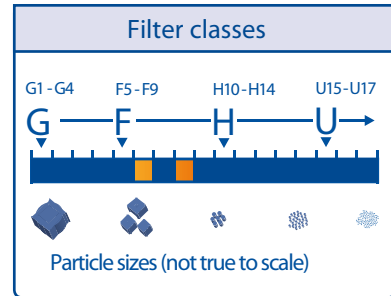
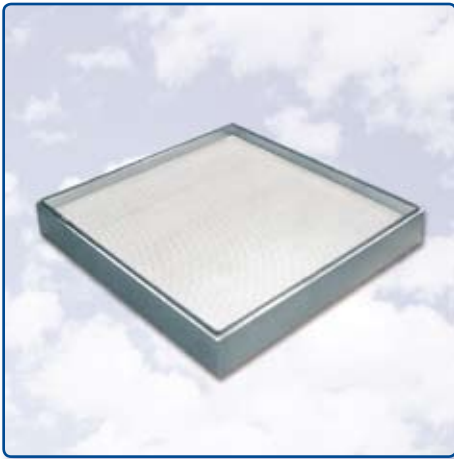




## High temperature filter (HT-filter)



### Applications

- In drying units in paint and surface technology
- For hot air filtration and for difficult operating conditions in industrial ventilation systems
- Applicable in drying ovens and ovens in pharmaceutical and food industry as well as in microelectronic industry
- High air flow rates in small heights and limited space

### Classification acc. to EN 779

- Filter class **F6 (EU6)**
- Filter class **F8 (EU8)**

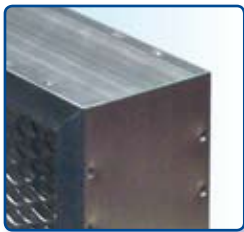
### Versions

- Commercial standard sizes in frame heights 55mm, 78mm, 150mm
- 78mm frame height available with small or big gasket
- Frame material: high-strength extruded aluminium
- Other frame versions on demand
- Integrated glass fibre gasket
- Clean air side and dust air side with protection against handling
- Special sizes and heights on demand

### Material characteristics

- Tested according to EN 779
- Glass fibre medium
- Humidity resistant up to 100% r. h.
- Temperature resistant up to max. 230°C
- Spacer: glass fibre paper
- Contains no silicone or other lacquer harming substances

### Benefits of VOLZ Filters



Form connection

- Free from glue and additional chemicals



Glass fibre gasket

- No disarrangement through fixed adjustment on frame



Spacer

- Free from glue
- No damage of filter medium through spacers made of glass fibre paper

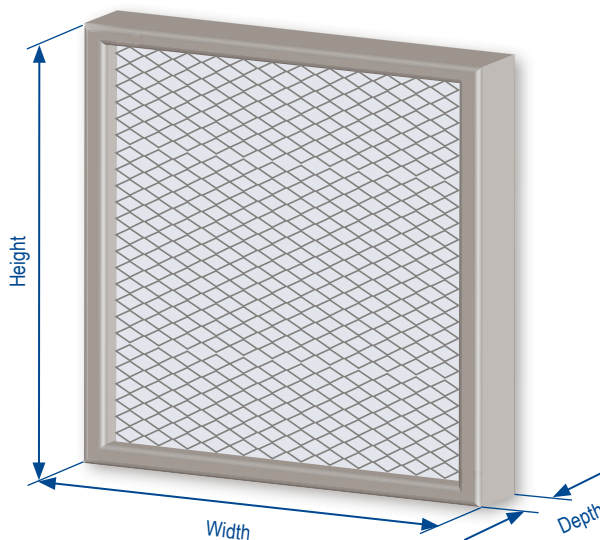


- Filter is produced in our plant in Germany
- Quality control of the complete production with internal filter test equipment and modern quality-management-tools



Standard versions high temperature filter (HT-filter) F6 and F8

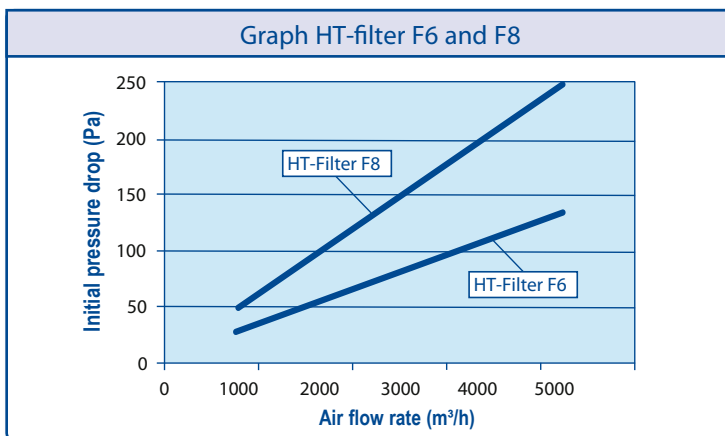
Width	Height	Depth	Filter area
mm	mm	mm	m <sup>2</sup>
610	610	55	6.5
305	610	55	3.25
915	457	55	7.25
610	610	78	7.25
305	610	78	3.75
915	457	78	8.25
610	610	150	9.5
305	610	150	4.75
915	457	150	10.5



Information: Width dimension and height dimension are interchangeable  
All values according to EN 779

HT-filter F6 (EU6) 610 x 610 x 55 mm		HT-filter F8 (EU8) 610 x 610 x 78 mm	
Initial pressure drop (Pa)	110	Initial pressure drop (Pa)	200
Recommended final pressure drop (Pa)	450	Recommended final pressure drop (Pa)	450
Nominal air flow rate (m <sup>3</sup> /h)	3400	Nominal air flow rate (m <sup>3</sup> /h)	3400
Average efficiency (0.4µm) (%)	60 - 80	Average efficiency (0.4µm) (%)	90 - 95
Filter area (m <sup>2</sup> )	6.5	Filter area (m <sup>2</sup> )	7.25

Graph HT-filter F6 and F8



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