

## cardboard filters

# UltraKart 3G



ISO 16890 Class: ISO Coarse 50%

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

EN 779:2012 Class: G3

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

Average filtration rate ( $A_m$ ): >84,1%

Permissible relative humidity: <80%

**Filtration material:** technology based on thermal bonding of pure, homogeneous and durable glass fibers, progressively built-up (increasing fiber density) to ensure maximum efficiency in removing dust from the air with minimal pressure drop and long filter service life, resulting in low operating and maintenance costs.

**Casing:** the case is made of moisture resistant laminated cardboard

Oiled glass nonwoven, laid flat, glued into a cardboard case.

The filters can also be embedded in a galvanized steel or plastic frame (50 mm or 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.

1. High dust absorbency
2. Low pressure drop
3. Long filter lifespan
4. Low energy costs
5. Resistance to humidity
6. Easy and simple maintenance
7. Standard and custom sizes

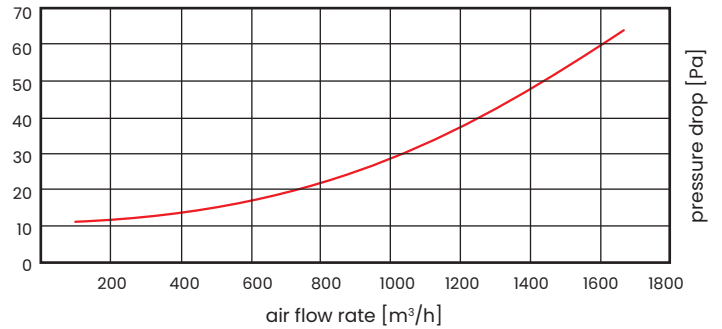
\* The final operating pressure drop of the filters should be checked in the technical documentation or consulted with the manufacturer of the equipment being operated.

Product	Dimensions [mm]			Front 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%
UltraKart3G	287	592	48	0,17	1200	35
	345	496	48	0,17	1150	35
	496	496	48	0,25	1700	35
	592	592	48	0,36	2400	35

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.

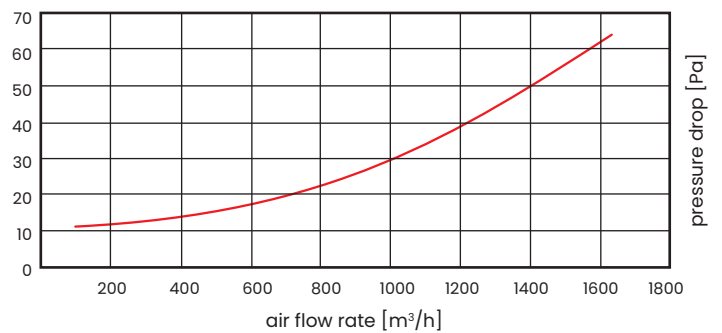
UltraKas 3G size 287 592 48 (11 23 2")

Size [mm]	287 x 592 x 48	Front area [m <sup>2</sup> ] 0,1740
Size [in]	11 x 23 x 2	
Class	ISO Coarse 50%	
Air Flow Rate [m <sup>3</sup> /h]	1200 at the initial resistance of a clean filter 35 Pa	



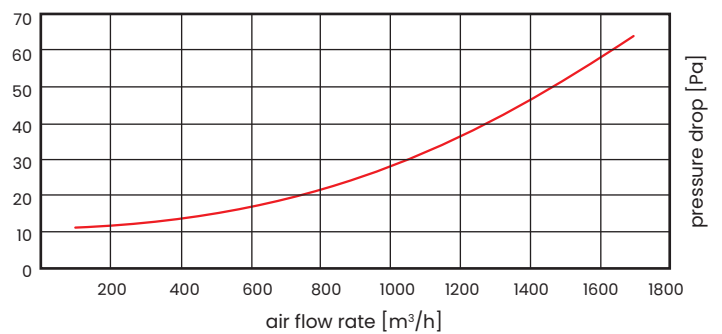
UltraKas 3G size 345 496 48 (14 20 2")

Size [mm]	345 x 496 x 48	Front area [m <sup>2</sup> ] 0,1711
Size [in]	14 x 20 x 2	
Class	ISO Coarse 50%	
Air Flow Rate [m <sup>3</sup> /h]	1150 at the initial resistance of a clean filter 35 Pa	



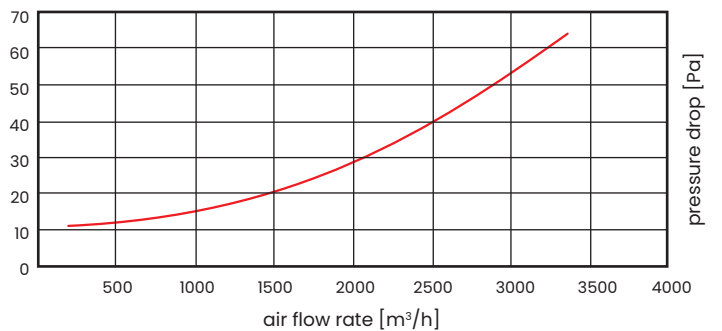
UltraKas 3G size 496 496 48 (20 20 2")

Size [mm]	496 x 496 x 48	Front area [m <sup>2</sup> ] 0,2460
Size [in]	20 x 20 x 2	
Class	ISO Coarse 50%	
Air Flow Rate [m <sup>3</sup> /h]	1700 at the initial resistance of a clean filter 35 Pa	



UltraKas 3G size 592 592 48 (23 23 2")

Size [mm]	592 x 592 x 48	Front area [m <sup>2</sup> ] 0,3552
Size [in]	23 x 23 x 2	
Class	ISO Coarse 50%	
Air Flow Rate [m <sup>3</sup> /h]	2400 at the initial resistance of a clean filter 35 Pa	



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