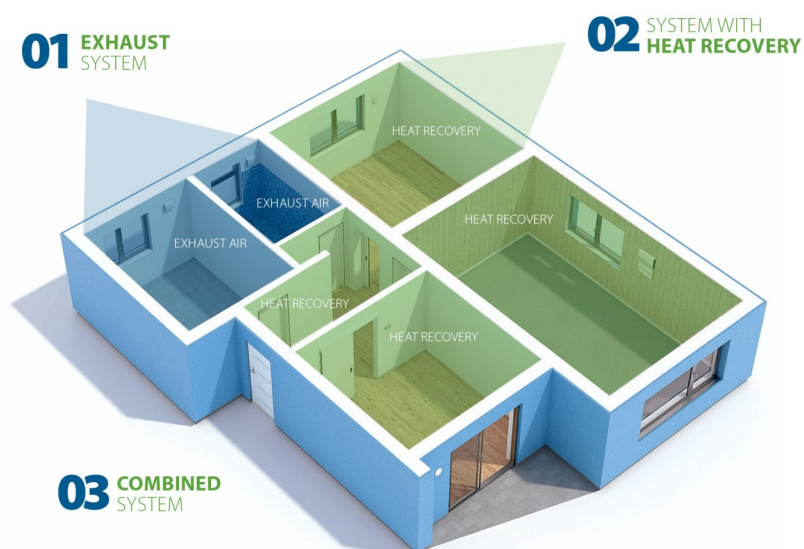


Hybrid ventilation system

Dear Ladies and Gentlemen,

First of all, congratulations on your choice of our high-quality ventilation system. Hybrid ventilation systems are combinations of at least two different types of ventilation. In the case of LUNOS, this is the particularly effective combination of fans with heat recovery and exhaust air units.

These units are used to provide a continuous supply of fresh air in your house / flat. In order to achieve the best possible results, the units with heat recovery should never be switched off completely, but should be switched between the available volume flow rates according to the room use. The extract air units, on the other hand, should only be switched on when required.



With hybrid ventilation, all living rooms in the residential unit are equipped with e² type heat recovery units. The exhaust air rooms, such as the kitchen, bathroom or WC, are vented with an exhaust air unit.

The e² works according to the regenerative heat exchange method. Similar to a rechargeable battery, a storage element charges itself with thermal energy in a reversing operation and releases the heat back to the supplied fresh air. The units are always used in pairs.

The extract air units (AB 30/60, RA 15-60 and Silvento) only vent when required. Venting means that polluted air from the bathroom, kitchen or WC is conveyed outside with the help of the fan and cannot flow back into the living spaces. No heat can be recovered in this process.

It is generally recommended to equip the extract air units with a programmable time delay module. This ensures that there is always sufficient ventilation and the fan switches off automatically after the set time.

e²: The e² is particularly suitable for use in living rooms and bedrooms.

Exhaust air units: These ventilate functional rooms such as bathrooms, kitchens, WCs and HWRs.

Silvento ec: It is mainly used in multi-storey residential buildings as soon as ventilation is provided via shafts. This is especially the case with interior, windowless bathrooms or kitchens.

RA 15-60 and AB 30/60: They are used in detached houses and apartment buildings, provided the exhaust air rooms have an external wall and at least one window.

Your team from LUNOS Lüftungstechnik GmbH

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