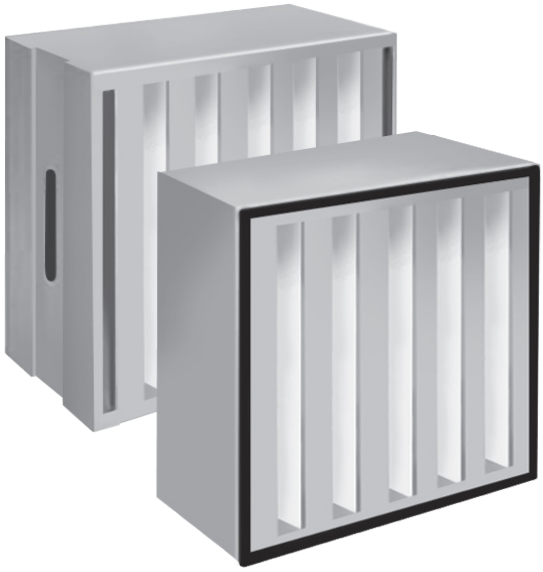
high-temperatureht filters

HT

120°C

UltraMet V292 HT



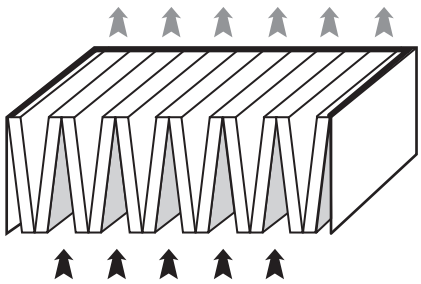
Filtration material:	glass fiber (glass microfibers)
Separators:	hot melt
Casing:	galvanized or stainless steel
Bonding:	two-component cold-mixed (polyurethane),
Sealing gasket:	on one side of the filter (continuous foam or flat)
Operating temperature:	100°C
Temperature spikes:	up to 120°C
*Final pressure drop derived from the filter test standard:	500 Pa

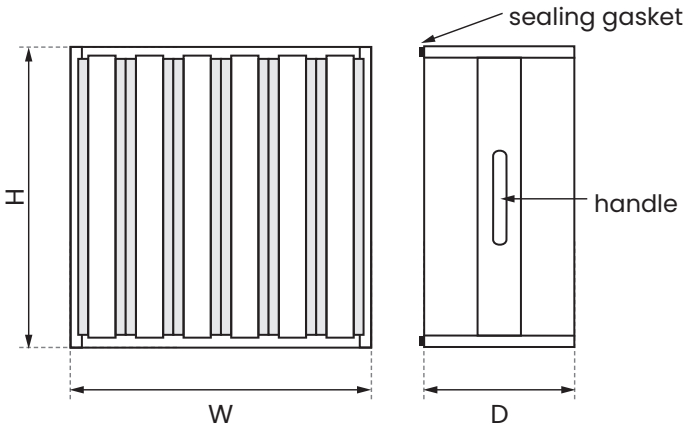
1. Operating temperature 100°C
2. Temperature spikes up to 120°C
3. Durable and rigid construction
4. High dust absorbency
5. Low pressure drop
6. Long filter lifespan
7. Low energy costs
8. Resistance to humidity
9. Flame retardant (F1 acc. DIN 53438)

Application: high-temperature filters for 100°C and temporary peaks up to 120°C are used in production processes where hot purified air is required. They are most commonly used in the pharmaceutical and food industries in conditions where they are tasked with filtering very large volumes of air while maintaining a high level of air purity. The V-shaped design technology is characterized by a large filtration area and low air flow resistance.

* 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.

119





Product	Dimensions [mm]			Filtration Area [m²]	Air flow rate [m³/h]	Initial pressure drop [Pa]	
	W	H	D			H13	H14
UltraMetV292 HT	305	305	292	6	700	240	260
	305	610	292	13	1500	240	260
	457	610	292	18	2000	240	260
	610	610	292	22	2500	240	260
	610	762	292	26	3000	240	260

Pressure drop diagram for UltraMet V292 HT filters in H13 class with maximum bandwidth