

Movement by Perfection



Information on the ErP Regulation

EU 2024/1834

The ErP Regulation – Ecodesign Requirements for Fans

Important information for you

A new chapter in fan technology begins - with ErP Regulation (EU) 2024/1834

With this new regulation, the European Union is setting a clear signal for sustainable innovation. It establishes the framework for forward-looking, energy-efficient product design – and raises the standards for fans to a new level.

Shaping the future with confidence:

- Greater sustainability
- Reduced environmental impact
- Maximum energy efficiency

Impact of the regulation on fans:

The regulation applies to all fans with an electrical input power

between 125 watts and 500 kilowatts. From **24 July 2026**, stricter efficiency requirements will apply – covering the entire system: motor, aerodynamics and auxiliary components will be assessed together.

Extended scope of the regulation:

- Information on partial load performance
- Resource efficiency throughout the entire life cycle
- Extended information obligations for manufacturers

Transitional period:

The new regulation will fully replace ErP Regulation (EU) 327/2011 on **24 July 2026**. For fans integrated into other products, a transitional period applies – under certain conditions – until **24 July 2027**.



ErP Regulation
by ZIEHL-ABEGG

Frequently Asked Questions about the ErP Regulation (EU) 2024/1834 – Clarity for your Planning

Who is affected by the regulation?

The regulation is legally binding in all member states of the European Union (EU). It affects manufacturers, importers, system integrators and operators. It applies to fans produced for the European Economic Area (EEA) or imported into the EU from third countries.

Products intended exclusively for export outside the EU are not subject to the regulation – although it is becoming clear that other countries are also introducing efficiency requirements.

Are there any exemptions?

Yes. For example:

- ATEX fans
- Emergency-use fans in short-term operation
- Fans for extreme temperature environments
- Fans used in transport vehicles for moving people or goods

Do existing systems need to be retrofitted?

No. The regulation applies to fans that are placed on the market for the first time from **24 July 2026**.

What applies in the case of replacements?

For replacement fans (ErP status 2015), a transitional period applies under certain conditions until **24 July 2027**.

Who is responsible for compliance with the regulation?

Responsibility lies with whoever completes the fan and places it on the market – even if it is part of a larger system.

Who qualifies as a fan manufacturer?

Anyone who assembles the motor, aerodynamics and auxiliary components is considered the manufacturer and must, for example, issue the CE marking and the declaration of conformity.

What requirements apply to fans integrated into other energy-related products?

The regulation also applies here. In addition, the requirements of the respective product-specific regulation apply – a cascading approach is used.

Where can technical data be found?

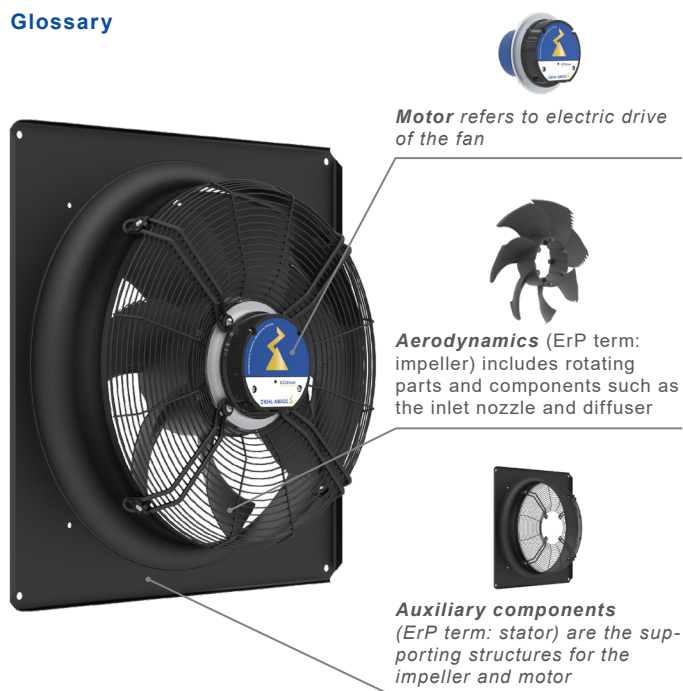
Information on compliance with the ErP Regulation (EU) 2024/1834 is available in ZIEHL-ABEGG product documentation. Our sales team is ready to provide expert advice – in person, by phone or online.

Still have questions?

All information about the regulation and your relevant contacts can be found at:

www.ziehl-abegg.com/en/service/erp-directive

Glossary



ErP-compliant into the future – with ZIEHL-ABEGG by your side

The new ErP regulation is reshaping the market: manufacturers are being called upon to reassess their fans.

With complete solutions from ZIEHL-ABEGG and our energy-efficient ECblue motors, you meet legal requirements while setting new standards for efficiency, sustainability and future readiness.

Take the opportunity to future-proof your systems – together with a partner who combines technical excellence with a sense of responsibility.

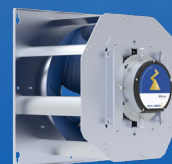


Everything from a single source – ZIEHL-ABEGG takes responsibility and ensures compliance

When you use a complete fan from ZIEHL-ABEGG – consisting of motor, aerodynamics and auxiliary components – you benefit not only from the highest quality, but also from maximum safety. In this case, ZIEHL-ABEGG is considered the fan manufacturer and assumes responsibility for compliance with and documentation of the requirements in accordance with ErP Regulation (EU) 2024/1834.

Your benefits: Full compliance for peace of mind, minimal documentation effort, and perfectly matched systems – all from one source.

Rely on our expertise – so you can focus on your core business.



ZIEHL-ABEGG



Completing the fan yourself – your role as manufacturer

If you purchase motor, aerodynamics and auxiliary components separately from ZIEHL-ABEGG and assemble them into a complete fan yourself, you are considered the fan manufacturer. This means you are responsible for compliance with and documentation under ErP Regulation (EU) 2024/1834.

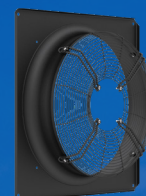
But you're not on your own: ZIEHL-ABEGG provides you with the relevant performance data – precisely, transparently, and reliably.

This also applies if you source motor and aerodynamics from us and manufacture and assemble the auxiliary components yourself according to ZIEHL-ABEGG specifications.

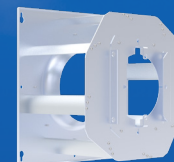
Your benefit: You gain from our technical expertise while maintaining maximum flexibility in your own production.



+



+



ZIEHL-ABEGG

Auxiliary components from ZIEHL-ABEGG or manufactured according to ZIEHL-ABEGG specifications



Your own components – your own responsibility

If you use motors and aerodynamics from ZIEHL-ABEGG but combine them with your own auxiliary components that deviate from our specifications, you take on the role of fan manufacturer under ErP Regulation (EU) 2024/1834.

What this means in practice:

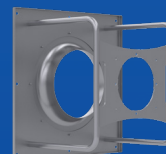
You are fully responsible for ensuring that all regulatory requirements are met. In this case, ZIEHL-ABEGG performance data is not transferable. You must independently determine and declare all performance data.



+

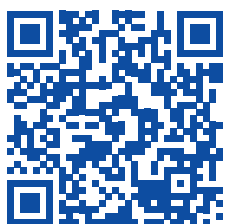


+



ZIEHL-ABEGG

Auxiliary components deviating from ZIEHL-ABEGG specifications



ErP Regulation
by ZIEHL-ABEGG

Innovative Products from ZIEHL-ABEGG exceed the **ErP** regulation



With ZIEHL-ABEGG, you are fully prepared

Choosing ZIEHL-ABEGG means looking to the future with confidence:

When it comes to ErP as well, ZIEHL-ABEGG lives up to its pioneering role – offering fans that already exceed tomorrow's requirements today.

Meeting ErP requirements with confidence – together with ZIEHL-ABEGG

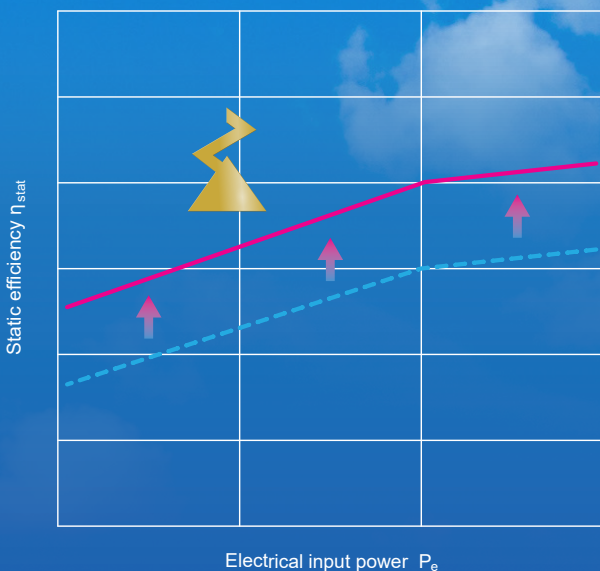
ZIEHL-ABEGG has always stood for low-noise, highly efficient fan systems – designed for a wide range of applications and the highest performance standards.

As a strong partner at your side, we offer you:

- **Powerful and cost-effective solutions** for modern technologies
- **Reliable support** in complying with the new ErP regulation
- **Energy-efficient products** that protect the environment and conserve resources

We combine technical excellence with a strong commitment to the environment and climate.

We make the world livable.



Efficiency levels ZIEHL-ABEGG

Modern products from ZIEHL-ABEGG meet the requirements of the ErP Regulation (EU) 2024/1834

Efficiency requirements from 24 July 2026
Significantly increased demands compared to ErP status 2015

Efficiency requirements since 2015



ErP Regulation
by ZIEHL-ABEGG

ErP compliant? Stay on the safe side with ZIEHL-ABEGG

Would you like to know whether the fans you are currently using meet the requirements of the new ErP Regulation (EU) 2024/1834?

Our experienced experts are here to support you – quickly, competently, and with tailored advice.

Our promise: **We are ready to support!**

This not only saves you time and effort but also ensures long-term compliance and efficient systems.

Get in touch with us at www.ziehl-abegg.com – we are here to help.

