

# PUMPS POSITIVE FOR THE PLANET

NEW LEGISLATION FROM THE EU WILL HELP TO ENSURE THAT PUMPS PLAY THEIR PART IN REDUCING ENERGY USE AND CARBON EMISSIONS – JUST LIKE *ERIKS* PLANET+ INITIATIVE.

Two directives have been issued by the EU. The first directive affects industries which use water pumps, and the second affects all enterprises that 'are not SMEs'.

#### More efficient pumping

Motors have been subject to EU energy efficiency legislation for some time now, under the European Minimum Energy Performance Standard (or EU MEPS). Now pumps are being brought into line, with the Annex II Ecodesign requirements for water pumps, efficiency requirements.

Since 1st January this year, all new water pumps have been required to have a minimum efficiency of  $MEI \geq 0.10$  when measured according to Annex III. And from 1st January 2015, all new water pumps will be required to have a minimum efficiency of  $MEI \geq 0.40$ .

Meanwhile, an ecodesign standard for Glandless Standalone Circulators and integrated Glandless Circulators has been in effect for some time, affecting the 950,000 or so domestic circulators sold into the UK market each year.

Naturally *ERIKS* is completely up to speed on the legislation, and all new *ERIKS*' products affected by the legislation meet or exceed the requirements. *ERIKS* can also offer help and advice relating to the legislation, if you are unsure how it affects you.

#### You are being watched

The second piece of legislation – EN 16247-1, Energy Audit in Public Buildings 2015 – requires you to have an energy audit carried out by independent, qualified and/or accredited experts, or implemented and supervised by independent authorities under national legislation.

These mandatory audits come into force in the UK in 2015, and – if you're not an SME – you'll be required to undertake one every four years to make sure your energy use meets the relevant European or International Standards, such as EN ISO 50001 series (Energy Management Systems) and EN ISO 14000 (Environmental Management Systems).

**“YOU NEED TO COMPLY, BUT YOU DON'T NEED TO WORRY.”**

With the support of *ERIKS* and your Facilities Management Company, an audit can quickly and easily be arranged and carried out. And if any of your equipment fails to meet the grade, *ERIKS* can help you to upgrade or replace with the latest energy-efficient solutions, to meet the requirements of the legislation.

Positive Energy Reduction of this kind is just one facet of *ERIKS*' Planet+ initiative, with Positive Pollution Reduction, Positive Waste Reduction and Positive Risk Reduction being the other three. So whether you want to comply with legislation, reduce your energy bills, reduce your carbon footprint, or have a more positive effect on the welfare and well-being of the planet and your employees, you can be positive that *ERIKS* can help.

# Now it only takes 5 minutes to find out 5 years' ownership costs.

Before you spend money on repairing or replacing a motor, spend a few minutes finding out its Total Cost of Ownership.

The *ERIKS* Online Motor Calculator gives you a comparative TCO for repairing your existing motor, or replacing it with an IE2 or energy-efficient IE3 motor. It also tells you the new motor's carbon footprint over 5 years, the cost savings you can achieve, and even its eventual scrap value.

With these facts and figures at your fingertips, you can make an informed decision to repair, or replace. And because *ERIKS* are equally expert at both, your next step will take even less time to work out.

**SUBMIT**

**IE3**

**IE2**



You'll find the *ERIKS* Online Motor Calculator at [motordemo.eriks.co.uk](http://motordemo.eriks.co.uk)

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