

The Royal League in ventilation, control and drive technology

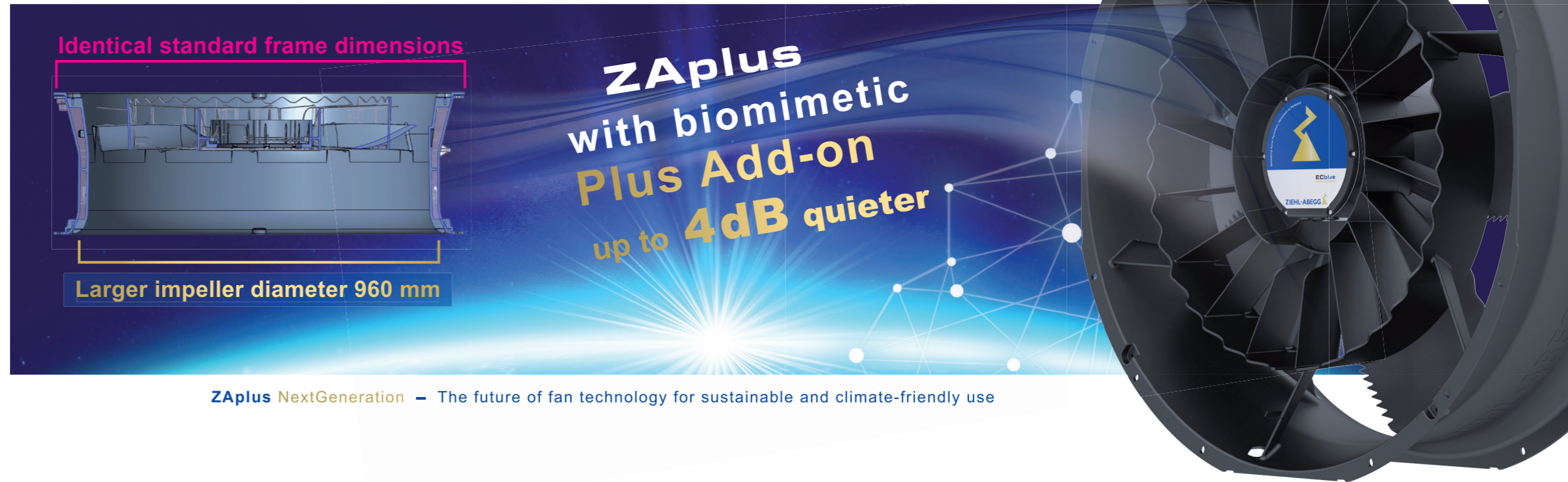


ZAPLUS
NextGeneration
with silent-mode through fine air dividing technology

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ZAplus NextGeneration with biomimetic Plus Silent-Mode

The new **ZAplus** – Next Generation fan system is a step into the future. With state-of-the-art technical highlights, the fan system outperforms anything that has come before. The most spectacular new development is the "golden" plus **silentmode**. This incorporates a biomimetic fine air dividing technology developed using the very latest technical findings, which achieves a unique acoustic reduction of 4 dB compared to conventional fans, opening up a more efficient performance range for the entire **ZAplus** system. The significant increase in impeller diameter to 960 mm instead of the previous 910 mm, with the same standard frame dimensions, achieved 9% higher air flow at 60°C. **ZAplus** Next Generation is equipped with exceptional high-tech components and has the stamp of high-efficiency blue technology. Energy consumption savings, significantly reduced acoustic values and totally reliable operation ensure sustainable, climate-friendly, reduced CO₂ use for the future.

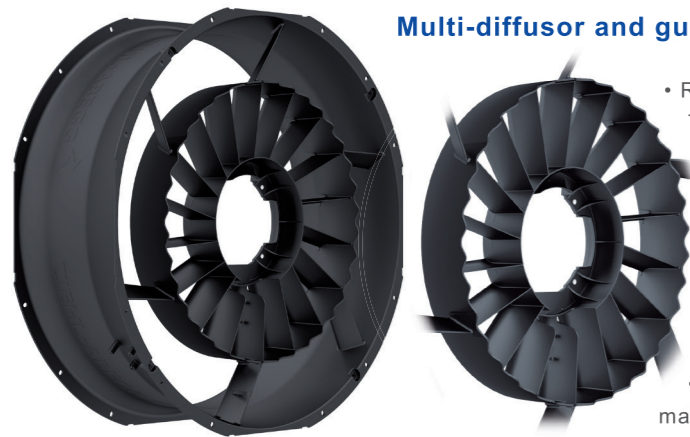


ZAplus NextGeneration – The future of fan technology for sustainable and climate-friendly use

ZAplus NextGeneration – The most climate-friendly, most energy-saving, quietest fan

Unique, powerful components in the ZAplus NextGeneration

Multi-diffusor and guide vane with biomimetic fine air dividing technology



- Robust multi-diffusor leads to a major increase in performance. The nozzle ensures aerodynamically optimized air guidance and extremely reliable impeller and motor stability.
- The only fan in the world featuring the brand new guide vane with special biomimetic fine air dividing technology for exceptional reduced acoustic values with up to 4 dB lower noise levels.
- Impressive gain in performance for the entire system.
- Excellent corrosion protection thanks to made of high-performance composite material.

Biomimetic fan FE3owlet

The world's only biomimetic axial fan, offering unrivaled performance.

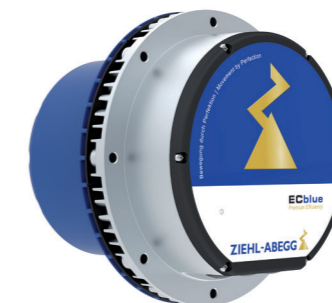
- Biomimetic impeller – Blade design with serrated trailing edge, profiled, sickle-shaped blades (FE3owlet), new front blade edge inspired by biomimetic principles for unbeatable impeller performance.
- Made of corrosion-free, durable high-performance composite material.



Energy-saving motor ECblue

Premium Efficiency motor for coordinated and reduced cost usage.

- Perfectly designed for minimum noise levels, minimal power consumption, maximum system efficiency and significantly reduced CO₂ emissions – optionally with Bluetooth for predictive maintenance.
- MODBUS with patented ZIEHL-ABEGG auto-addressing (standard).



Quadratic adapter plate

- Biomimetic honeycomb structure ensures maximum stability.
- Made of high-quality and durable composite material.

