

# ▶ Posefilter F7



- ▶ Three-layer synthetic 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. EN 779:2012: F7

Filtration degree ( $A_m$ ): >99,3%

Average efficiency ( $E_m$ ): >84,1%

Maximum operating temperature: <100°C

Acceptable relative humidity: <100%

#### Filter material:

technology based on a synthetic three-layer fabric, mostly polypropylene with microfibers. Highly durable outer layer, high dust absorbency core and thin supporting inner layer. The use of microfibers allows for low pressure loss over the entire lifetime and high mechanical durability. Maximum efficiency in the purification of air with minimal pressure loss. Very large storage capacity of pollutants and mechanical durability results in low operating and maintenance costs.

#### Structure:

- ▶ absolutely tight and very durable construction:
- ▶ pockets sewn or welded together, placed on the  $\varnothing = 3.5$  mm wire grid and put in a frame of galvanized steel;
- ▶ alternatively, the performance suitable for disposal in waste incineration plants: pockets connected by rigid plastic linkers and placed in a stable plastic frame

#### Appliance:

As a filter preceding the absolute filters or as a II degree air filter in air conditioning, ventilation and heating systems; thanks to high performance at low pressure loss, filters can be used in offices, hospitals, schools, theaters, shopping malls, hotels, paint shops, as well as in food, pharmaceutical, automotive and engineering industry and many others.

#### Certified quality:

The 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.

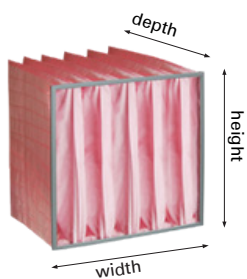
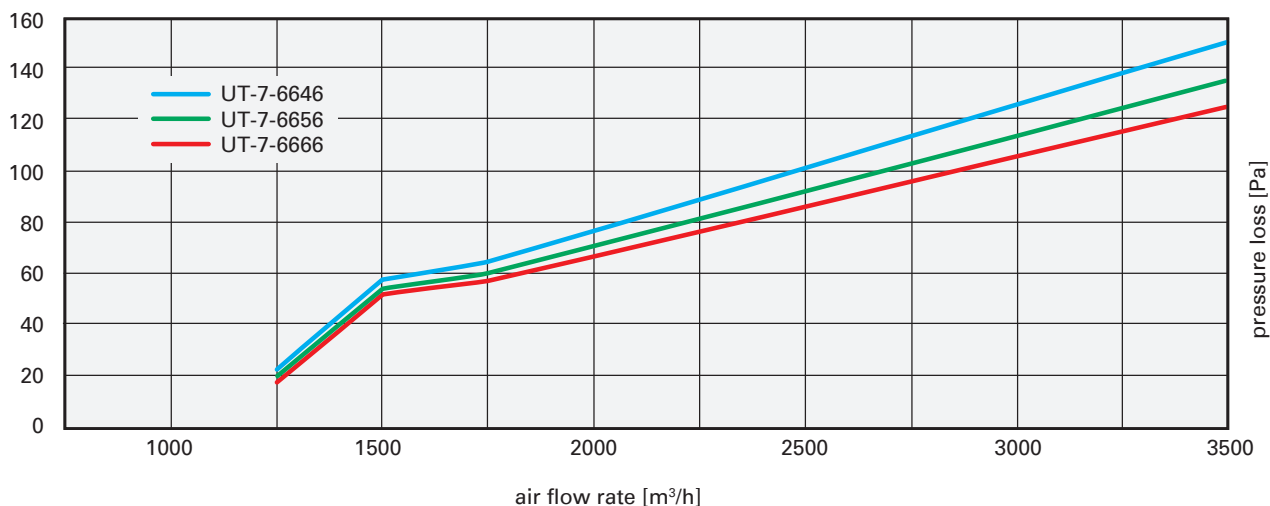


Table of standard sizes

	UOM	UT-7-6666	UT-7-6656	UT-7-6646	UT-7-5665	UT-7-5655	UT-7-5645
Class acc. EN 779: 2012		F7			F7		
Frame size (width x height)	[mm]	592 x 592			490 x 592		
Pocket depth	[mm]	635	525	380	635	525	380
Number of pockets	[n]	6	6	6	5	5	5
Expense	[m³/h]	3400			2700		
Initial resistance	[Pa]	125	135	150	125	135	150
Rec. final resistance	[Pa]	450			450		

	UOM	UT-7-3663	UT-7-3653	UT-7-3643	UT-7-3363	UT-7-3353	UT-7-3343
Class acc. EN 779: 2012		F7			F7		
Frame size (width x height)	[mm]	287 x 592			287 x 287		
Pocket depth	[mm]	635	525	380	635	525	380
Number of pockets	[n]	3	3	3	3	3	3
Expense	[m³/h]	1700			800		
Initial resistance	[Pa]	125	135	150	125	135	150
Rec. final resistance	[Pa]	450			450		

Loss of pressure as a function of air flow rate for the 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.

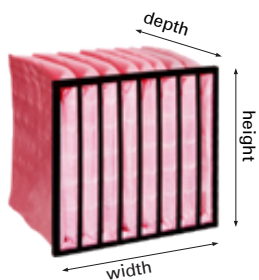
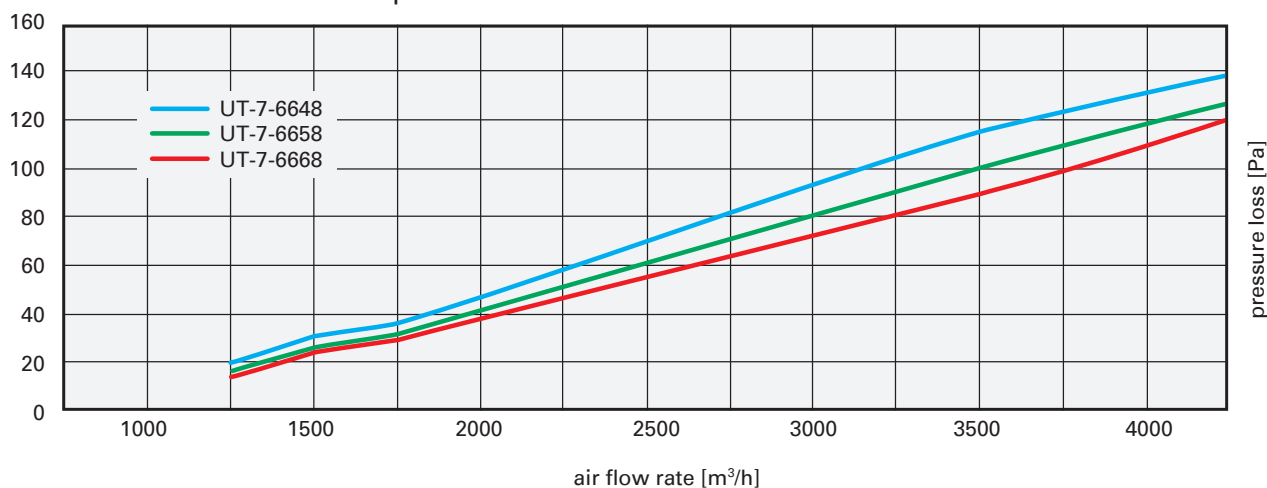


Table of standard sizes

	UOM	UT-7-6668	UT-7-6658	UT-7-6648	UT-7-5666	UT-7-5656	UT-7-5646
Class acc. EN 779: 2012		F7			F7		
Frame size (width x height)	[mm]	592 x 592			490 x 592		
Pocket depth	[mm]	635	525	380	635	525	380
Number of pockets	[n]	8	8	8	6	6	6
Expense	[m³/h]	3400			2700		
Initial resistance	[Pa]	90	100	115	90	100	115
Rec. final resistance	[Pa]	450			450		

	UOM	UT-7-3664	UT-7-3654	UT-7-3644	UT-7-3364	UT-7-3354	UT-7-3344
Class acc. EN 779: 2012		F7			F7		
Frame size (width x height)	[mm]	287 x 592			287 x 287		
Pocket depth	[mm]	635	525	380	635	525	380
Number of pockets	[n]	4	4	4	4	4	4
Expense	[m³/h]	1700			800		
Initial resistance	[Pa]	90	100	115	90	100	115
Rec. final resistance	[Pa]	450			450		

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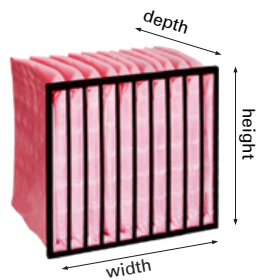
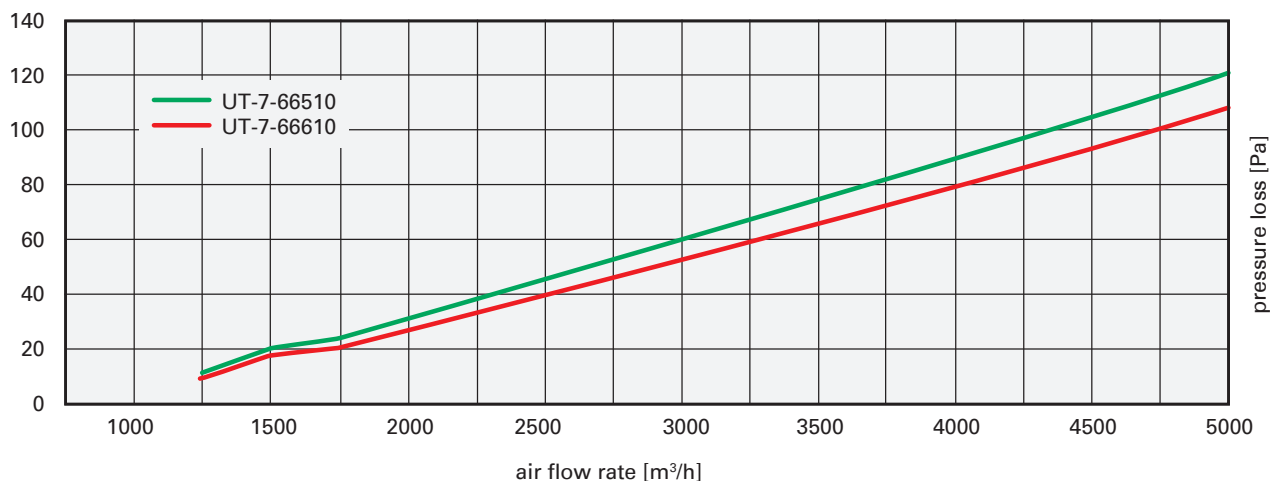


Table of standard sizes

	UOM	UT-7-66610	UT-7-66510	UT-7-66410	UT-7-5668	UT-7-5658	UT-7-5648
Class acc. EN 779: 2012		F7			F7		
Frame size (width x height)	[mm]	592 x 592			490 x 592		
Pocket depth	[mm]	635	525	380	635	525	380
Number of pockets	[n]	10	10	10	8	8	8
Expense	[m³/h]	3400			2700		
Initial resistance	[Pa]	65	75	90	65	75	90
Rec. final resistance	[Pa]	450			450		

	UOM	UT-7-3665	UT-7-3655	UT-7-3645	UT-7-3365	UT-7-3355	UT-7-3345
Class acc. EN 779: 2012		F7			F7		
Frame size (width x height)	[mm]	287 x 592			287 x 287		
Pocket depth	[mm]	635	525	380	635	525	380
Number of pockets	[n]	5	5	5	5	5	5
Expense	[m³/h]	1700			800		
Initial resistance	[Pa]	65	75	90	65	75	90
Rec. final resistance	[Pa]	450			450		

Loss of pressure as a function of air flow rate for the filters



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