

ALD, ALD-SV and ALD-S: Description and function

General information

This information is primarily intended for users of LUNOS external wall diffusers (ALD). 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 ALD are passive supply air elements through which fresh, filtered outside air reaches your living rooms.

Description and function

Depending on demand and humidity level, fans transport the exhaust air from the bathroom, kitchen, toilet or washroom to the outside or into exhaust air ducts. These fans run permanently and thus generate a negative pressure. Due to this negative pressure, the fresh, filtered air flows through the ALD into the living and bedrooms, children's rooms and offices.

Device types ALD, ALD-SV and ALD-S

With ALD, three effective star-shaped sound insulation elements, a volume flow damper, wind pressure protection and efficient filters ensure that noise, wind, suspended particles and insects remain outside.



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

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



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

Filter change

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

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

Maintenance

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

Shutting down the units

If the units are switched off for an extended period of time, close the inner covers and remove the filters. In case of downtimes of more than 6 months, please have all units serviced professionally.