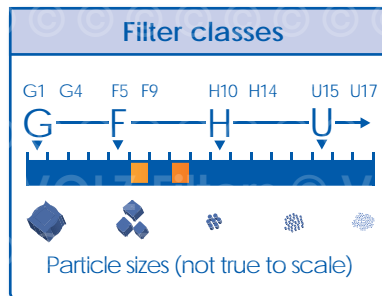


High temperature filter (HT-filter)



Applications

- Filtration of supply air in drying units in paint and surface technology
- Hot air filtration and for difficult operating conditions in industrial ventilation systems
- Filtration of supply air 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 for frame depths of 22 mm, 40 mm, 55 mm, 78 mm and 150 mm
- Frame material with high-strength extruded aluminium or galvanized steel
- Glass fibre gasket fixed and positive-fitted
- Clean air side and dust air side with protection against handling
- Special formats on demand
- Air flow direction is freely selectable

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 (separators): Glass fibre paper
- Contains no silicone or other lacquer harming substances

Benefits of VOLZ Filters



Form closed connection

- Warp resistant frame by positive fitted grouting under pressure
- Mitered Gasket between frame parts



Minipleat Technology

- Free from glue
- Minipleat technology displacing aluminium separators
- High safety against break through



Form-fitted fixed glass fibre gasket

- No disarrangement of gasket through form-fitted fixation

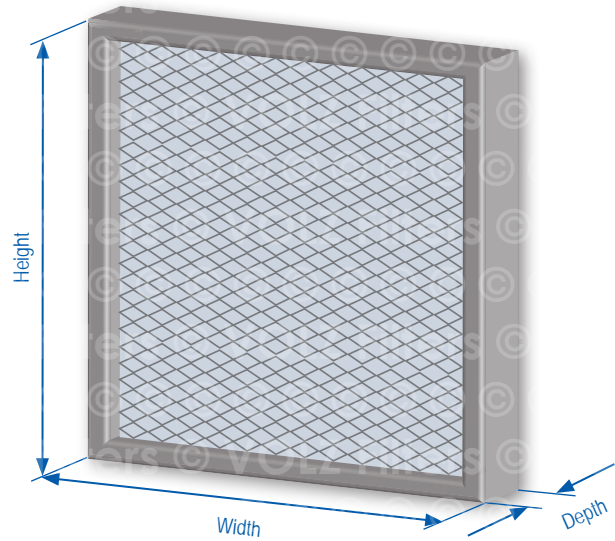


- Filter is produced in Germany
- Quality control of the complete production with internal filter test equipment and modern quality-management-tools

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

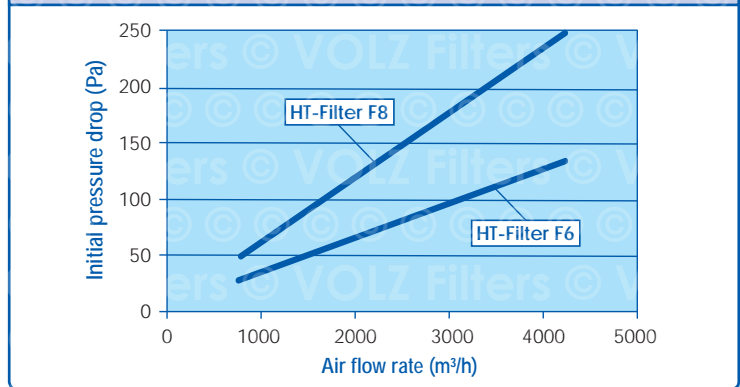
Width	Height	Depth	Filter area
mm	mm	mm	m ²
610	610	55	6.5
305	610	55	3.25
915	457	55	7.25
610	610	78	7.25
305	610	78	3.75
915	457	78	8.25
610	610	150	9.5
305	610	150	4.75
915	457	150	10.5

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 ³ /h)	3400	Nominal air flow rate (m ³ /h)	3400
Average efficiency (0.4µm) (%)	60 - 80	Average efficiency (0.4µm) (%)	90 - 95
Filter area (m ²)	6,5	Filter area (m ²)	7,25

Graph HT-filter F6 and F8



VOLZ Luftfilter GmbH & Co. KG

Robert-Bosch-Straße 25 Phone: +49 - (0)7451 - 5516 - 0 info@volzfilters.com
D-72160 Horb am Neckar Fax: +49 - (0)7451 - 5516 - 120 www.volzfilters.com

All information, images and pictures are property of VOLZ Luftfilter GmbH & Co. KG and are provided to the best knowledge. However VOLZ Luftfilter GmbH & Co. KG does not guarantee the completeness or correctness and cannot be held responsible for damages caused by the recipient's usage or his confidence in the completeness or correctness of the information. The stated data contains average values with tolerances as a result of production irregularities; therefore it does not relieve the recipient of own examination and tests. For the correctness of the information in particular cases, an explicit and written affirmation through VOLZ Luftfilter GmbH & Co. KG is required. Furthermore, the data serves as a service description and cannot be interpreted as warranted properties or durabilities.