

Movement by Perfection



The Royal League in ventilation, control and drive technology



FE3owlet

Ready for the next level of ErP

FE3owlet

With AC motor technology

The new FE3owlet with AC motor is ready for the future with clearly improved performance features. The improved motor concept offers a new diversity and options such as the 60 Hz solution. The also-optimised motor cooling permits easy use of the robust motor even at very high temperatures. Combined with a bionic blade concept specifically developed for these needs and the option of differentiated adjustment to various blade angle settings or operating points entirely changes the operating quality for the user.

The new fan concept for AC motors reduces the noise values as well. The successful technical combination – bionic blade concept and motor – turns the new fan into a unique, new highlight of its kind even beyond and makes it ErP-compliant beyond 2020.

FE3owlet

FE3owlet – For Even Greater Diversity and Options

Globally unique bionic blade concept for unsurpassed performance



The successful adaptation of essential insights from the wing shape of the nocturnal barn owl in development of the blade profile – with a profiled, sickled blade and a serrated trailing edge – leads to a blade design unique in the world with incredibly efficient flow behaviour, larger air volumes and drastically reduced noise development as compared to similar fans.



Based on further bionic principles, the ZIEHL-ABEGG engineers and technicians adapted knowledge to the new bionic wing design of the FE3owlet. Especially the corrugated leading edge provides optimum airflow even under disturbed air conditions – the impeller benefits and therefore has a significantly better air performance.

READY FOR THE

ErP Future

FE3owlet is already ready for the next level of ErP

Future-proof

ZIEHL-ABEGG motors are ready for the future and ErP-compliant

50/60 Hz solutions

Higher nominal outputs are possible through new 60 Hz solutions

Perfect operating point

Ideal combination of blade angle and best efficiency of the motor

Adjusted to Individual Needs

Advantages at a glance

- ErP-compliant
- Improved acoustics
- 50 Hz and 60 Hz solutions possible
- Power adjustable to any need
- Low operating costs
- Can be used at high temperatures as well
- Maintenance-free use



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