

Outer Wall Air Vent ALD Built-In Device

Description and functions

The external wall air diffuser ALD serves as a passive airflow for living rooms and bedrooms. It is mainly used in combination with LUNOS Silvento range of exhaust air units. With base load operation of the exhaust fans in the functional rooms such as bathrooms and kitchens, a constant negative pressure is created and in this way fresh air is transported into the house via the ALD.

LUNOS is now using a multi-component foam for the ALD. Due to the manufacturing process, a high specific weight of the foam and a reduction of penetrating noise over a wide frequency range can be achieved. The standard three polyhedral sound absorbers can be supplemented by further elements. The supplied wind pressure safety device protects against uncontrolled draughts.

The air volume can also be reduced or adjusted as required for each living room or bedroom by means of a supplied volume flow damper.

Order No. 039 997

This ensures a user-independent ventilation according to DIN1946-6.

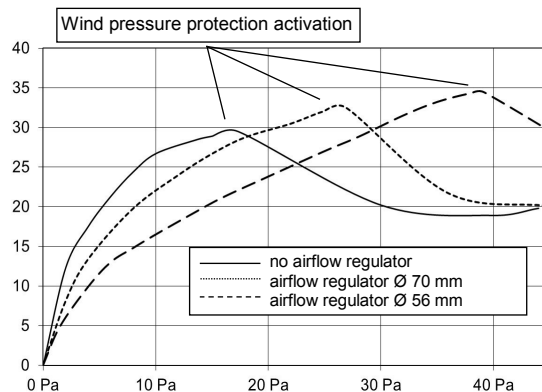
Installation

The built-in device is inserted into the round duct 9/R 160 (ø 162 mm) and installed with a slight gradient to the outside in the outer wall.

An electrical connection is not required, since the ALD is not motorised.

Technical data

Airflow volume without volume flow damper	12,5 m ³ /h at 2 Pa 18 m ³ /h at 4 Pa 25 m ³ /h at 8 Pa
Standard sound level difference with a wall thickness of 360 mm	50 dB with 9/IBE, 1/WE 53 dB with 9/IBE, 1/HWE 58 dB with 9/IBE, LUNOtherm-S
Standard sound level difference with a wall thickness of 500 mm	56 dB with 9/IBE, 1/WE 57 dB with 9/IBE, 1/HWE 62 dB with 9/IBE, LUNOtherm-S



Note

Products and illustrations may vary slightly. Due to continuous product development and/or several suppliers e.g. for raw materials, colours, among other things, may vary slightly (not for visible parts) or be shown differently in brochures.



E257 12.18