

Description and functions

The Ne^{xx}t is a decentralised heat recovery unit, which combines the advantages of centralised and decentralised ventilation and is at the same time one of the quietest units currently available in this class. The heat transfer is effected by a crossflow heat exchanger made of aluminium.

Placed behind an elegant screen, the control provides a clear but subtle feedback by backlighting during operation. By default, the Ne^{xx}t is controlled via four humidity or temperature sensors. Both indoor and outdoor conditions are monitored. Additional sensors can be integrated in the future via a radio interface.

By using at least M5 filters through to optional F9 filtering, maximum air filtering and thus particularly good hygiene is achieved.

Order No. Built-in device 040 130

Installation

The installation is carried out in the area of the outer wall. A flush-mounted variant is available for this purpose and a surface-mounted variant is also available for low wall thicknesses.

A 160 wall-tube is used for the outward passage. The installation housing with a depth of 170 mm is installed in the outer wall. For the remaining distance to the outside, a core bore is required in which the wall-tube is inserted and filled with adapters. A passive transition piece and two additional adapters are included in the delivery. In this way, an installation depth of 475 mm is achieved. If this should not be sufficient, further adapters can be connected. For surface-mounted installation, an additional screen (surface-mounted set) is required for the installation housing. Only then the Ne^{xx}t can also be installed on the outside wall.

Please observe the installation manual and have the electrical connection of the fan made in a professional manner.

Technical data

Airflow volume	15 - 110 m ³ /h <i>Stagelessly settable</i>
Voltage	230 V / 50 Hz <i>115 V / 60 Hz on demand</i>
Power consumption**	22 Watt
Heat provision level*.*.*	62 %
Max. heat provision level <i>at 15 m³/h and test conditions according to EN13141-8</i>	80 %
Sound power level	40 dB(A)
Minimum wall thickness required	Flush-mounted 110 mm Surface-mounted 280 mm
Dimensions of the device (W x H x D)	480 x 480 x 170 mm
Dimensions of the inner screen (W x H x D)	510 x 510 x 66 mm
Dimensions of the outer hood (W x H x D)	235 x 205 x 72 mm

*according to EN 13141-8

**at 70 % of the max. airflow volume, according to ErP directive EU regulation 1254, measured with M5-Filters

Note

Products and illustrations may be subject to slight variation. 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.



Ne^{xx}t by LUNOS ensures energy efficient class A according to the Ecodesign Directive



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