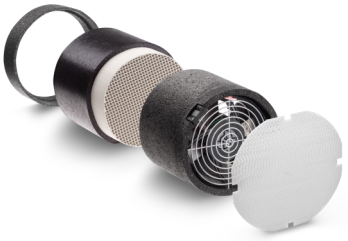
Effective pollen filters for LUNOS ventilation systems

Every year, spring also marks the beginning of the pollen season. Ventilation systems equipped with good filter technology ensure peace and quiet through effective protection in the living area.

The decentralised home ventilation systems from LUNOS are of course equipped with the best possible filters. However, if required, they can be additionally retrofitted with special pollen filters.



Exhaust air system
The pollen filter 9/FIB-P can be used here in the external wall air diffusers ALD.

Combined system
With this combination of extract air units and heat recovery units, for example with our e² series, the units of the e² series can be equipped with the pollen filter 9/FIB-P.

Ventilation with heat recovery
Since in this ventilation system e² and ego provide supply and extract air, both units can also be equipped with pollen filters.
The pollen filter 9/FEGO-P can be used for the ego, and the 9/FIB-P for the e² series.

Sound insulation screen 9/IBS
Of course, the sound insulation screen can also be operated with a pollen filter. Type 9/FIB-PL is recommended here.

Volume flows with pollen filter
An electrostatically charged foil filter achieves the balancing act of high volume flow and long-lasting, effective pollen filtration. The electrical charge makes it possible to achieve a separation efficiency of > 98 % with a particle size of 10 µm.

At the same time, the volume flow rate of the ALD with pollen filter for the three adjustable volume flows:

at 8 Pa negative pressure: 22 m³/h, 17 m³/h and 13 m³/h
at 4 Pa negative pressure: 14 m³/h, 10.5 m³/h and 8 m³/h

When using the pollen filter in the e² and e^{go} series units with heat recovery, there is no effect on the volume flow. Another advantage of the electrically charged filter is its long service life. Even a heavily loaded filter hardly decreases in volume flow rate. The filter can also be cleaned, for example with a hoover.

Your team from LUNOS Lüftungstechnik GmbH

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