

Movement by Perfection



Ventilation, control and drive technology



## **Z**Aplus NextGeneration

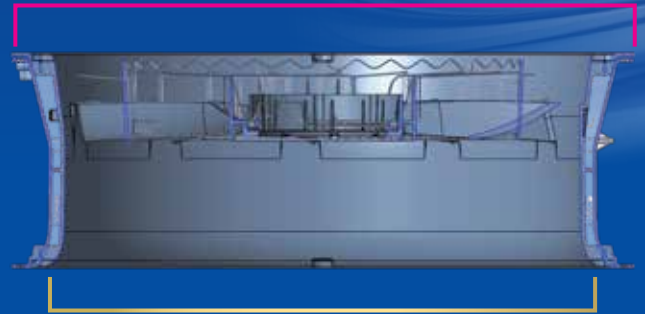
With silent mode thanks to fine air filter function

# ZAplus NextGeneration – Climate-friendly, energy-saving, quiet fan

The new ZAplus NextGeneration fan system is the future – pure and simple. With the latest technical highlights, the fan system surpasses everything which came before. The most spectacular new development is the special addition – Plus silent mode. A bionic fine air filter function developed according to the latest technical knowledge reduces the acoustic noise by up to 6 dB\* compared to conventional fans. The impeller diameter has also been increased while retaining the same standard frame dimensions – it increases the air output and thus extends the efficient performance range of the ZAplus overall system. ZAplus NextGeneration is equipped with outstanding high-tech components and bears the hallmark of highly efficient blue technology. With energy consumption savings, significantly reduced acoustic values, and absolutely reliable operation, climate-friendly, CO<sub>2</sub>-reduced, sustainable use in the future is guaranteed.

The ZAplus NextGeneration is available in **sizes 960, 870, and 710 mm** and thus offers flexible potential uses for compact, quiet, and energy-saving applications.

Identical standard frame dimensions



Larger impeller diameter



## Multi-diffuser and guide vane

- Resistant multi-diffuser leads to a major increase in performance. The nozzle ensures aerodynamically optimized air flow and extremely reliable stability of the impeller and motor.
- Newly developed guide vane with special bionic fine air filter function for new, exceptionally reduced acoustic values with up to 6 dB\* less background noise is unique globally.
- Impressive increase in performance for the entire system.
- High corrosion protection thanks to corrosion-free nozzle made of high-performance composite material.

Thanks to the Plus bionic feature, the fan is up to **6 dB quieter\***



\* The figures refer to the comparison with the predecessor model ZAplus.

### FE3owlet bionic fan

Bionic axial fan with unsurpassed top performance – unique globally.

- Bionic impeller – blade design with serrated trailing edge, profiled, sickle-shaped blades (FE3owlet), blade leading edge inspired by new, bionic operating principles for unbeatable impeller performance.
- Made of corrosion-free, resistant high-performance composite material.

### Square adapter plate

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

### Energy-saving motor ECblue

Premium Efficiency motor for coordinated and low-cost use.

- Perfected for the lowest noise level, minimal power consumption, maximum system efficiency, and significantly reduced CO<sub>2</sub> emissions – optional Bluetooth for predictive maintenance.
- MODBUS with patented ZIEHL-ABEGG auto-addressing (standard).



