

## EPA/HEPA filters

# UltraMet V292



PN-EN 1822:2009 Class:	E10, E11, H13, H14, U15
Filtration material:	glass fiber (glass microfibers)
Separators:	hot melt
Casing:	galvanized steel, with protective nets on both sides
Bonding:	two-component, cold-mixed polyurethane
Sealing gasket:	on one side of the filter (continuous foam or flat)
Max. operating temperature:	80°C
Permissible relative humidity:	>100%
*Final pressure drop derived from the filter test standard:	500 Pa

1. Maximum bandwidth
2. Durable and rigid construction
3. High dust absorbency
4. Low pressure drop
5. Long filter lifespan
6. Low energy costs
7. Resistance to humidity
8. Flame retardant (Fl acc. DIN 53438)

**Application:** UltraMet V292 filters are used in installations that are designed to filter large amounts of air while maintaining a high class of air purity.

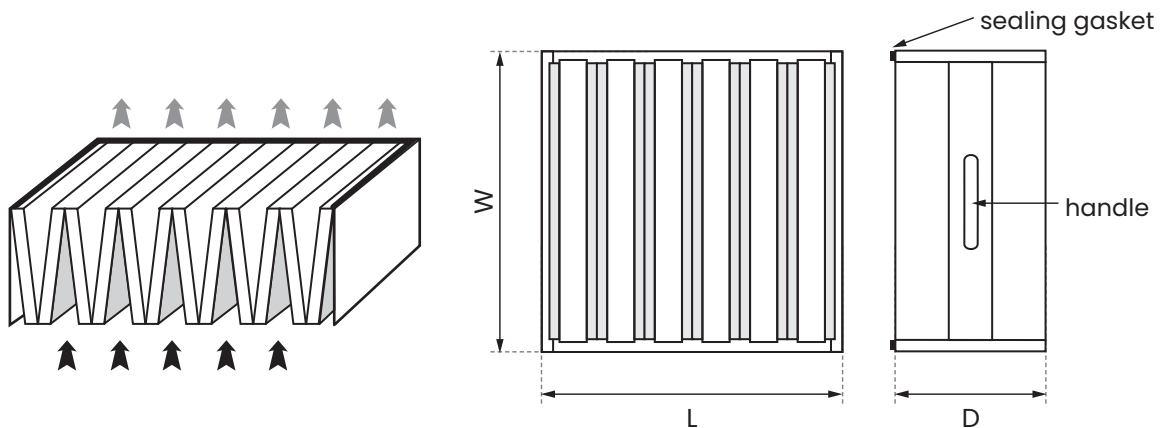
The V-shaped design is characterized by a large filtering area and low resistance to air flow.

The filtration material is tightly positioned in a metal frame.

The filter can be optionally equipped with a handle for transport.

Each filter beyond the E12 class is individually tested.

\* 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.



Technical data for standard filters based on the results of laboratory tests carried out in accordance with EN 1822

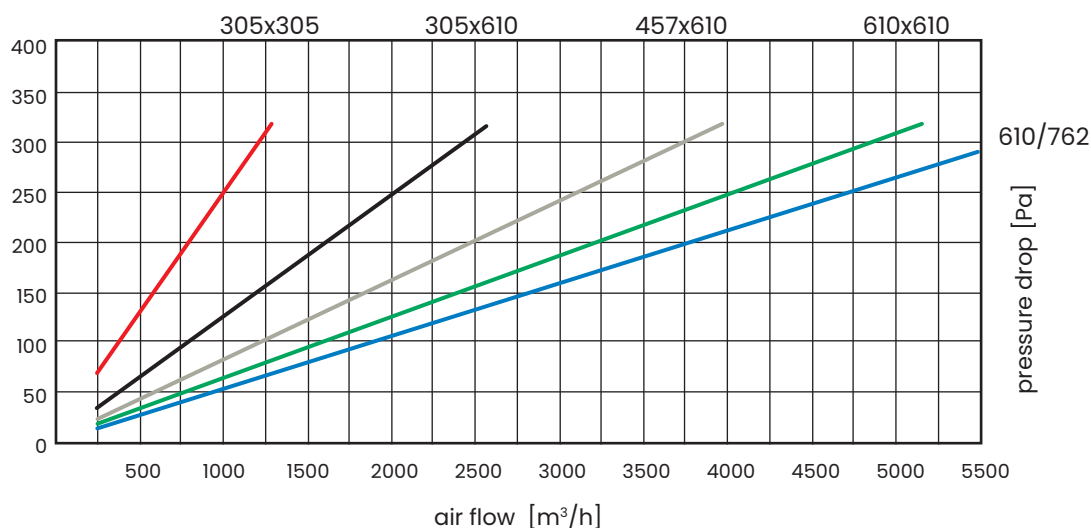
**UltraMet V292 filters - standard filtration area**

Product	Dimensions [mm]			Filtration Area [m <sup>2</sup> ]	Air flow capacity at initial pressure drop 250 Pa [m <sup>3</sup> /h]			
	W	H	D		E10	E11	H13	H14
UltraMetV292 Standard	305	305	292	8,8	1250	1175	850	675
	305	610	292	17,6	2500	2350	1700	1400
	405	405	292	14	2150	2000	1500	1210
	457	457	292	21	2670	2500	1900	1550
	457	610	292	28,1	3750	3500	2600	2120
	592	592	292	34	4800	4500	3250	2650
	610	610	292	35,1	5000	4700	3400	2800
	762	610	292	42,1	6000	5600	4000	3280

**UltraMet V292 filters - enlarged filtration area**

Product	Dimensions [mm]			Filtration Area [m <sup>2</sup> ]	Air flow capacity at initial pressure drop 250 Pa [m <sup>3</sup> /h]			
	W	H	D		E10	E11	H13	H14
UltraMetV292 Plus	305	305	292	11,65	1500	1400	1000	820
	305	610	292	23,4	3000	2800	2000	1640
	405	405	292	18,6	2620	2450	1750	1450
	457	457	292	28	3370	3150	2250	2050
	457	610	292	37,4	4600	4300	3070	2500
	592	592	292	45,4	5720	5350	3830	3140
	610	610	292	46,8	6000	5600	4000	3280
	762	610	292	56,2	7060	6600	4700	3860

**Pressure drop diagram for H13 class filters with an enlarged filtration area**



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. The values shown are approximate and may fluctuate within tolerances. HEPA filters (High Efficiency Particulate Air Filters) undergo complete quality control starting from checking the quality of components to a thorough inspection and control of the finished product.