

Movement by Perfection



The Royal League in ventilation, control and drive technology



ZAbbluefin

Blue innovation made of premium
composite material **ZAmid**[®]

ZA bluefin

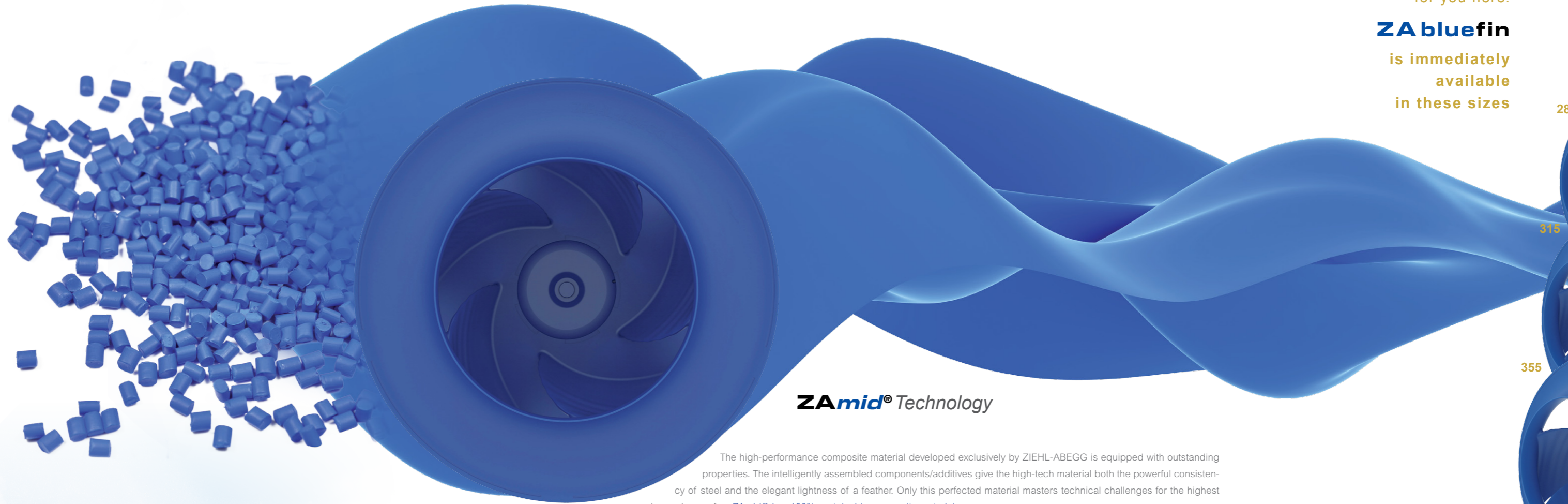
The blue innovation in fan technology for unbeatable efficiency, savings potential and 100% sustainability

That is the best we can do. The new ZABluefin, already successful and proven as in steel, is now made from the high performance composite material ZAmid®. It is equipped with the best characteristics for an energy revolution in any application. The blade concept, already successful and proven in the ZABluefin steel, finds its absolute highlight in the combination of the 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.



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

The future is waiting for you here:

ZA bluefin is immediately available in these sizes

250
280
315
355
400
450
500
560

ZABluefin – bionic revolution in material, shape and performance

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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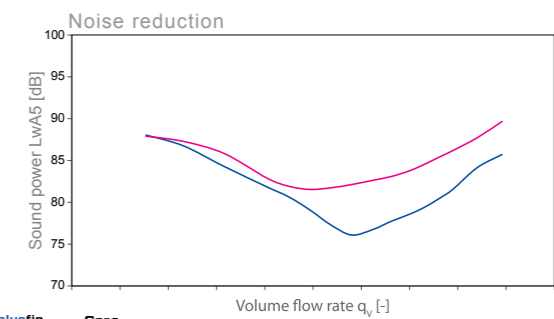
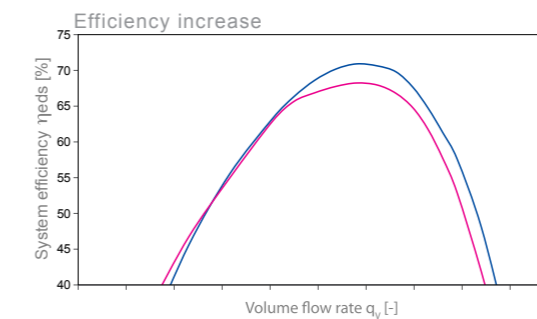
Unique design for maximum efficiency

- Bionic, corrugated leading 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

Repeated efficiency increase

New maximum ZABluefin with a new dual leadership in Performance

Repeated reduction of acoustic values

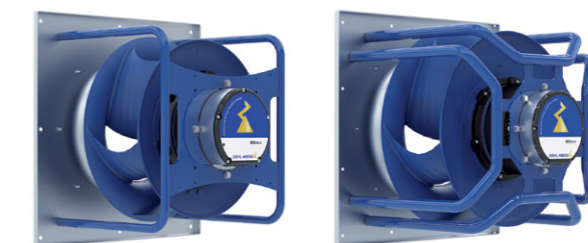


Intelligent components for the ZABluefin

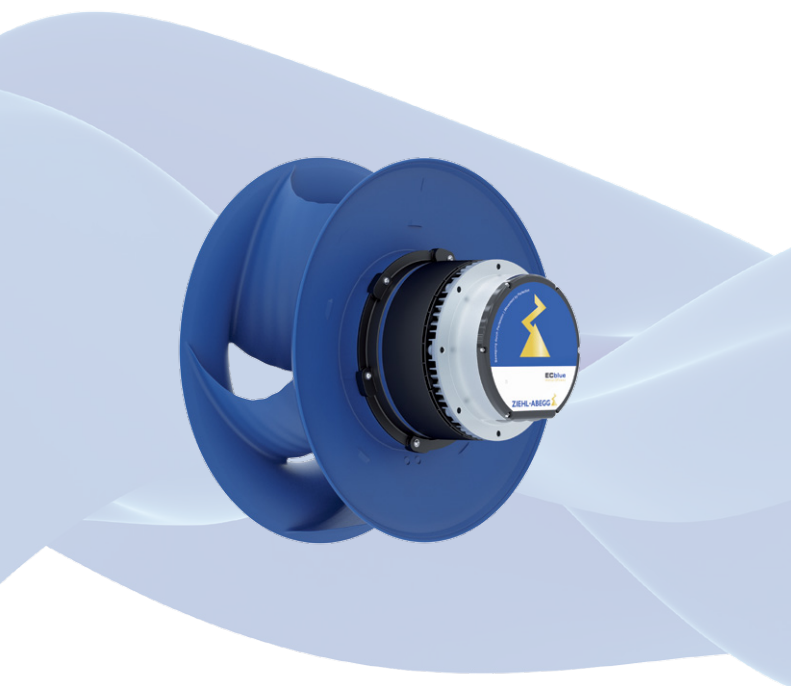
Adapter flange for maximum flexibility



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 