

**pocket filters**

**UltraTec 8/G**



ISO 16890 Class:	ePM1 70%
*Final pressure drop derived from the filter test standard:	300 Pa
EN 779:2012 Class:	F8
*Final pressure drop derived from the filter test standard:	450 Pa
Max. operating temperature:	up to 70°C
Permissible relative humidity:	up to 85%RH

**Filtration material:** technology based on a mixture of fine and coarse glass fibers secured from the air outlet side in high strength synthetic nonwoven. Maximum air purification efficiency with minimum pressure drop. Very high storage capacity of contaminants with mechanical strength results in low operating and maintenance costs.

**Casing:** pockets placed in a stable plastic frame, perfectly airtight and very robust construction; alternatively, pockets sewn together and placed on a wire grid of  $\varnothing=3.5$  mm, framed in galvanized sheet metal.

**Application:** as a pre-filter for absolute filters and as a filter of 2<sup>nd</sup> and 3<sup>rd</sup> stage of air purification in air conditioning, ventilation and heating systems. The filters are widely used in electronic, chemical, pharmaceutical, food, and machinery industries; in hospitals, offices, schools, theaters, shopping malls, hotels, paint shops, and others.

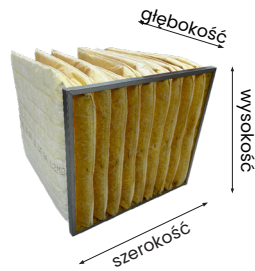
\* The final operating pressure drop of the filters should be checked in the technical documentation or consulted with the manufacturer of the equipment being operated.



1. The latest generation glass nonwoven
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. Standard and custom sizes
9. Certified quality

The air supplied by ventilation and air conditioning systems is as clean as the filters clean it, and therefore the quality of the filters, their reliability, and durability have an enormous impact on the assessment of the operation of the whole ventilation system.

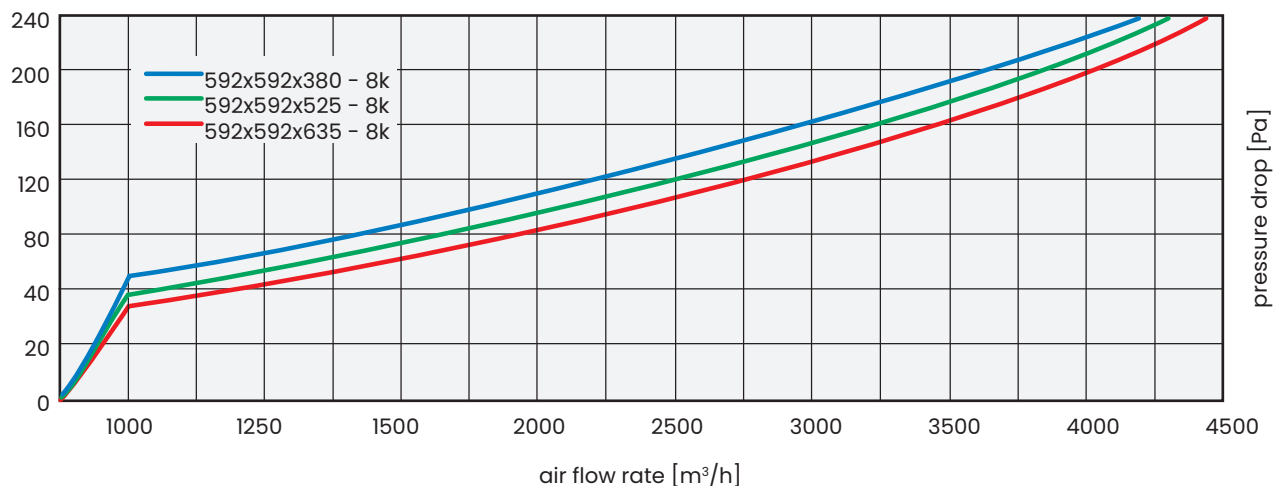
We reserve the right to make changes to the technical specifications at any time without prior notice, resulting from the continuous improvement of our products.



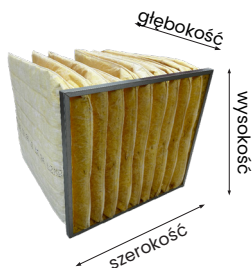
Product	UTG-8-6668	UTG-8-6658	UTG-8-6648	UTG-8-5666	UTG-8-5656	UTG-8-5646
Frame dimensions [mm]	592x592			490x592		
Number of pockets [n]	8			6		
Air flow rate [m³/h]	2700			2200		
Pocket depth [mm]	635	525	380	635	525	380
Initial pressure drop [Pa]	115	130	150	115	130	150

Product	UTG-8-3664	UTG-8-3654	UTG-8-3644	UTG-8-3364	UTG-8-3354	UTG-8-3344
Frame dimensions [mm]	287x592			287x287		
Number of pockets [n]	4			4		
Air flow rate [m³/h]	1200			700		
Pocket depth [mm]	635	525	380	635	525	380
Initial pressure drop [Pa]	115	130	150	115	130	150

Pressure loss as a function of flow rate for UltraTec 8/G filters



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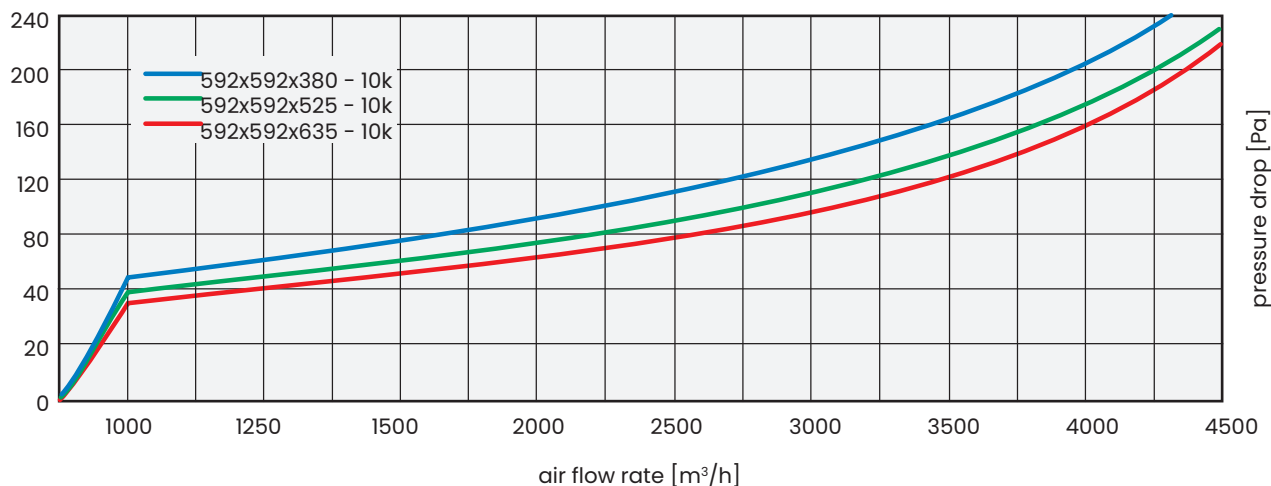


Product	UTG-8-66610	UTG-8-66510	UTG-8-66410	UTG-8-5668	UTG-8-5658	UTG-8-5648
Frame dimensions [mm]	592x592			490x592		
Number of pockets [n]	10			8		
Air flow rate [m <sup>3</sup> /h]	3400			2700		
Pocket depth [mm]	635	525	380	635	525	380
Initial pressure drop [Pa]	110	130	160	110	130	160

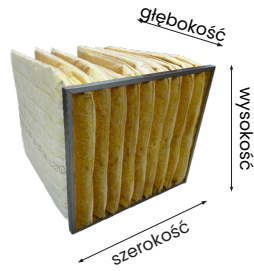
Product	UTG-8-3665	UTG-8-3655	UTG-8-3644	UTG-8-3365	UTG-8-3355	UTG-8-3345
Frame dimensions [mm]	287x592			287x287		
Number of pockets [n]	5			5		
Air flow rate [m <sup>3</sup> /h]	1700			800		
Pocket depth [mm]	635	525	380	635	525	380
Initial pressure drop [Pa]	110	130	160	110	130	160



Pressure loss as a function of flow rate for UltraTec 8/G filters



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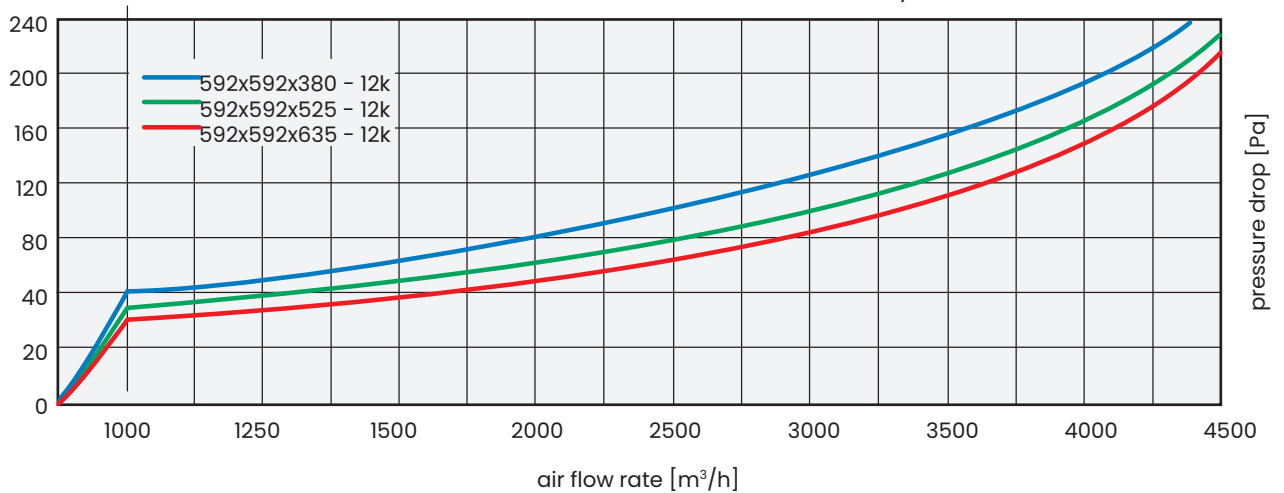


Product	UTG-8-66612	UTG-8-66512	UTG-8-66412	UTG-8-56610	UTG-8-56510	UTG-8-56410
Frame dimensions [mm]	592x592			490x592		
Number of pockets [n]	12			10		
Air flow rate [m³/h]	3400			2700		
Pocket depth [mm]	635	525	380	635	525	380
Initial pressure drop [Pa]	95	120	150	95	120	150

Product	UTG-8-3666	UTG-8-3656	UTG-8-3646	UTG-8-3366	UTG-8-3356	UTG-8-3346
Frame dimensions [mm]	287x592			287x287		
Number of pockets [n]	6			6		
Air flow rate [m³/h]	1700			800		
Pocket depth [mm]	635	525	380	635	525	380
Initial pressure drop [Pa]	95	120	150	95	120	150



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