

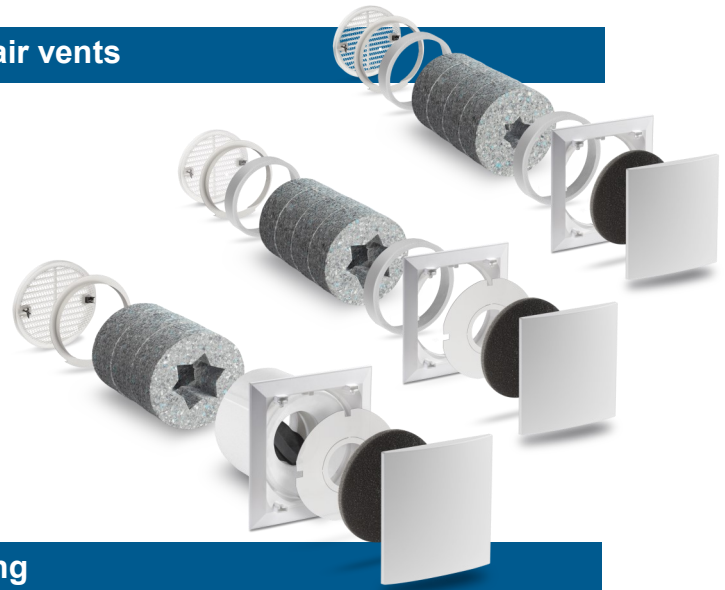
## Positioning of the outer wall air vents ALD in a room

### The outer wall air vents

The outer wall air vents are supply air elements and serve as passive air diffusers for living rooms and bedrooms. For a high level of living comfort, it is essential to integrate well thought-out sound insulation measures in wall construction, windows and fresh air supply.

LUNOS offers the ALD, the ALD-S and the ALD-SV. Depending on the volume flow and sound insulation requirements, the appropriate ALD can be used.

The comfort in the living spaces depends to a large extent on the positioning and nature of the external wall air outlets. Therefore, careful planning of the installation position must be carried out.



### Positioning

The positioning of the ALD in the room should be selected as high up on the wall as possible. For optical reasons, positioning up to the window or door lintel in line with the inner panel has proved particularly successful.

Of course, lower positions are technically possible. However, incoming air can possibly cause draughts if the air is not sufficiently preheated by the room air.

However, if the incoming air is heated as quickly as possible and outside the occupied zone, the risk of draughts is more likely to be eliminated. Therefore, an optimal arrangement of the ALD in relation to the heating surfaces is necessary.

Positioning behind radiators or pieces of furniture as well as curtains is also possible. A distance of approx. 70 mm between the inner panel and the heating or piece of furniture is necessary in order to be able to carry out cleaning and maintenance work.

Please contact us in special cases to check the possibilities.

Your team from LUNOS Lüftungstechnik



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