

## UltraWood 292



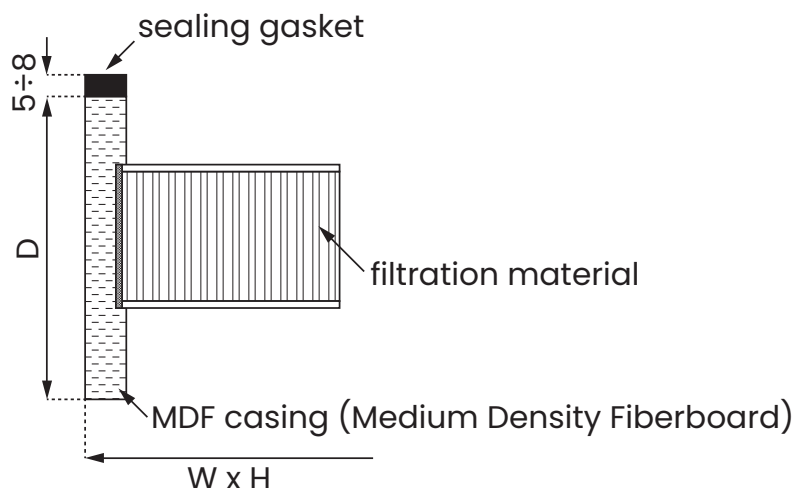
PN-EN 1822:2009 Class:	E10, E11, H13, H14
Filtration material:	glass fiber (glass microfibers)
Separators:	hot melt
Casing:	MDF (Medium Density Fiberboard)
Bonding:	two-component, cold-mixed (polyurethane)
Sealing gasket:	on one side of the filter (continuous foam or flat)
Max. operating temperature:	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

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\* 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.

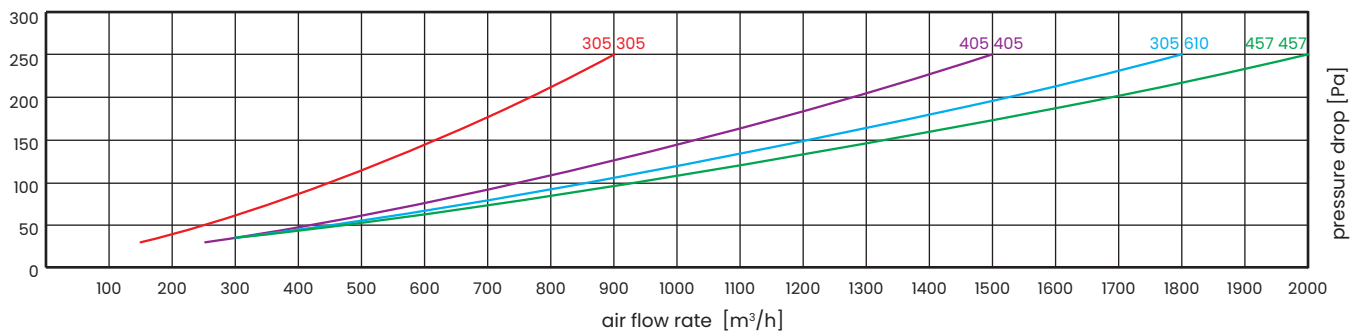
\* All technical parameters provided in this specification are for informational purposes only. Actual values may differ by up to  $\pm 10\%$  from the stated figures. The manufacturer assumes no responsibility for any consequences arising from the selection of filters in non-standard sizes based solely on the user's own calculations.



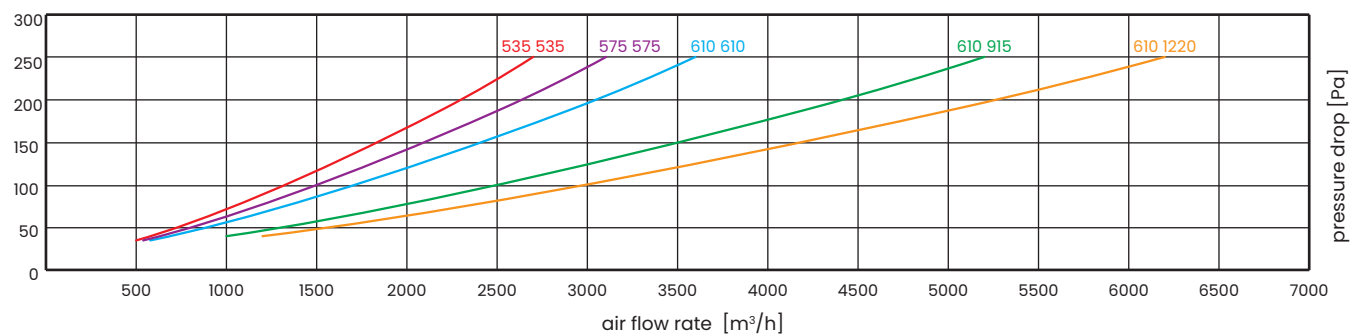
We reserve the right to make changes to the technical specifications at any time without prior notice, resulting from the continuous improvement of our products.

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 <sup>2</sup> ]	Air Flow Rate [m <sup>3</sup> /h]	Initial Pressure Drop [Pa]
		W	H	D			
E10	UltraWood292	305	305	292	5,2	900	250
		405	405	292	9,1	1500	250
		305	610	292	10,4	1800	250
		457	457	292	11,7	2000	250
		535	535	292	16	2700	250
		575	575	292	18,5	3100	250
		610	610	292	20,8	3600	250
		610	915	292	31,2	5200	250
		610	1220	292	41,8	6200	250



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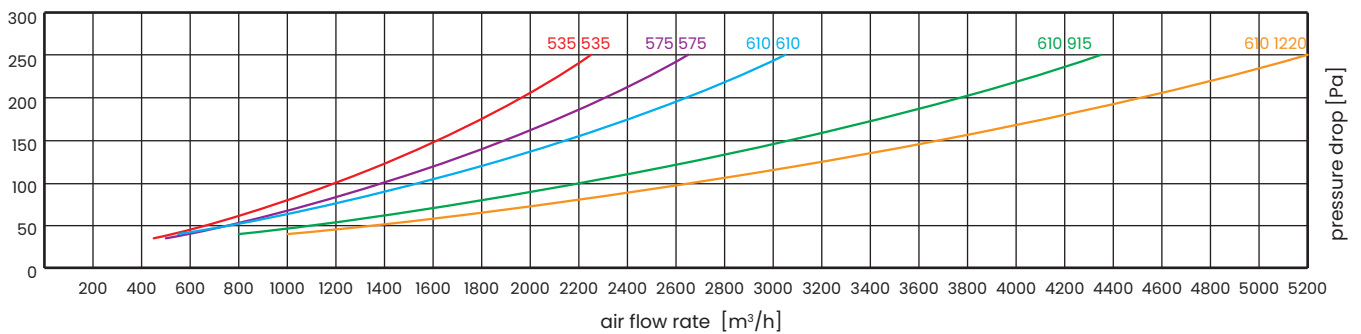
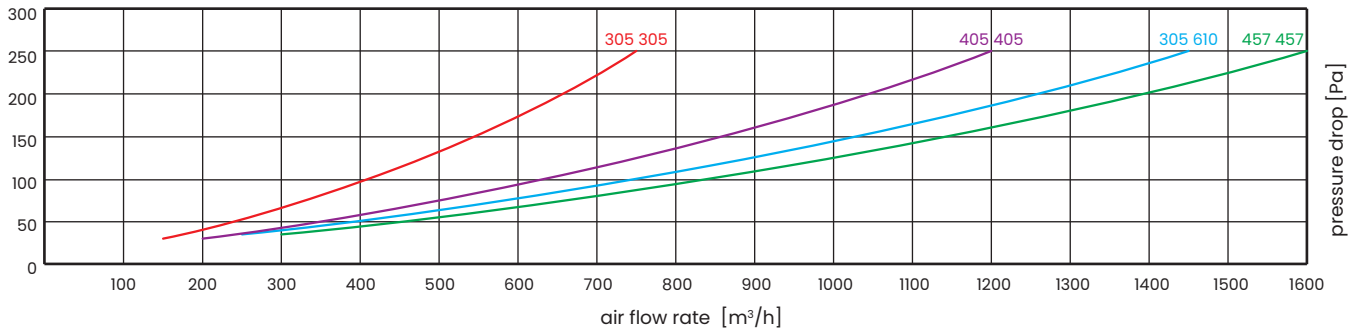


Filters in MDF casings are manufactured in all sizes, but we recommend that the front area of the filter does not exceed 0.6 m<sup>2</sup>.

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Filtration Class	Product	Dimensions [mm]			Filtration Area [m <sup>2</sup> ]	Air Flow Rate [m <sup>3</sup> /h]	Initial Pressure Drop [Pa]
		W	H	D			
E11	UltraWood292	305	305	292	5,2	750	250
		405	405	292	9,1	1200	250
		305	610	292	10,4	1450	250
		457	457	292	11,7	1600	250
		535	535	292	16	2250	250
		575	575	292	18,5	2650	250
		610	610	292	20,8	3050	250
		610	915	292	31,2	4350	250
		610	1220	292	41,8	5200	250

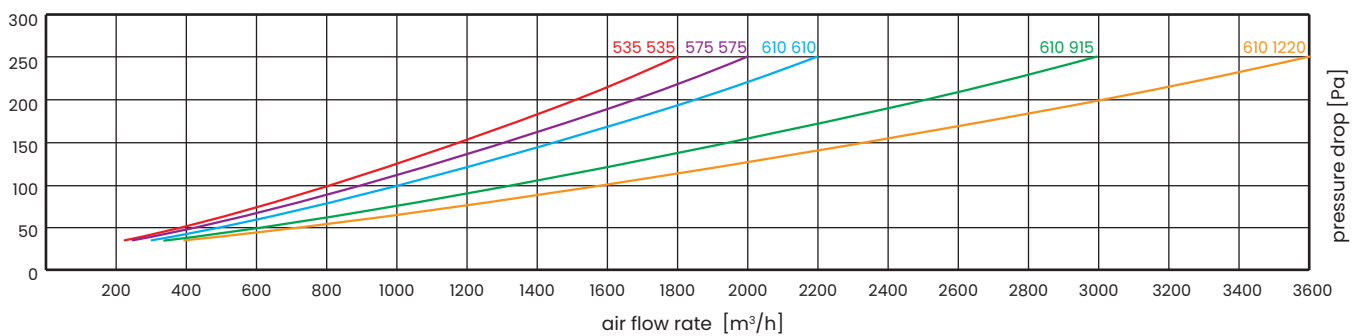
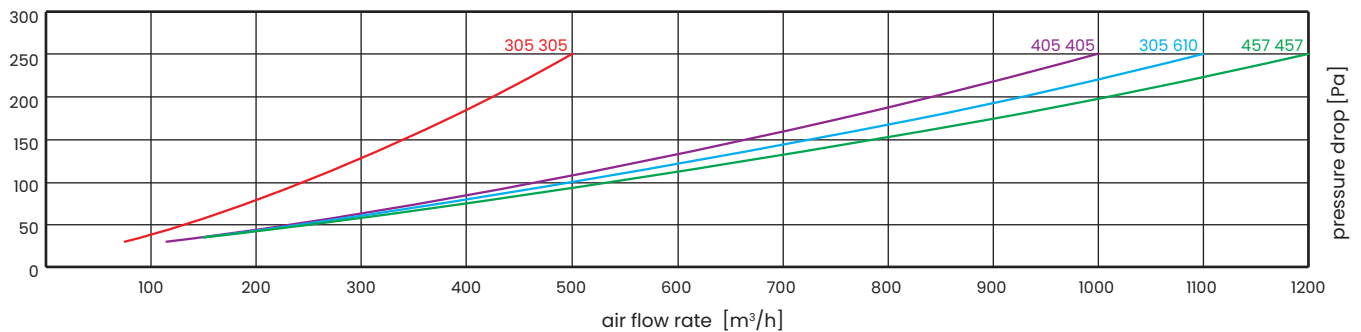


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Filtration Class	Product	Dimensions [mm]			Filtration Area [m <sup>2</sup> ]	Air Flow Rate [m <sup>3</sup> /h]	Initial Pressure Drop [Pa]
		W	H	D			
HI3	UltraWood292	305	305	292	5,2	500	250
		405	405	292	9,1	1000	250
		305	610	292	10,4	1100	250
		457	457	292	11,7	1200	250
		535	535	292	16	1800	250
		575	575	292	18,5	2000	250
		610	610	292	20,8	2200	250
		610	915	292	31,2	3000	250
		610	1220	292	41,8	3600	250

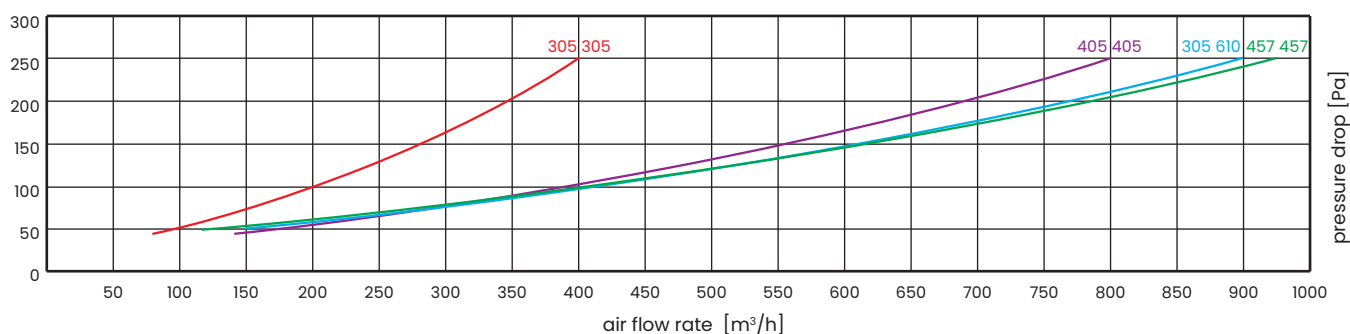


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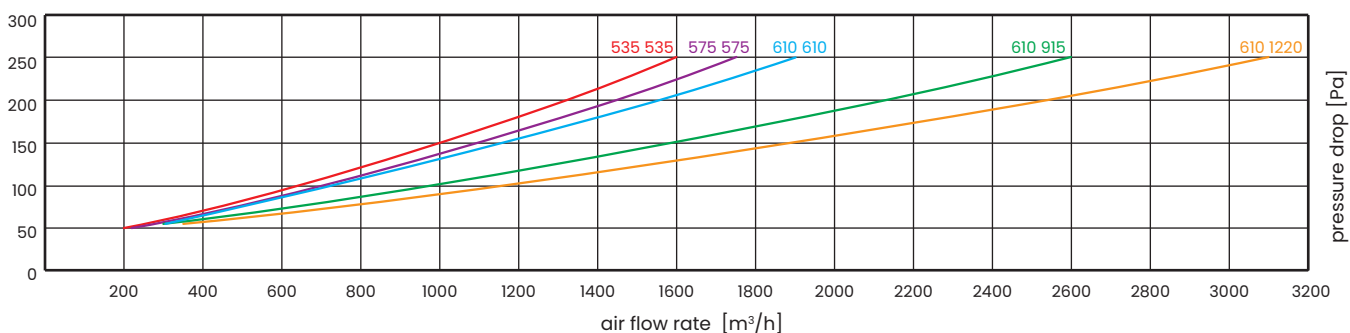
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Technical data for standard filters based on the results of laboratory tests carried out in accordance with EN 1822

Filtration Class	Product	Dimensions [mm]			Filtration Area [m <sup>2</sup> ]	Air Flow Rate [m <sup>3</sup> /h]	Initial Pressure Drop [Pa]
		W	H	D			
H14	UltraWood292	305	305	292	5,2	400	250
		405	405	292	9,1	800	250
		305	610	292	10,4	900	250
		457	457	292	11,7	950	250
		535	535	292	16	1600	250
		575	575	292	18,5	1750	250
		610	610	292	20,8	1900	250
		610	915	292	31,2	2600	250
		610	1220	292	41,8	3100	250



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