

ErP Directive: Saving power by law

Güntner is ErP-ready: Even before the minimum energy efficiency requirements for fans came into force, Güntner had already equipped all its heat-exchanger components with suitable fans. This was appropriate, because the stipulations of the EU's Ecodesign or ErP (Energy-related Products) Directive 2009/125/EC apply to all products related to energy-consumption, and hence also to refrigeration and air-conditioning products incorporating fans.



Directive: What is that?

A directive is a legislative act of the European Union. Member states of the EU are obliged to transpose its directives into their national legislation within a stipulated period. At the end of May 2011, the Federal German Cabinet agreed to enact a draft amendment to the existing energy-using products act (EBPG), in order to transpose the energy-related products Directive (ErP) into national law.

Regulations vs. Directives

In addition to Directives, the EU may also enact Regulations. Regulations have general application, they are binding in their entirety and directly applicable in all Member States. Regulations thus apply without any further transposition into national statute. Regulation 327/2011 for fans, dated 30.03.2011, created to implement ErP Directive 2009/125/EC, had the effect of bringing into force the new efficiency requirements for fans that had been stipulated in said ErP Directive, effective 20 days after the regulation was published in the official journal of the European Union (date of publication: 06.04.2011).

Effect on refrigeration and air-conditioning technology

The specified minimum efficiency levels for electrical fans with an input power rating between 125 W and 500 kW are independent of whether they are used individually or when incorporated in some other unit. The stipulations of the ErP Directive consider the efficiency rating of the overall system, comprising motor, jet and impeller.

Deadline: 01.01.2013

The prescribed statutory implementation of the minimum efficiency ratings will be enforced in two stages. The first stage came into effect on 01.01.2013. Since that deadline, all electric fans with an input power rating between 125 W and 500 kW must fulfil the required minimum efficiency level. Violation of this requirement renders the perpetrator liable to a fine; non-compliant equipment may not be taken into use. Where equipment has already been taken into use the authorities may shut it down.

Second stage: 01.01.2015

The next stage of the ErP Directive, with even more stringent efficiency requirements, will come into effect on 01.01.2015. Between now and that deadline there is a transitional period for servicing units that were marketed prior to 01.01.2013. When replacing fans in such units, it is permissible to use the exact same product as was originally installed, provided it is labelled accordingly.



About Güntner

Based in Fürstfeldbruck near Munich, Germany, the Güntner Group is a world leader in the production of components for refrigeration and air-conditioning equipment. With 3,000 employees worldwide and manufacturing facilities in Germany, Hungary, Indonesia, Mexico, Brazil and Russia, the company and its partners are active in all markets. Its decades of industrial experience and consistent use of the latest technologies and research ensure the high quality of Güntner's products. Users include the international automotive, foodstuffs, pharmaceutical and computer industries and numerous public sector institutions.

As a subsidiary of A-HEAT AG we benefit from the synergetic exchange of information and expertise that provides fresh inspiration to the various companies within the Group.

A-HEAT AG, Allied Heat Exchange Technology AG, with headquarters in Vienna, is a leading international technology group specialising in refrigeration, air-conditioning and process technology. The Group functions as a holding company for Güntner AG & Co. KG, JAEGGI Hybridtechnologie AG, thermowave GmbH and basetec products + solutions GmbH.

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