

Movement by Perfection



The Royal League in ventilation, control and drive technology



## FPowlet

Fan model range especially for heat pumps

## FPowlet

With a wing chord length that is unique in the world and biomimetic leading and trailing edge, the new fan model range developed especially for heat pumps provides the basis for extremely flexible and uniquely low noise air transport. Created for the heat pumps of the future, the three-blade impeller concept is ideal for transporting a higher air flow without resistance. The new design also makes the application acoustically unbeatably quiet, extremely efficient and reduces CO<sub>2</sub> emissions to a minimum.

For heat pumps with a future

The new fan model range has been awarded a Premium Efficiency rating. Equipped with future-oriented intelligent ECblue motor technology, these fans already meet the highest standards of the future. The ECblue motor effectively regulates the air requirement and thus saves huge amounts of energy and, even in the best case, ensures no or controls low night-time reduction at a barely audible sound level.



Developed in accordance with the ZIEHL-ABEGG biomimetic principles

Efficient and quiet at the same time

Specially designed for heat pumps for living - quiet, energy saving and climate friendly

## Extra-quiet – extra-efficient – extra eco-friendly

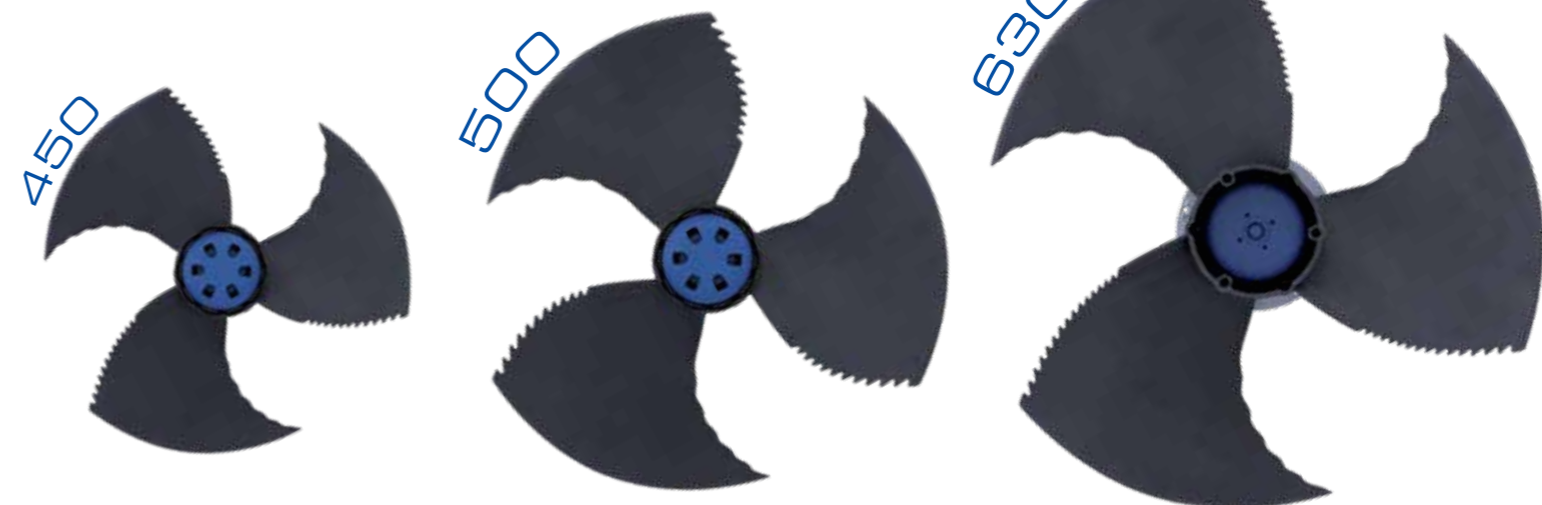
### Extraordinary advantages for use in heat pumps:

- **Up to 5 dB quieter than ever before**
- **Efficient, sustainable air transport**  
thanks to newly developed blade design with extraordinary wing chord length and proven biomimetic inlet and outlet edges
- **Highly efficient, with minimal current demand - extremely energy saving**
- **Highly adapted for numerous customer-specific devices**
- **Even quieter in very specific applications**
- **No or very low night-time reduction**  
therefore more heat pump output at night
- **The perfect combination for exact performance**  
High-tech fan with bionic blade concept and intelligent ECblue motor technology

### Unbeatable acoustics and efficiency

**Impressive sound emission threshold**  
(e.g. at night): 25% more air leading to increased power/heat output, with minimal acoustic issues

**The quietest heat pump fans**  
Available sizes: (mm):



The new wing chord length for more efficient and much quieter air transport

minimizes CO<sub>2</sub> emissions

# The Royal League

