



270°C

silicone
FREE

116

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

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 fiber
(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.

* All technical parameters provided in this specification are for informational purposes only. Actual values may differ by up to ±10% from the stated figures. The manufacturer assumes no responsibility for any consequences arising from the selection of filters in non-standard sizes based solely on the user's own calculations.

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 ²]	Air flow rate [m ³ /h]	Initial pressure drop [Pa]	
	W	H	D			M6 / ePM10 65%	F8 / ePM1 65%
standard	287	592	292	5	1700	170	200
	492	592	292	9	2700	170	200
	592	592	292	11	3400	170	200
enlarged*	287	592	292	8	1700	145	165
	492	592	292	14	2700	145	165
	592	592	292	17	3400	145	165
standard	305	610	292	5	1700	155	190
	490	610	292	9	2700	155	190
	610	610	292	11	3400	155	190
enlarged*	305	610	292	8,5	1700	130	155
	490	610	292	14	2700	130	155
	610	610	292	18	3400	130	155

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



UltraMas HT filters without flange

Surface area	Dimensions [mm]			Filtration area [m ²]	Air flow rate [m ³ /h]	Initial pressure drop [Pa]	
	W	H	D			M6 / ePM10 65%	F8 / ePM1 65%
standard	287	592	292	6	1700	150	180
	492	592	292	10	2700	150	180
	592	592	292	12	3400	150	180
enlarged*	287	592	292	9,5	1700	130	150
	492	592	292	16	2700	130	150
	592	592	292	19	3400	130	150
standard	305	610	292	7	1700	140	170
	490	610	292	11	2700	140	170
	610	610	292	13	3400	140	170
enlarged*	305	610	292	10	1700	120	140
	490	610	292	17	2700	120	140
	610	610	292	21	3400	120	140

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

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