

cassette filters

UltraKas Plus



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

Max. operating temperature: 100°C

Permissible humidity: <100%

Filtration material: technology based on thermal bonding of pure, homogeneous and durable synthetic fibers (100% polyester), 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.

Construction: UltraKas Plus filters use metal mesh on the inlet and outlet using progressively built-up material, which results in increased dust absorption. The applied mesh guarantees stabilization and proper work of the filtering medium. The filters are available with galvanized steel or stainless steel frames. Filters with standard depths can be made in plastic frames. Filters may be equipped with a 25 mm thick flanges.

Application: pre-filtration air filters for air conditioning, ventilation and heating systems. Due to high dust absorption at low pressure drops, the filters can be used in public buildings as well as in food, pharmaceutical and machine industries. The UltraKas Plus filter finds its recommended use in environments with significantly increased dust levels.

1. Synthetic nonwovens - 100% polyester
2. High dust absorbency
3. Low pressure drop
4. Long filter lifespan
5. Resistance to humidity
6. Flame retardant (F1 acc. DIN 53438)
7. Standard & special dimensions



* 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.

Technical data

Product	Dimensions [mm]			Filtration Area[m ²]	Air Flow Rate [m ³ /h]	Initial pressure drop[Pa]		
	W	H	D			G3/ISO Coarse 50%	G4/ISO Coarse 80%	M5/ePM10 50%
UltraKas Plus	287	287	48	0,16	850	65	75	85
	287	287	96	0,19	1000	75	85	95
	287	592	48	0,34	1700	65	75	85
	287	592	96	0,39	2100	75	85	95
	490	592	48	0,58	2800	65	75	85
	490	592	96	0,66	3400	75	85	95
	592	592	48	0,70	3400	65	75	85
	592	592	96	0,79	3400	60	70	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.