

pocket filters

UltraTec 9/G



ISO 16890 Class:	ePM1 85%
*Final pressure drop derived from the filter test standard:	300 Pa
EN 779:2012 Class:	F9
*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 2nd and 3rd 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.

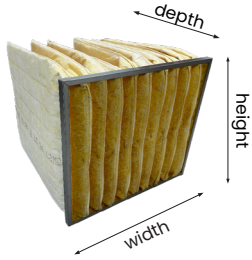
* All technical parameters provided in this specification are for informational purposes only. Actual values may differ by up to $\pm 10\%$ from the stated figures. The manufacturer assumes no responsibility for any consequences arising from the selection of filters in non-standard sizes based solely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

104

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.

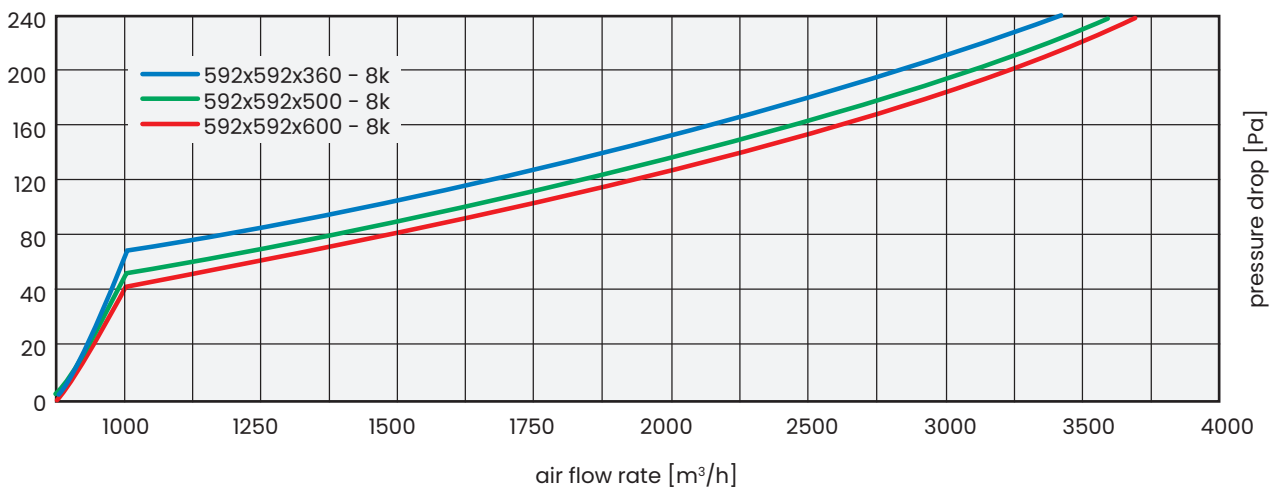


Product	UltraTec 9/G					
Frame dimensions [mm]	592x592			490x592		
Number of pockets [n]	8			6		
Air flow rate [m ³ /h]	2700			2200		
Pocket depth [mm]	600	500	360	600	500	360
Initial pressure drop [Pa]	170	180	200	170	180	200

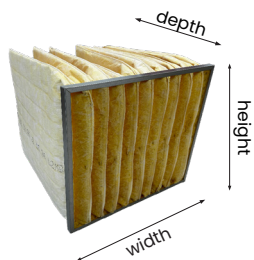
Product	UltraTec 9/G					
Frame dimensions [mm]	287x592			287x287		
Number of pockets [n]	4			4		
Air flow rate [m ³ /h]	1200			700		
Pocket depth [mm]	600	500	360	600	500	360
Initial pressure drop [Pa]	170	180	200	170	180	200



Pressure loss as a function of flow rate for UltraTec 9/G filters



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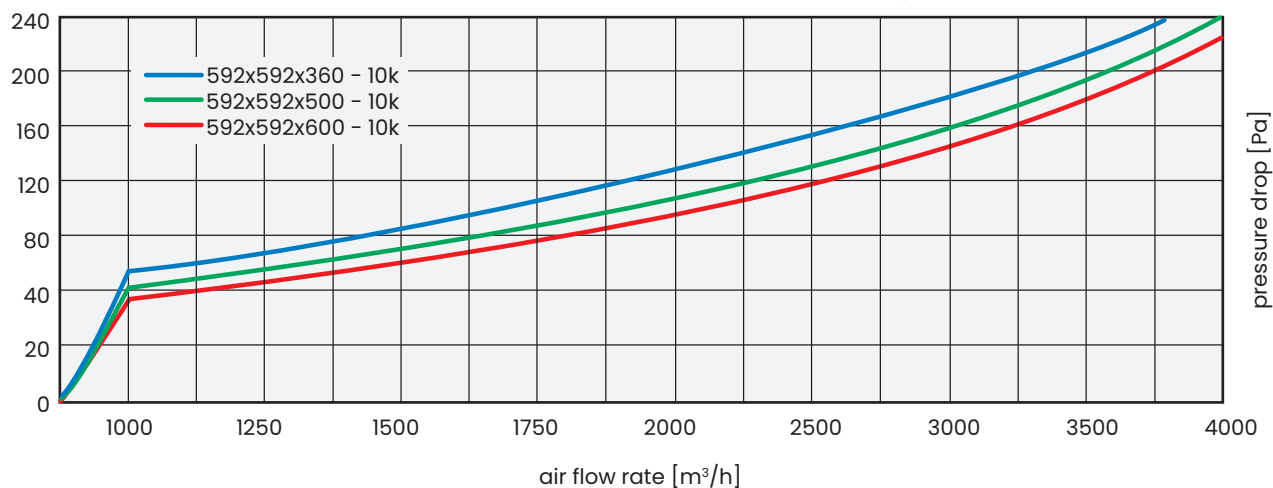


Product	UltraTec 9/G					
Frame dimensions [mm]	592x592			490x592		
Number of pockets [n]	10			8		
Air flow rate [m³/h]	3400			2700		
Pocket depth [mm]	600	500	360	600	500	360
Initial pressure drop [Pa]	165	180	210	165	180	210

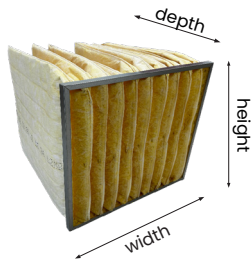
Product	UltraTec 9/G					
Frame dimensions [mm]	287x592			287x287		
Number of pockets [n]	5			5		
Air flow rate [m³/h]	1700			800		
Pocket depth [mm]	600	500	360	600	500	360
Initial pressure drop [Pa]	165	180	210	165	180	210

106

Pressure loss as a function of flow rate for UltraTec 9/G filters



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Product	UltraTec 9/G					
Frame dimensions [mm]	592x592			490x592		
Number of pockets [n]	12			10		
Air flow rate [m ³ /h]	3400			2700		
Pocket depth [mm]	600	500	360	600	500	360
Initial pressure drop [Pa]	150	170	200	150	170	200

Product	UltraTec 9/G					
Frame dimensions [mm]	287x592			287x287		
Number of pockets [n]	6			6		
Air flow rate [m ³ /h]	1700			800		
Pocket depth [mm]	600	500	360	600	500	360
Initial pressure drop [Pa]	150	170	200	150	170	200

Pressure loss as a function of flow rate for UltraTec 9/G filters



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