size [in]	11 x 23 x 2	
Class	ISO Coarse 80%	
Air Flow Rate [m <sup>3</sup> /h]	1700 at the initial resistance of a clean filter 75 Pa	

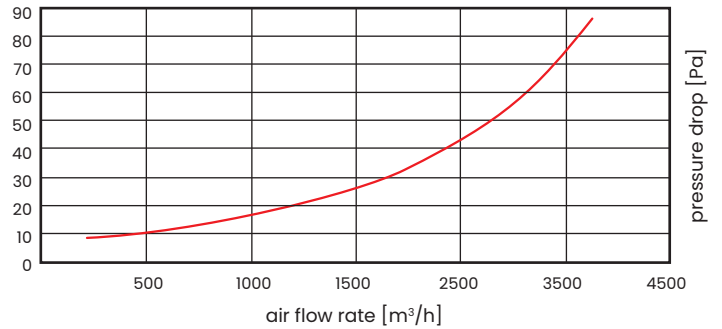


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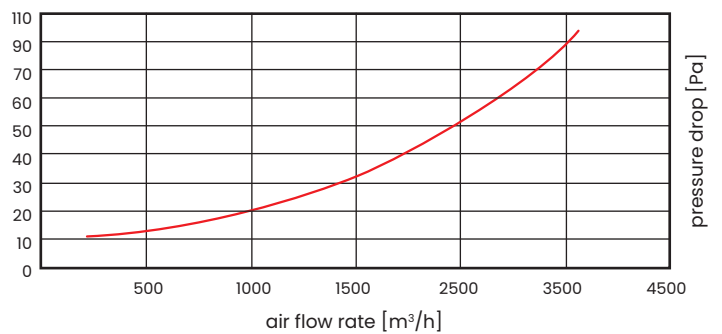
### UltraKart size 490 592 96 (19 23 4")

Size [mm]	490 x 592 x 96	Front area [m <sup>2</sup> ] 0,290
Size [in]	19 x 23 x 4	
Class	ISO Coarse 80%	
Air Flow Rate [m <sup>3</sup> /h]	3400 at the initial resistance of a clean filter 75 Pa	



### UltraKart size 490 592 48 (19 23 2")

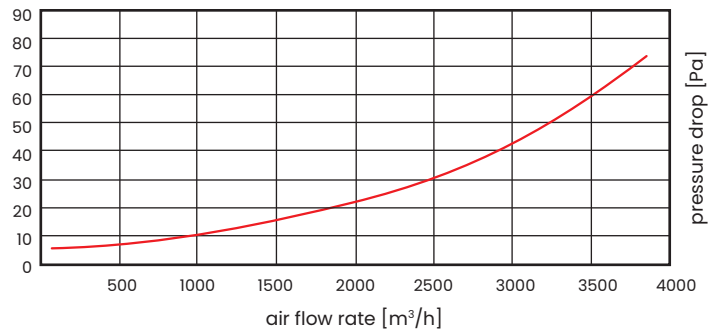
Size [mm]	490 x 592 x 48	Front area [m <sup>2</sup> ] 0,290
Size [in]	19 x 23 x 2	
Class	ISO Coarse 80%	
Air Flow Rate [m <sup>3</sup> /h]	2800 at the initial resistance of a clean filter 65 Pa	



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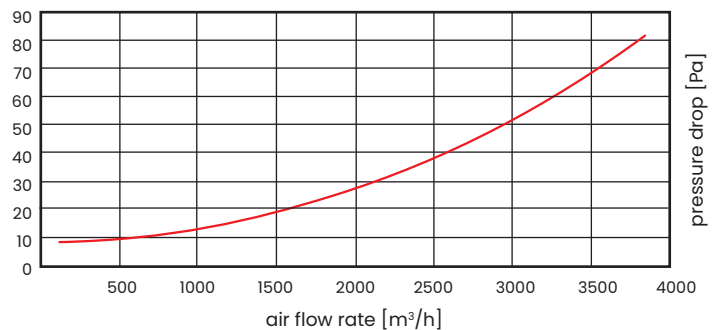
### UltraKart size 592 592 96 (23 23 4")

Size [mm]	592 x 592 x 96	Front area [m <sup>2</sup> ] 0,3505
Size [in]	23 x 23 x 4	
Class	ISO Coarse 80%	
Air Flow Rate [m <sup>3</sup> /h]	3400 at the initial resistance of a clean filter 55 Pa	



### UltraKart size 592 592 48 (23 23 2")

Size [mm]	592 x 592 x 48	Front area [m <sup>2</sup> ] 0,3505
Size [in]	23 x 23 x 2	
Class	ISO Coarse 80%	
Air Flow Rate [m <sup>3</sup> /h]	3400 at the initial resistance of a clean filter 65 Pa	



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