

## high-temperature filters



# UltraMas HT



ISO 16890 Class: ePM10 65%, ePM1 65%

EN 779:2012 Class: M6, F8

3 variants:

UltraMas HT 1H - flange on one side

UltraMas HT 2H - flanges on both sides

UltraMas HT - plain box

Filtration material: glass microfibers

Separators: aluminum

Casing: galvanized or stainless steel  
filters are silicone-free

Sealing gasket: resistance to high temperature

Operating temperature: up to 270°C

\*Final pressure drop derived from  
the filter test standard: 450 Pa

**Application:** the UltraMas HT filter series has been designed to filter hot air up to 270°C. The filters are also designed to operate in harsh environments where there is concern about shocks, pulsations, and rapid changes in air flow. They are often used in industrial equipment placed near furnaces, particularly in paint shops as well as coating plants, etc.

\* 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.

1. High dust absorbency
2. Low pressure drop
3. Long filter lifespan
4. Resistance to humidity
5. Flame retardant (F1 acc. DIN 53438)
6. Disposal without toxic compounds



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.



UltraMas HT filters with one or two flanges

Surface area	Dimensions [mm]			Filtration area [m <sup>2</sup> ]	Flow rate at the initial pressure drop [m <sup>3</sup> /h] / Pa	
	W	H	D		M6 / ePM10 65%	F8 / ePM1 65%
standard	287	592	292	4,5	1700 / 130	1700 / 150
	492	592	292	7,5	2500 / 130	2500 / 150
	592	592	292	9,0	3400 / 130	3400 / 150
enlarged*	287	592	292	6,0	1700 / 140	1700 / 160
	492	592	292	9,0	2500 / 140	2500 / 160
	592	592	292	12,0	3400 / 140	3400 / 160
standard	305	610	292	6,0	2125 / 130	2125 / 160
	490	610	292	9,0	3400 / 130	3400 / 160
	610	610	292	12,0	4250 / 130	4250 / 160
enlarged*	305	610	292	7,0	2125 / 130	2125 / 160
	490	610	292	11,0	3400 / 130	3400 / 160
	610	610	292	14,0	4250 / 130	4250 / 160

\* increased surface area in filters allows for less frequent filter changes



UltraMas HT filters without flange

Surface area	Dimensions [mm]			Filtration area [m <sup>2</sup> ]	Flow rate at the initial pressure drop [m <sup>3</sup> /h] / Pa	
	W	H	D		M6 / ePM10 65%	F8 / ePM1 65%
standard	305	610	292	6,0	2125 / 130	2125 / 160
	490	610	292	9,0	3400 / 130	3400 / 160
	610	610	292	12,0	4250 / 130	4250 / 160
enlarged*	305	610	292	7,0	2125 / 130	2125 / 160
	490	610	292	11,0	3400 / 130	3400 / 160
	610	610	292	14,0	4250 / 130	4250 / 160

\* increased surface area in filters allows for less frequent filter changes

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