

EPA/HEPA filters

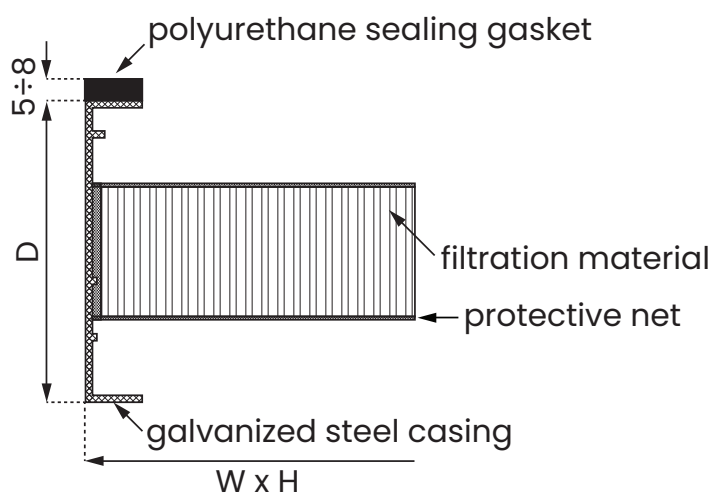
UltraMet 292



PN-EN 1822:2009 Class:	E10, E11, H13, H14
Filtration material:	glass fiber (glass microfibers)
Separators:	hot melt
Casing:	galvanized steel, resistant to humidity
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:	>90%
*Final pressure drop derived from the filter test standard:	500 Pa
Protective net:	optionally on one or both sides

1. Durable and rigid construction
2. High dust absorbency
3. Low pressure drop
4. Long filter lifespan
5. Low energy costs
6. Resistance to humidity
7. Flame retardant (F1 acc. DIN 53438)
8. Disposal without toxic compounds

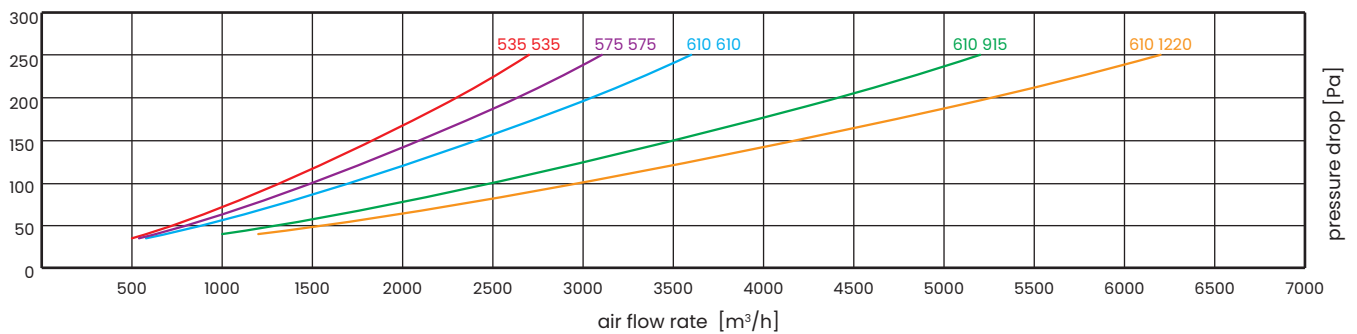
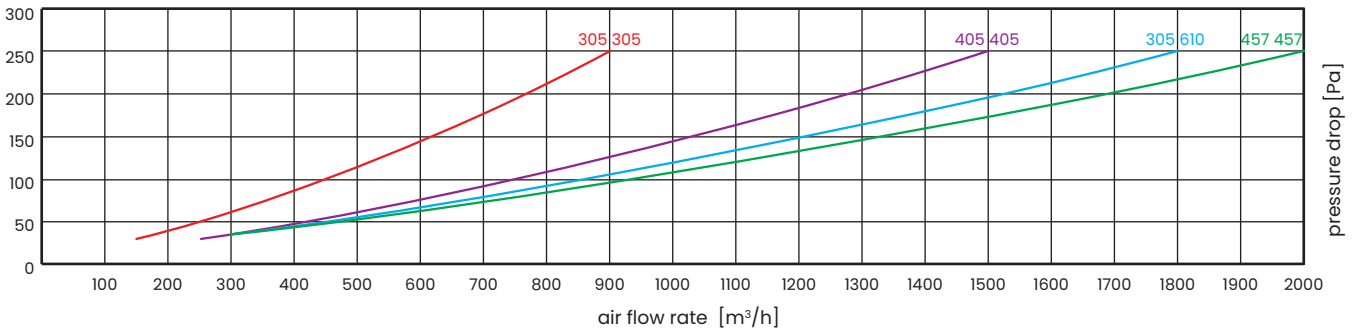
* The final operating pressure drop of the filters should be checked in the technical documentation or consulted with the manufacturer of the equipment being operated.



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.

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

Filtration Class	Product	Dimensions [mm]			Filtration Area [m ²]	Air Flow Rate [m ³ /h]	Initial Pressure Drop [Pa]
		W	H	D			
E10	UltraMet292	305	305	292	5,2	150	35
		405	405	292	9,1	250	35
		305	610	292	10,4	300	35
		457	457	292	11,7	350	35
		535	535	292	16	450	35
		575	575	292	18,5	530	35
		610	610	292	20,8	600	35
		610	915	292	31,2	1000	35
		610	1220	292	41,8	1200	35

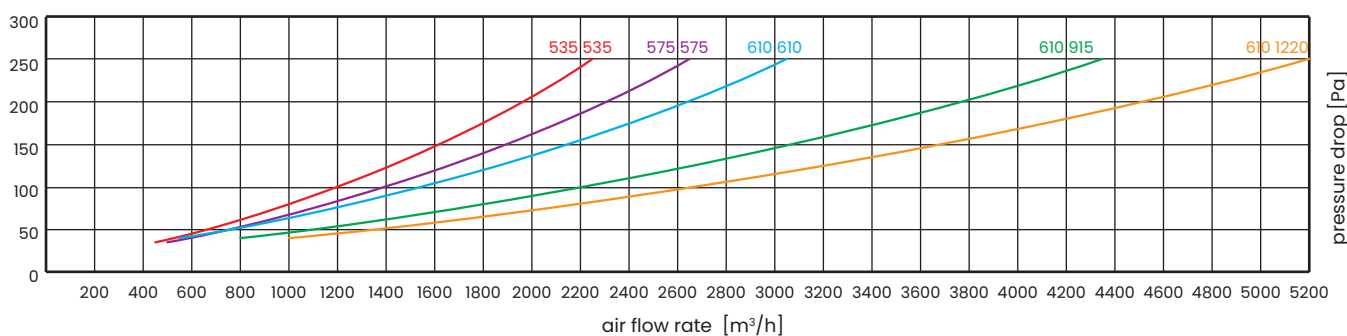
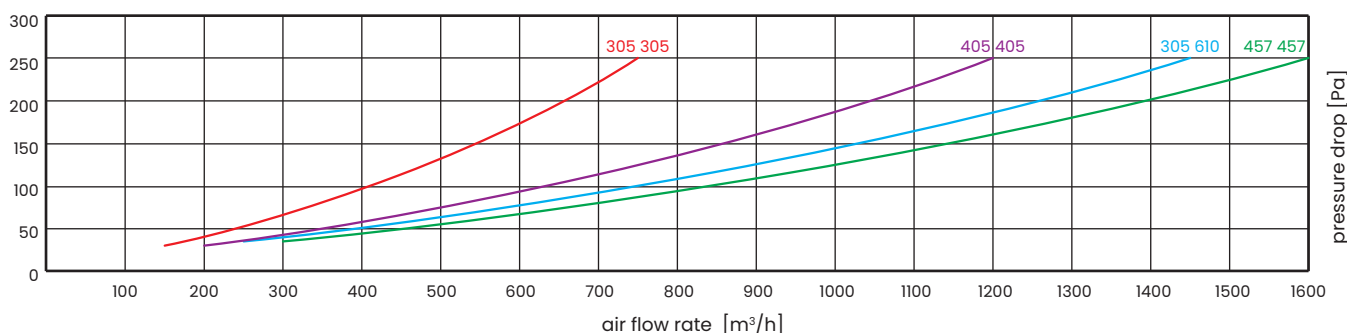


Filters in galvanized steel casings are manufactured in all sizes, but we recommend that the front area of the filter does not exceed 0.6 m².

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Filtration Class	Product	Dimensions [mm]			Filtration Area [m ²]	Air Flow Rate [m ³ /h]	Initial Pressure Drop [Pa]
		W	H	D			
E11	UltraMet292	305	305	292	5,2	150	40
		405	405	292	9,1	250	40
		305	610	292	10,4	300	40
		457	457	292	11,7	350	40
		535	535	292	16	450	40
		575	575	292	18,5	530	40
		610	610	292	20,8	600	40
		610	915	292	31,2	1000	40
		610	1220	292	41,8	1200	40

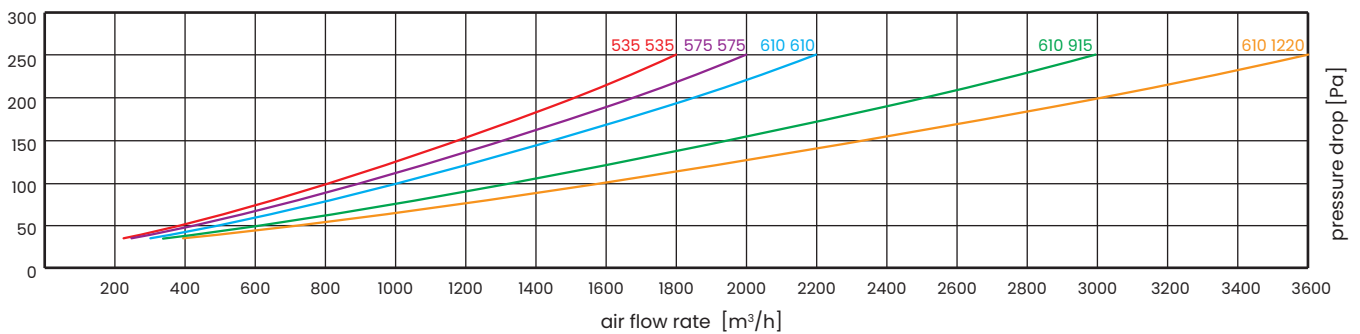
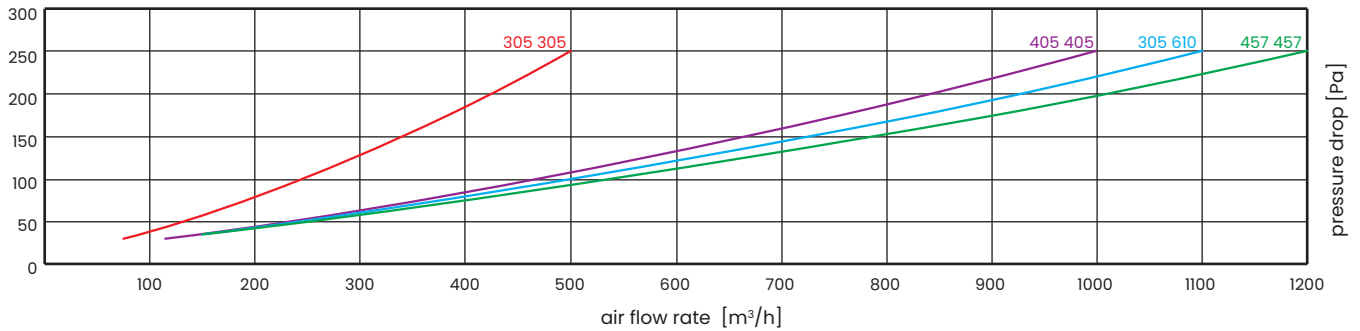


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Filtration Class	Product	Dimensions [mm]			Filtration Area [m ²]	Air Flow Rate [m ³ /h]	Initial Pressure Drop [Pa]
		W	H	D			
H13	UltraMet292	305	305	292	5,2	150	70
		405	405	292	9,1	250	70
		305	610	292	10,4	300	70
		457	457	292	11,7	350	70
		535	535	292	16	450	70
		575	575	292	18,5	530	70
		610	610	292	20,8	600	70
		610	915	292	31,2	1000	70
		610	1220	292	41,8	1200	70

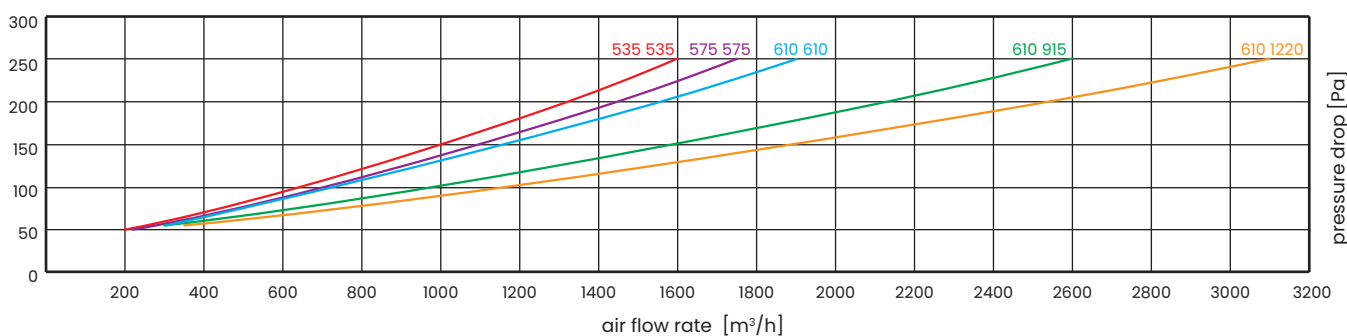
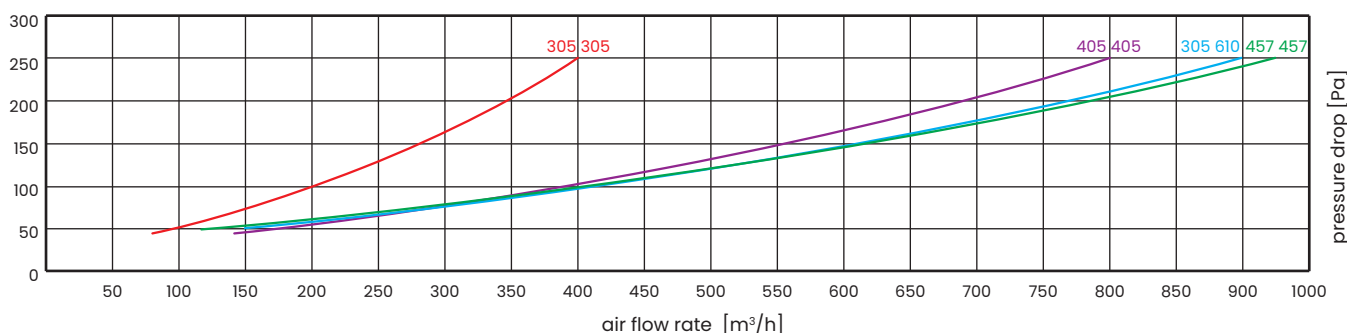


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		W	H	D			
H14	UltraMet292	305	305	292	5,2	150	80
		405	405	292	9,1	250	80
		305	610	292	10,4	300	80
		457	457	292	11,7	350	80
		535	535	292	16	450	80
		575	575	292	18,5	530	80
		610	610	292	20,8	600	80
		610	915	292	31,2	1000	80
		610	1220	292	41,8	1200	80



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