

### General Information

This information is primarily intended for the user of the external wall air diffusers (ALD) from LUNOS. We assume that the units and any additional ventilation components have been installed and commissioned by a specialist.

We also assume that it is known which ventilation units or additional components have been installed and where and how they are connected.

The ALDs are passive supply air elements through which fresh, filtered outside air enters your living spaces.

### Operation and function

Depending on the demand and the degree of humidity, fans transport the exhaust air from the bathroom, kitchen, WC or washroom into the open air or into exhaust air shafts. These fans run permanently and thus create a negative pressure. Due to this negative pressure, the fresh, filtered air flows through the ALD into the living rooms, bedrooms, children's rooms and workrooms.

#### Unit types ALD, ALD-SV and ALD-S

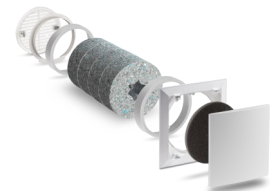
With the **ALD**, three effective star-shaped sound attenuation elements, a volumetric flow baffle, a wind pressure safety device and efficient filters ensure that noise, wind, airborne particles and insects stay outside.



The **ALD-SV** consists of four star-shaped sound attenuators, a volume flow orifice and washable long-term filters.

The **ALD-S** consists of four star-shaped silencers and washable long-life filters and is the first choice for particularly high sound insulation requirements.

Your installer, architect or planner can answer any questions you may have about the unit type.



#### Filter change

The filters should be cleaned at intervals of approx. 3 months. To do this, remove the cover of the inner panel, take out the filter and clean it in the dishwasher or with water and detergent. You can then put the dry filter back into the filter frame holder and snap the cover of the inner panel back into the "open" position.

Our regenerable filters can easily be cleaned 4-5 times before they should then be replaced. The pollen filters can only be cleaned with a Hoover or you can use new filters.

#### Maintenance

Please remove the ventilation units from the wall regularly (before and after the heating period at the latest) and wipe all surfaces with a damp cloth.

#### Decommissioning the units

If the units are switched off for a longer period of time, close the inner panels and remove the filters. If the units are shut down for more than 6 months, please have all units professionally serviced.

[www.lunos.de](http://www.lunos.de)

Your team from LUNOS Lüftungstechnik GmbH