

Press Release

Innovation leader LUNOS presents the new e⁸⁰ series

Berlin, autumn 2024 – LUNOS, pioneer and market leader in the field of decentralised residential ventilation, proudly presents the new models from the e⁸⁰ series, which, in addition to the new 5th generation heat exchanger, are equipped with a new motor and a wireless screen – a milestone in energy efficiency and sustainability.

Since the introduction of the e² series in 2010, LUNOS has continuously worked on innovations and is now the world leader in the field of decentralised ventilation systems with heat recovery. More than 750,000 e² devices from the e² family (incl. e⁸⁰) have been successfully installed in buildings worldwide since 2011, resulting in significant energy savings of around 20 % of heating energy.

Proven for over 10 years, the ego is equipped with the latest achievements of the LUNOS development department. All four fans in the e⁸⁰ series will be fitted with the new polymer-based rotary angle heat exchanger (pbD heat exchanger), making them even more sustainable with the same energy efficiency.

The new ec motors in the e⁸⁰60 and e⁸⁰60-RF fans not only make the devices quieter and more efficient, but also increase the exhaust air flow rate to 60 m³/h. The e⁸⁰-RF and e⁸⁰60-RF can be operated particularly conveniently with a wireless-linked Smart Comfort control, the RC-EO remote control or also via app with the UNI-EO wireless module attached.

Unlike traditional ceramic heat exchangers, which require high energy inputs during production, the new pbD heat exchanger uses an environmentally friendly, recyclable polymer material. Through a patented-pending injection moulding process, the heat exchanger achieves optimized flow geometry and homogeneous surface flow, leading to an efficiency increase of 3 to 5 percent.

Not only environmentally friendly and energy-efficient but also quieter, lighter and more powerful: The new pbD heat exchanger allows for over 50% weight savings and reduces energy consumption during the entire manufacturing process by over 70%. Thus, LUNOS not only sets standards in ventilation technology but also in sustainable production.

The new e⁶⁰ with the new heat exchanger:



The new e⁶⁰60-RF with new motor, the new heat exchanger and the new wireless screen:



The new ec motor:



The new heat exchanger:



About LUNOS

Founded in 1959, [LUNOS Lüftungstechnik GmbH](#) is the world market leader for ventilation technology and serves an international clientele in the private and commercial sector. The company's focus is on decentralized residential ventilation, including heat recovery systems, smart home equipment, and a wide range of accessory elements.