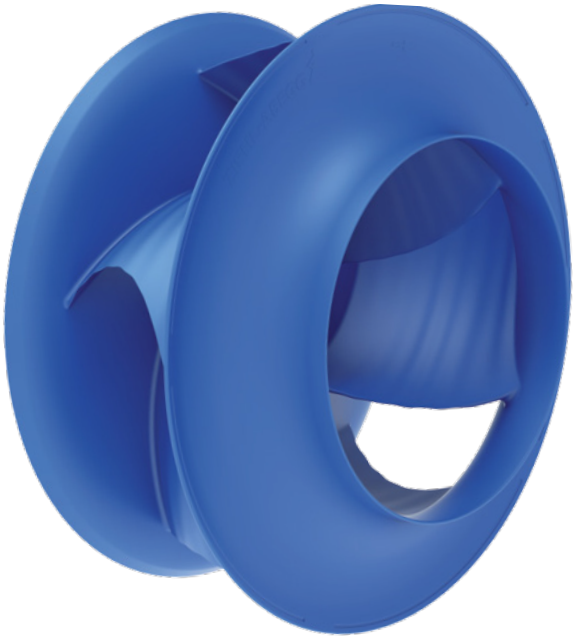
Movement by Perfection

The Royal League in **ventilation**, control and drive technology



ZAbluefin

Blue innovation made of premium composite material ZAmid®

ZIEHL-ABEGG

ZAbluefin

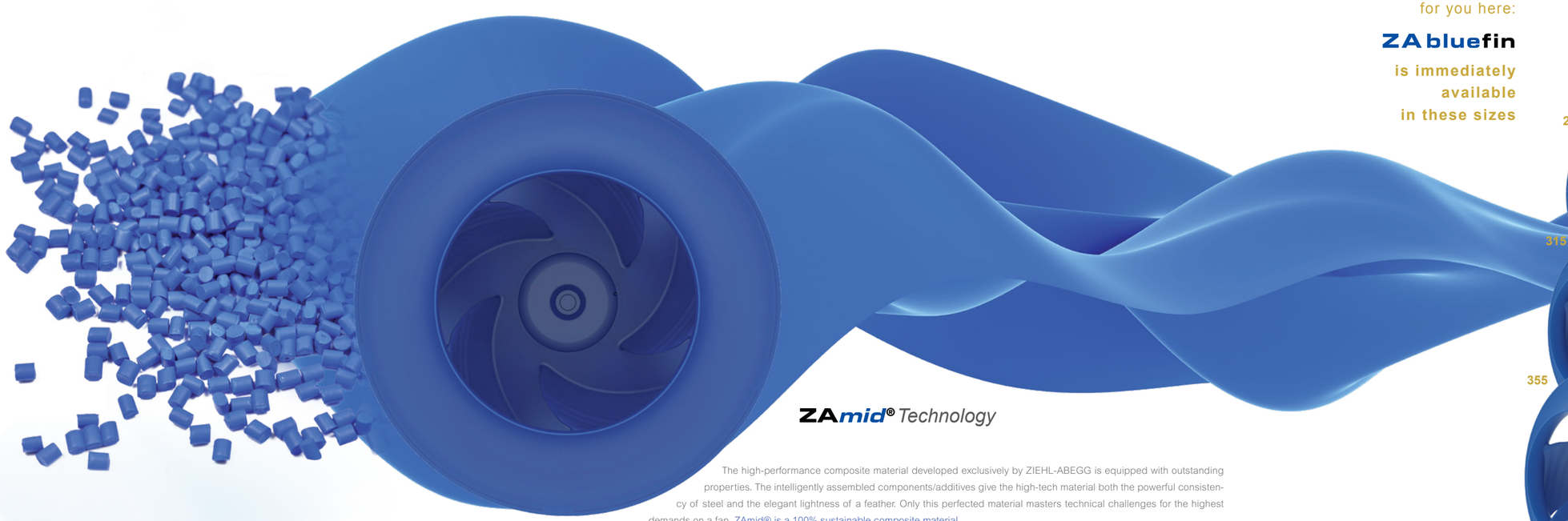
The blue innovation in fan technology for unbeatable efficiency, savings potential and 100% sustainability

That is the best we can do. The new ZAbluefin from the high-performance composite material ZAmid® is equipped with the best characteristics for an energy revolution in any application. The bionic blade concept, already successful and proven as ZAbluefin in steel, based on the model of the humpback whale, now reaches its absolute peak in the combination of high-quality material and technical ingenuity.

Never before seen efficiency, bionic, corrugated, extremely efficient, super lightweight and whisper quiet

The unique bionic blade design provides the new fan in ZAmid® technology with unbeatable performance and makes it incomparably fluid flow agile with an increase of system efficiency of up to 7% as well as further reduced sound power.

Always one step ahead of the future, the operating characteristic of the ZAbluefin is already precisely matched to maximum efficiency and therefore already saves a tremendous amount of operating costs with unsurpassed performance features.



The future is waiting for you here:

ZAbluefin is immediately available in these sizes

250 · 280 · 315 · 355 · 400 · 450 · 500 · 560

ZAmid® Technology

The high-performance composite material developed exclusively by ZIEHL-ABEGG is equipped with outstanding properties. The intelligently assembled components/additives give the high-tech material both the powerful consistency of steel and the elegant lightness of a feather. Only this perfected material masters technical challenges for the highest demands on a fan. ZAmid® is a 100% sustainable composite material

ZAbluefin – bionic revolution in material, shape and performance

Unique design for maximum efficiency

- Tubercle at the inlet edge of the blades
- Twisted blade design with corrugated surface
- Serrated blade outlet edge
- Further optimised diffuser effect
- More mixed-flow design for more efficient operation in small device cross sections
- Perfectly matched to ECblue motor technology

The driving force of the future

New ECblue motor technology

Highest system efficiency with new ECblue motor technology

The latest generation of ECblue motor technology is 100% future-oriented. With impressive innovative performance features that more than do justice to a modern energy-saving motor, this motor technology is becoming the safest and most efficient thing in the world.

HIGHLIGHTS ZAbluefin with ECblue

- Highest energy saving potential
- Unbeatable acoustic values
- Reduced installation losses
- Optimised for air handling unit installation
- Intelligent communication
- Energy efficiency class IE5
- Integrated vibration sensor for predictive maintenance

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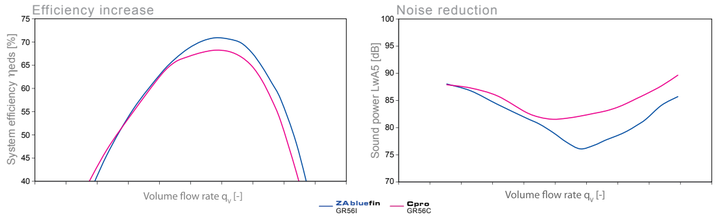
New maximum ZAbluefin with a new dual leadership in Performance

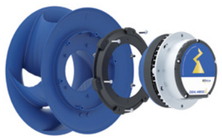
Repeated efficiency increase

Repeated reduction of acoustic values

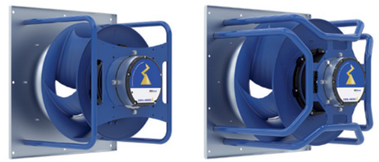


Intelligent components for the ZAbluefin

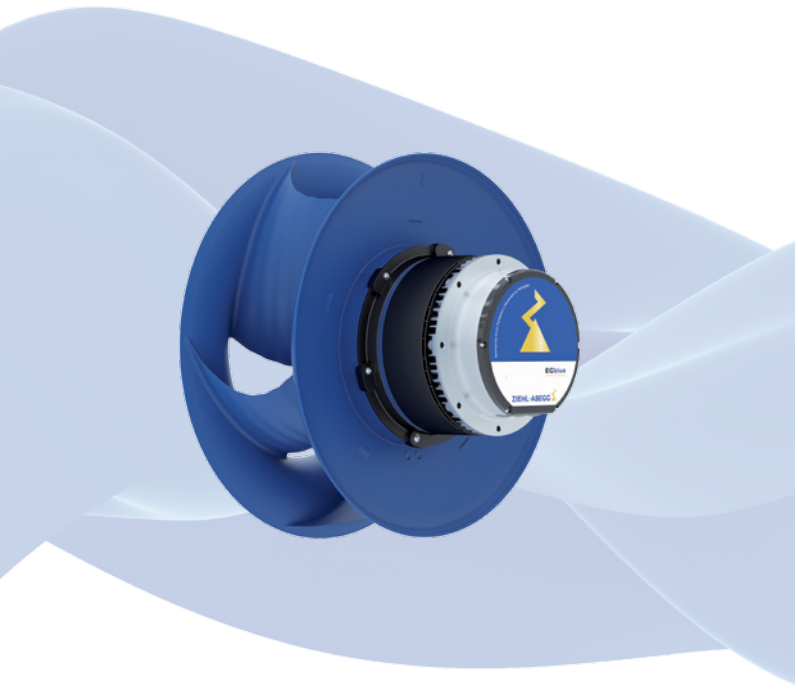
Adapter flange for maximum flexibility



Flexible GR ventilation modules

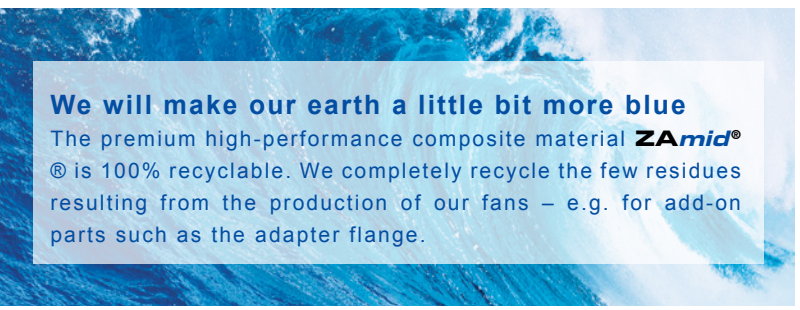


The Royal League



The blue wheel in premium composite material is 100% future-oriented.

- ▶ Characteristics are precisely matched to maximum efficiency
- ▶ Saves a tremendous amount of operating costs in use with unsurpassed features
- ▶ Acoustics reduced to a minimum
- ▶ Impressive performance even in cramped installation situations
- ▶ Optimised efficiency far beyond market and ErP standards
- ▶ Very easy installation due to RH impellers or GR ventilation modules
- ▶ Impeller made of high-performance composite material ZAmid®
- ▶ Optimised design for application in AHU



We will make our earth a little bit more blue

The premium high-performance composite material ZAmid® ® is 100% recyclable. We completely recycle the few residues resulting from the production of our fans – e.g. for add-on parts such as the adapter flange.

ZIEHL-ABEGG

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