

FRESH Filter

Accessories • 2004-01-01



- Complete range of filters
- Several qualities

Fresh Filter

There are several filter-options for our vents, from coarse basic filters to high-efficient filters which separate traffic fumes, bacterias, viruses etc.



Specification

Product	Description	Art no bulk
Standard filter Fresh 80	Dust & insect-filter, 20 PPI	803276
Pollen filter Fresh 80	More compact than the Standard filter, EU4	803280
Environmental filter Fresh 80	High-efficient electrostatic filter, EU7	803277
Standard filter TL80R	Dust & insect-filter, 20 PPI	663003
Allergy filter TL80R	More compact than the Standard filter, EU4	663001
Environmental filter TL80R*	High-efficient electrostatic filter, EU7	663013
Standard filter Fresh 90	Dust & insect-filter, 20 PPI	903276
Pollen filter Fresh 90	More compact than the Standard filter, EU4	903280
Environmental filter Fresh 90	High-efficient electrostatic filter, EU7	903277
Standard filter Fresh 100	Dust & insect-filter, 20 PPI	873276
Pollen filter Fresh 100	More compact than the Standard filter, EU4	873280
Environmental filter Fresh 100	High-efficient electrostatic filter, EU7	873277
Standard filter Fresh 100 Thermo	Dust & insect-filter, 20 PPI	000119
Pollen filter Fresh 100 Thermo	More compact than the Standard filter, EU 4	000134
Standard filter TL-P	Dust & insect-filter, 20 PPI	663007
Allergy filter TL-P	More compact than the Standard filter, EU4	663005
Environmental filter TL-P*	High-efficient electrostatic filter, EU7	663016
Standard filter Fresh 40	Dust & insect-filter, 20 PPI	403276
Standard filter AL-dB 450/40	Dust & insect-filter, 20 PPI	460029
Standard filter AL-dB 800/42	Dust & insect-filter, 20 PPI (2 pcs required)	460030
Flimmer® filter	Highly efficient filter	423277
Channel filter	Dust & insect-filter, 20 PPI, for mounting in Ø100mm-channel	663011
Filter TL-X*	Dust & insect-filter, 20 PPI	
Filter TL-C*	Highly efficient filter, EU8	663014

* not a stock-item

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Standard filter

Dust & insect-filter made of foamed polyurethane, 20 PPI.

Pollen filter

Filter which efficiently separates pollen etc. Required for people with allergies or otherwise sensitive people. The filter is made of synthetic fibres and is heat resistant up to 100°C. The filter should be replaced at regular intervals (if washed its efficiency will be adversely affected). Filter class EU4.

Environmental filter

Filter with an extremely high separation capacity. The filter is used in combination with the standard filter. The fibres are electrically charged and acts as a magnet. The filter is highly effective against traffic fumes, viruses, bacterias etc.

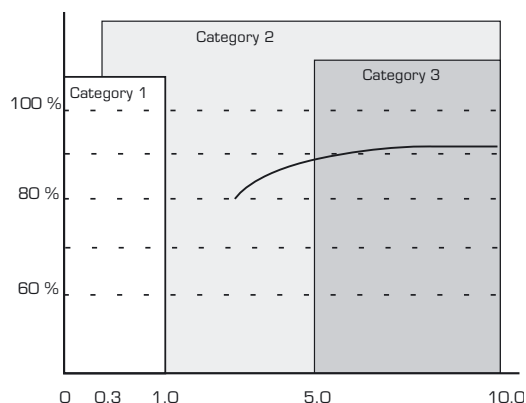
The filter should be replaced at regular intervals. The filter is heat resistant up to 100°C. Filter class EU7.

Flimmer® filter

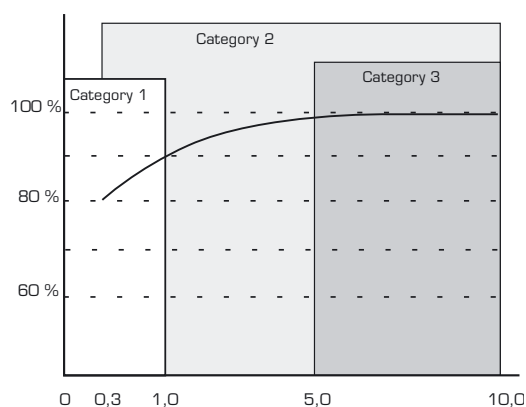
The Flimmer® filter is a Swedish, universal patented filter-construction. The advantages are several;

- * Separation along the fibres
- * Low and constant pressure fall during the whole time of use
- * Long durability, 1-2 years between filter-changes
- * High collecting efficiency on all types of particles and sizes
- * The filter as whole is adjusted to the environment = inflammable (contains only polypropylene)

Pollen filter

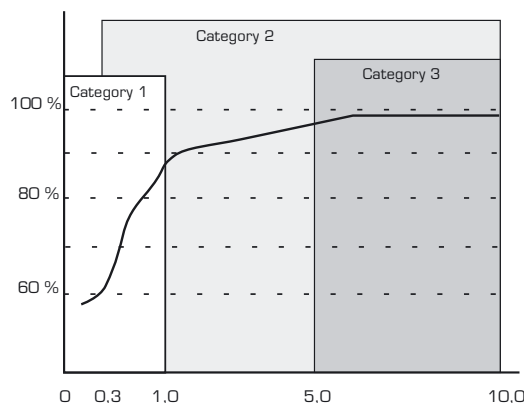


Environmental filter



The curve shows % efficiency for particle sizes in micron.
 Category 1 = viruses, tobacco smoke etc.
 Category 2 = bacteria, soot from petrol etc.
 Category 3 = Pollen.
 Air speed: 0,2 m/s.

Flimmer filter



The curve shows % efficiency for particle sizes in micron.
 Category 1 = viruses, tobacco smoke etc.
 Category 2 = bacteria, soot from petrol etc.
 Category 3 = Pollen.
 Airflow: 10 l/s, pressure 10Pa (2 filters).

Flimmer® filter collecting efficiency

Interval size of particle	0,10-0,16	0,17-0,26	0,27-0,41	0,42-0,61	0,62-0,86	0,87-1,16	1,17-1,91	1,92-2,86	2,87-6,12	<6,12
Collecting efficiency %	58	59	61	72	78	82	88	91	92	97

The measurements are made by the Royal Institute of Technology (KTH) in Stockholm. Collecting efficiencies for different particle-sizes at 10 Pa low pressure and 10 l/s airflow (measured with 2 filter cassettes)