



ErP Directive?

With Güntner products,
you are ErP-ready today!





**“Already today, we are fulfilling
the requirements of the future.**

Please find answers to the most
pressing questions.”



Jörg Köcher
Head of Controls

What you really need to know about the ErP Directive

The ErP Directive forms part of the Ecodesign Directive. It is relevant for fans insofar that the Directive stipulates minimum efficiency requirements that have to be met as of January 1st, 2013. These requirements will become even more strict in 2015.

1. What impact do the Directives concerning ErP (Energy-related Products) have on products using fans?

Products with fans are affected if their power input at their optimum operating point is more than 125 Watt. If they do not achieve the required efficiency factor, the fans have to be replaced by more efficient ones. Existing plant do not need to be refurbished right away (see question 6).

2. Are there exceptions?

Yes, there are some exceptions, e. g. products used in potentially explosive atmospheres, or specific fans used at especially high or low temperatures (fluid temperatures $< -40\text{ }^{\circ}\text{C}$ or $> +100\text{ }^{\circ}\text{C}$).

3. Will motors also be subject to the Directive?

Yes! As the name suggests, the Directive refers to all products using energy in any form. It also relates to motors; if, for example, you buy motors as individual components in order to manufacture fans, the Directive has to be applied.

The regulation no. 640/2009 specifies the motor efficiency required of electrical motors, referencing ISO 60034.

According to ISO 60034, since June 16, 2011, motors must also comply with the scope of the efficiency class IE2.

4. Is there always a technically equivalent alternative for each AC and EC fan?

No, some AC fans have to be replaced by EC fans. It is technically not feasible to develop or manufacture an ErP-compliant AC fan for each AC fan that has to be replaced. Güntner has already replaced the majority of fans so that even today, we are ErP-ready.

5. Is the Directive globally applicable?

No. The Directive applies to the European Economic Area. Products being imported into the EU are subject to the Directive; products being exported from the EU into other countries are not subject to it. For this reason, ErP-compliant fans and units are marked accordingly in our Güntner Product Calculator (GPC).



6. Do existing plants have to be refurbished?

Existing plants do not need to be refurbished. Only those fans and units are concerned that are being brought into the market in the European Union on or after **January 1st, 2013**.

In the case of replacements, there is a transitional period until **January 1st, 2015** for products that have been brought into the market before January 1st, 2013. In these cases, the replacement must be one-on-one, meaning that the new fan must be identical to the one it replaces. The replacement must be marked as such.

7. How to recognise ErP-compliant fans

Among other details, ErP-compliant fans have a CE sign on their nameplate. This means that energy efficiency now has the same importance as the Low Voltage Directive or the EMC Directive. This means that in the future, additional information has to be included on the nameplate (efficiency category, overall efficiency).

Do you have further questions?
We would be pleased
to assist you!

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