

# UltraTec 9/G



- ▶ Latest generation of glass fabric
- ▶ High dust absorption
- ▶ Low pressure loss
- ▶ Long service life
- ▶ Low energy consumption
- ▶ Moisture resistance
- ▶ Flame retardant (F1 acc. DIN 53438)
- ▶ Standard and special sizes
- ▶ Certified quality

Class acc. ISO 16890: ePM1 85%

Recommended final resistance: 300 Pa

Class acc. EN 779:2012: F9

Recommended final resistance: 450 Pa

Maximum continuous working temperature: 70°C

Acceptable relative humidity: 85% RH

#### Filter material:

Technology based on a mixture of fine and thick glass fibers protected on the air outlet side with a high-strength synthetic fleece. Maximum long air cleaning efficiency with minimal pressure drop. Very large storage capacity of pollutants and mechanical durability results in low operating and maintenance costs

#### Structure:

▶ pockets connected by rigid plastic linkers and placed in a stable plastic frame, absolutely tight and very durable construction;

▶ alternatively, pockets sewn together, placed on the  $\varnothing = 3.5$  mm wire grid and put in a frame of galvanized steel

#### Appliance:

As a filter preceding the absolute filters or as a II degree air filter in air conditioning, ventilation and heating systems. Filters are widely used in food, pharmaceutical, chemical, electronics and engineering industry; in offices, hospitals, schools, theaters, shopping malls, hotels, paint shops and many others

#### Certified quality:

Ultramare filters are tested in accordance with applicable standards and are manufactured for many years, in accordance with the requirements of the Quality Management System ISO 9001, which ensures that our products consistently maintains the highest quality, putting us in a leadership of filter manufacturers.

The air supplied by the ventilation and air-conditioning systems is as clean as the filters clean it and therefore the quality of the filters, their reliability and durability has a huge impact on the evaluation of the entire ventilation system.

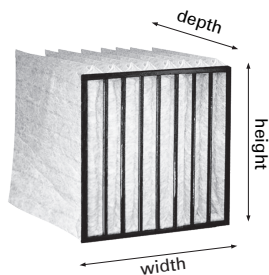


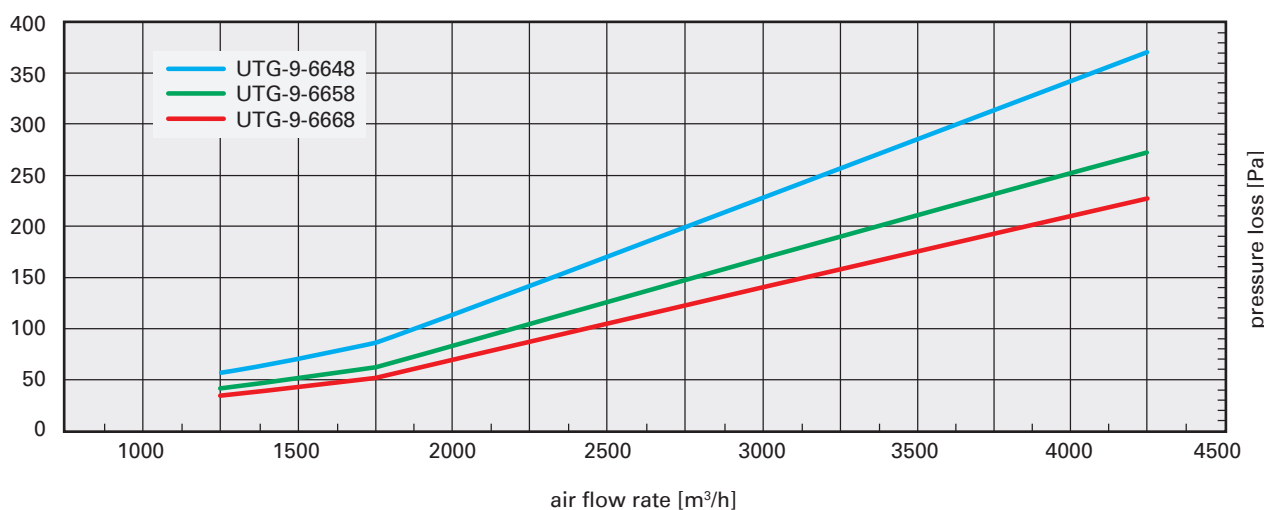
Table of standard sizes

	J.m.	UTG-9-6668	UTG-9-6658	UTG-9-6648	UTG-9-5666	UTG-9-5656	UTG-9-5646
Class acc. ISO 16890:		ePM1 85%			ePM1 85%		
Frame size (szerokość x wysokość):	[mm]	592 x 592			490 x 592		
Pocket depth :	[mm]	635	525	380	635	525	380
Filter area:	[m <sup>2</sup> ]	6,4	5,3	3,5	4,8	4	2,7
Number of pockets:	[n]	8	8	8	6	6	6
Expenditure:	[m <sup>3</sup> /h]	3400			2700		
Initial resistance:	[Pa]	175	210	285	175	210	285
Rec. final resistance	[Pa]	300			300		

	J.m.	UTG-9-3664	UTG-9-3654	UTG-9-3644	UTG-9-3364	UTG-9-3354	UTG-9-3344
Class acc. ISO 16890:		ePM1 85%			ePM1 85%		
Frame size (szerokość x wysokość):	[mm]	287 x 592			287 x 287		
Pocket depth :	[mm]	635	525	380	635	525	380
Filter area:	[m <sup>2</sup> ]	3,2	2,6	1,7	1,6	1,4	0,9
Number of pockets:	[n]	4	4	4	4	4	4
Expenditure:	[m <sup>3</sup> /h]	1700			800		
Initial resistance:	[Pa]	175	210	285	175	210	285
Rec. final resistance	[Pa]	300			300		

Loss of pressure as a function of air flow rate for UltraTec 9/G filters



We reserve the right to make changes in the technical specifications at any time without notice, as a result of continuous improvement of our products

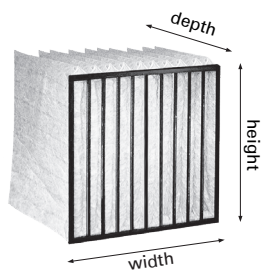
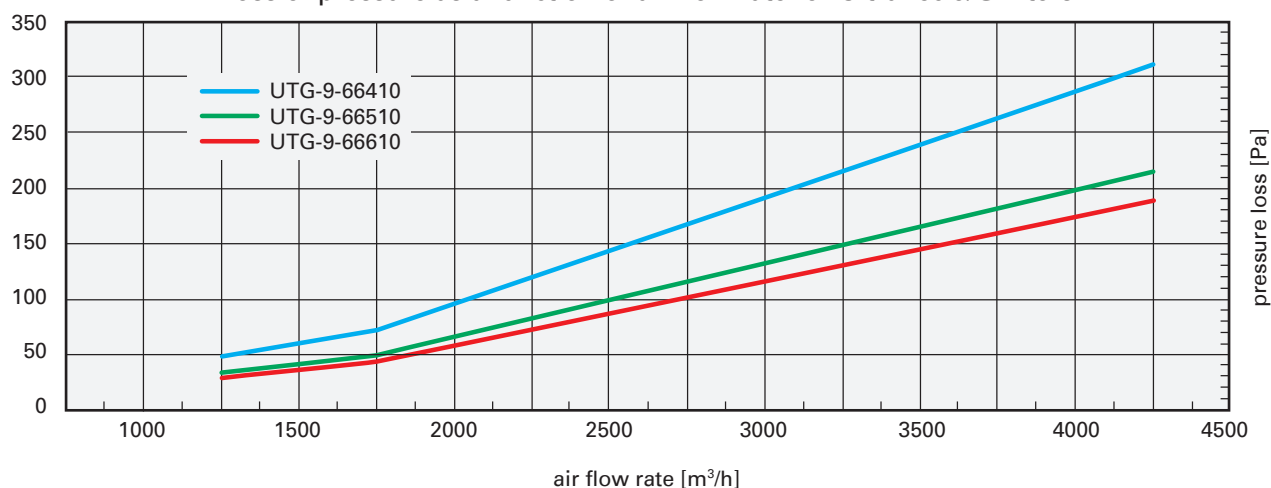


Table of standard sizes

J.m.	UTG-9-66610	UTG-9-66510	UTG-9-66410	UTG-9-5668	UTG-9-5658	UTG-9-5648
Klasyfikacja ISO 16890	ePM1 85%			ePM1 85%		
Wymiary ramki (szerokość x wysokość) [mm]	592 x 592			490 x 592		
Głębokość kieszeni [mm]	635	525	380	635	525	380
Powierzchnia filtracyjna [m <sup>2</sup> ]	7,8	6,6	4,3	6,2	5,2	3,4
Liczba kieszeni [n]	10	10	10	8	8	8
Wydatek [m <sup>3</sup> /h]	3400			2700		
Opór początkowy [Pa]	145	165	240	145	165	240
Zalecany opór końcowy [Pa]	300			300		

J.m.	UTG-9-3665	UTG-9-3655	UTG-9-3645	UTG-9-3365	UTG-9-3355	UTG-9-3345
Klasyfikacja ISO 16890	ePM1 85%			ePM1 85%		
Wymiary ramki (szerokość x wysokość) [mm]	287 x 592			287 x 287		
Głębokość kieszeni [mm]	635	525	380	635	525	380
Powierzchnia filtracyjna [m <sup>2</sup> ]	3,9	3,3	2,1	2	1,7	1,1
Liczba kieszeni [n]	5	5	5	5	5	5
Wydatek [m <sup>3</sup> /h]	1700			800		
Opór początkowy [Pa]	145	165	240	145	165	240
Zalecany opór końcowy [Pa]	300			300		

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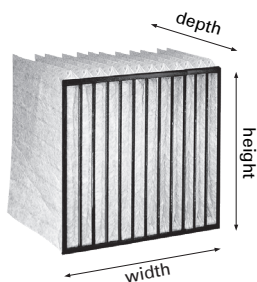
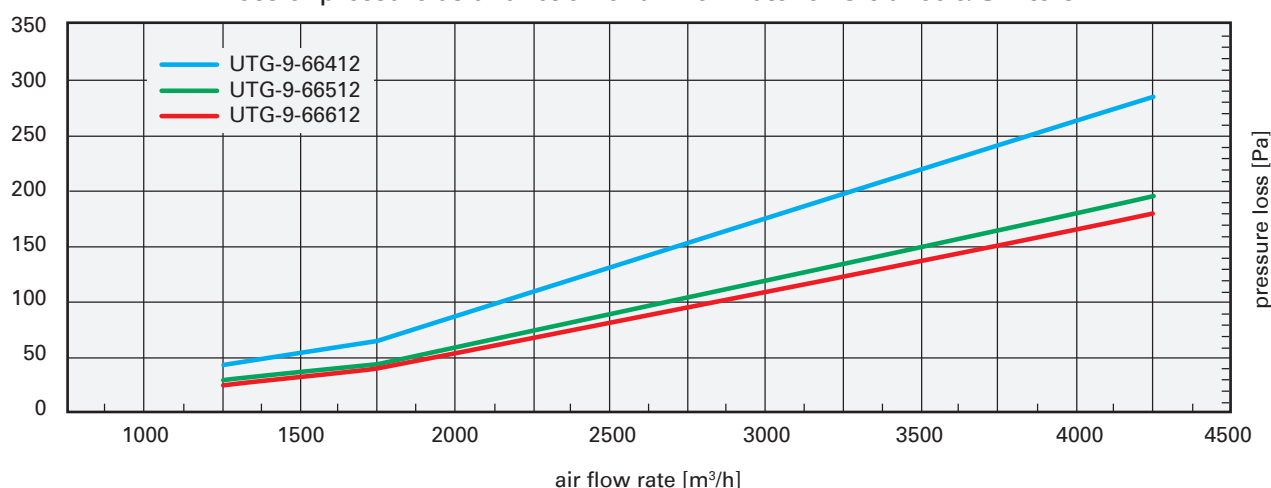


Table of standard sizes

J.m.	UTG-9-66612	UTG-9-66512	UTG-9-66412	UTG-9-56610	UTG-9-56510	UTG-9-56410
Klasyfikacja ISO 16890	ePM1 85%			ePM1 85%		
Wymiary ramki (szerokość x wysokość) [mm]	592 x 592			490 x 592		
Głębokość kieszeni [mm]	635	525	380	635	525	380
Powierzchnia filtracyjna [m <sup>2</sup> ]	9,4	7,9	5,4	7,6	6,4	4,2
Liczba kieszeni [n]	12	12	12	10	10	10
Wydatek [m <sup>3</sup> /h]	3400			2700		
Opór początkowy [Pa]	138	150	220	138	150	220
Zalecany opór końcowy [Pa]	300			300		

J.m.	UTG-9-3666	UTG-9-3656	UTG-9-3646	UTG-9-3366	UTG-9-3356	UTG-9-3346
Klasyfikacja ISO 16890	ePM1 85%			ePM1 85%		
Wymiary ramki (szerokość x wysokość) [mm]	287 x 592			287 x 287		
Głębokość kieszeni [mm]	635	525	380	635	525	380
Powierzchnia filtracyjna [m <sup>2</sup> ]	4,7	3,9	2,7	2,3	1,9	1,3
Liczba kieszeni [n]	6	6	6	6	6	6
Wydatek [m <sup>3</sup> /h]	138	1700		800		
Opór początkowy [Pa]		150	220	138	150	220
Zalecany opór końcowy [Pa]	300			300		

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