

FLIMMER® FILTER

HIGH PARTICLE SEPARATION FILTER



SWEDISH
DESIGN &
QUALITY



Fresh
Ventilation

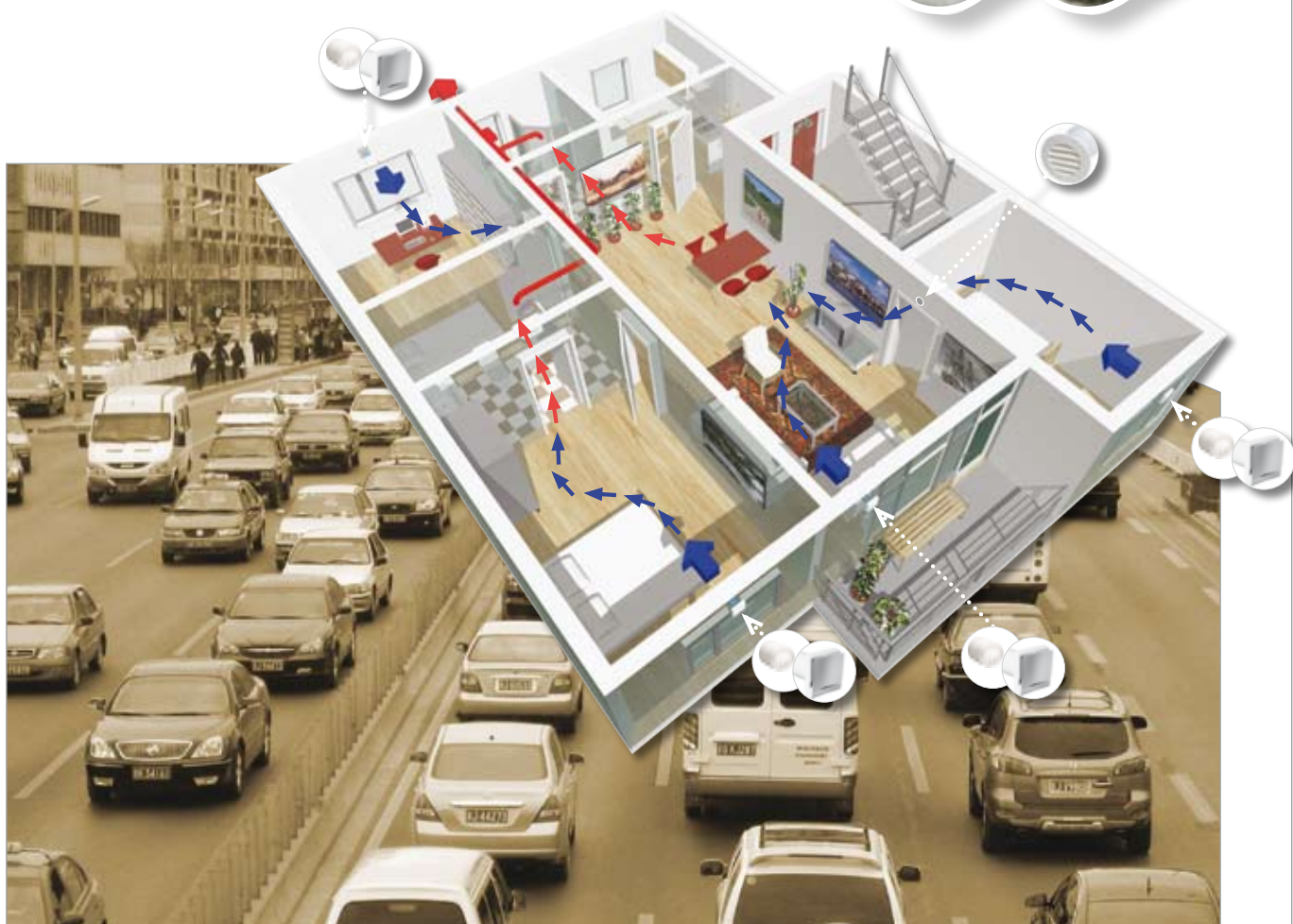
FRESH AIR - HEALTHIER LIFE



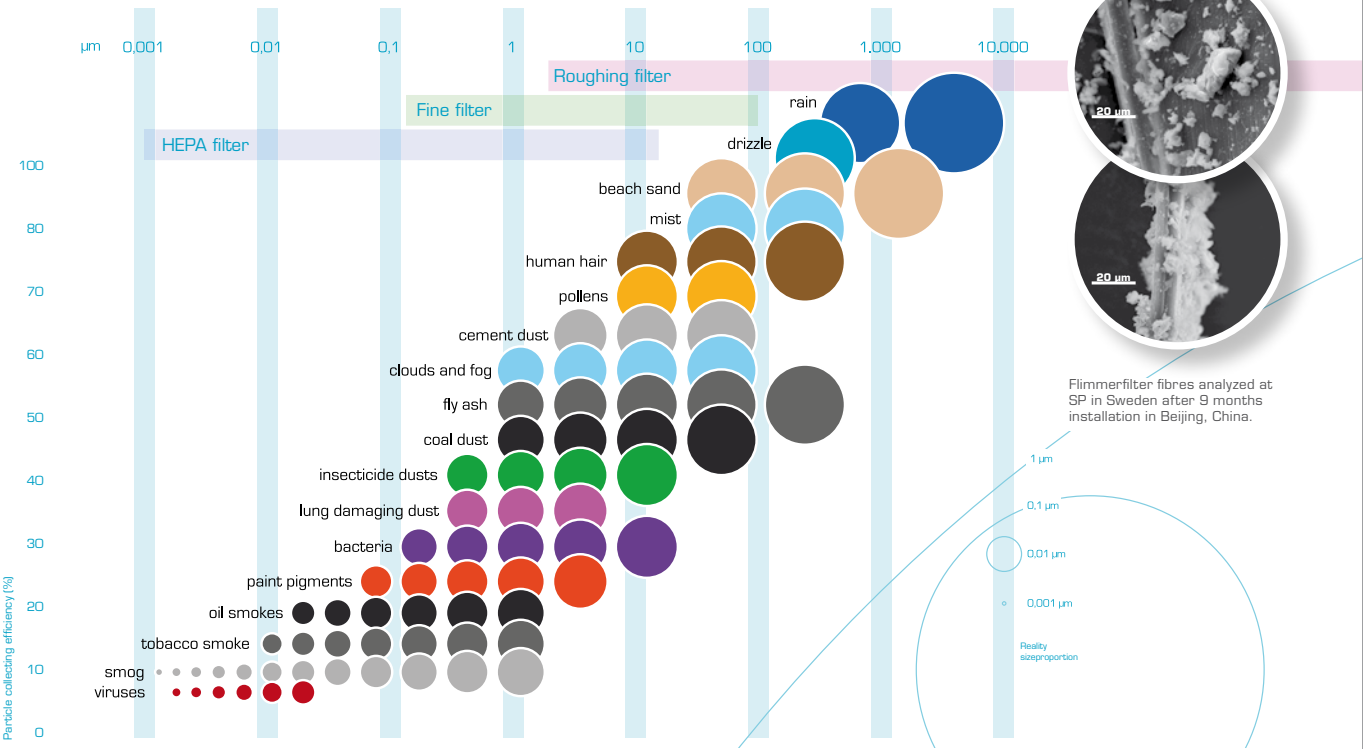
Flimmerfilter – the smart filter that cleans out the root of the problem.

Unfortunately, the air that comes into our homes is not always “fresh”. Our homes are bombarded by traffic fumes, industrial emissions, impure air from neighbouring buildings, particles, pollen, bacteria and viruses. In many cases, the air needs to be filtered before it enters into the home’s ventilation system.

The Flimmerfilter is a Swedish, universal patent filter, which is designed to provide a very high separation capacity on particles of all sizes and types. The Flimmerfilter is the first three-dimensional filter where separation is performed along the length of the fibres as opposed to conventional filters which essentially function like strainers, filtering the air through a barrier material. The Flimmerfilter has a very high separation capacity and effectively tackles particle problems in most homes.



Fresh Flimmer®filter particle separation



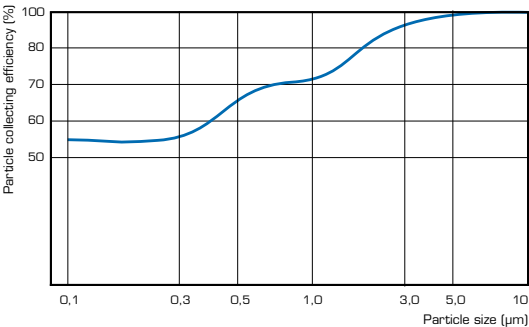
The Flimmerfilter is a mechanical filter with an electrical charge that attracts air particles to the filter's fibre threads. The statically charged fibres take out all kinds of particles, regardless of whether their charge is positive, negative or neutral.

The Flimmer fibres have an electrically charged doublelayer that is fitted just under the surface of the filter, creating a very strong adhesive force. And because filtration is performed along the length of the filter, there is no risk of it clogging up like most conventional bag or barrier filters do - not even in the most contaminated of outdoor environments. Its design also gives you superb operating durability, and up to 2 years between filter changes (the exact replacement interval depends on the outdoor environment) and a low, almost constant pressure fall for the duration of service life.

The Flimmerfilter is also 100% environmentally adapted, inflammable and thanks to the static electricity the dust adhesion is so high that filter changing is a completely dust-free process.

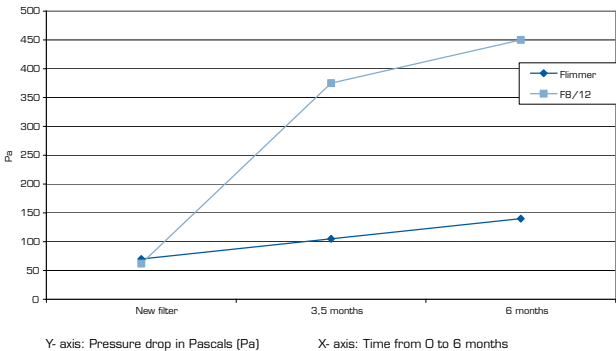
Fresh Flimmer®filter particle separation

Equivalent to filter class F7.



Pressure drop

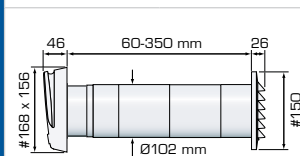
The Flimmerfilter has an inlet area of 200 mm x 600 mm and the fibre length is 230 mm. Three Flimmerfilters were put together in the test. For comparison bagfilter F8 filter with 12 bags, inlet area of 592 mm x 592 mm and a length of 380 mm.



The Flimmerfilter fits to following wallvents

Standard

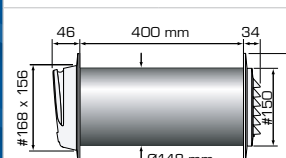
TL98F



Art no	Max airflow with Flimmerfilter	Hole opening	Sound reduction
629840	10 Pa; 5,2 l/s	Ø105mm	300 mm; 32 dB

Acoustic vent

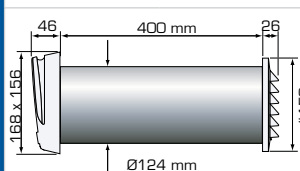
TL98F-dB



Art no	Max airflow with Flimmerfilter	Hole opening	Sound reduction
639840	10 Pa; 5,2 l/s	Ø150mm	300 mm; 46 dB

Acoustic vent

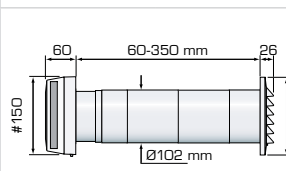
TL80F-dBS



Art no	Max airflow with Flimmerfilter	Hole opening	Sound reduction
638050	10 Pa; 5,0 l/s	Ø125mm	300 mm; 46 dB

Standard

TL98P

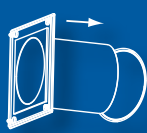


Art no	Max airflow with Flimmerfilter	Hole opening	Sound reduction
629800	10 Pa; 5,4 l/s	Ø105mm	

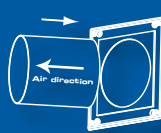
Easy to install



Dismount the internal part/ adapter.



Mount the Flimmer adapter.

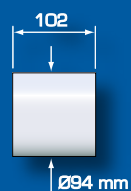


Mount the Flimmerfilter.

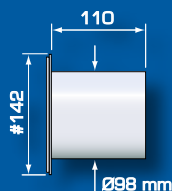


Remount the internal part.

Measurements



Flimmerfilter



Flimmerfilter adapter

