

high-temperature filters



270°C

silicone
FREE

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.

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 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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