



TOWARDS THE NEW EUP DIRECTIVE 2005/32 EC

Dear Customer,

It gives EBARA Pumps Europe S.p.A. great pleasure to inform you that you will shortly be receiving, and in any case within the established terms, motor-driven pumps with **high energy efficiency** motors in compliance with the **European EuP Directive** (Energy-using Products).

The Directive establishes the obligation for manufacturers and importers to only produce and distribute high energy efficiency products, in a bid to fight energy wastage. This does not affect end users (installers, plumbers, private customers) in any way, who may continue using pumps or motors that have already been installed prior to the coming into force of the regulation, nor retailers, who may continue to sell products that do not comply with the Directive while stocks last.

The Directive establishes a new criteria for dividing up energy efficiency classes. Although the equivalence is not entirely precise, as motors have slightly different characteristics, we can say that what was in the past referred to as Eff2, corresponds to IE1 and the old reference Eff1 corresponds to IE2.

Efficiency class IE2, which is today considered a plus, as from this year will become the norm.

Additionally, the Directive also includes normalised 0.75 to 375 kW motors up to 1000V and excludes motors remaining permanently submersed.

The Directive will come into force gradually with the first effect established as **15 June 2011**, by which date all motors of our motor-driven pumps will be efficiency class IE2.



EBARA PUMPS EUROPE S.p.A.



The Directive concerns all **three-phase** motors (2 and 4 pole) from 0.75 kW to 22 kW. The following pump families are involved:

- SERIE 3
- DWO-DWC
- CVM
- AGA-AGC
- MD
- COMPACT
- LPS
- PRA
- (2)CD(X)
- MATRIX
- CMA-B-C-D- CMR
- EVM
- JE(X)-JES(X)
- HVM
- CDA

At present the 3S SERIES, 3P SERIES and EVM are already available with motors in efficiency class IE2.

The pumps involved in the Directive will undergo some changes: current absorbed, power absorbed, weight and in some cases their dimensions will also change.

Submersed, submersible, single-phase pumps and pumps with power of less than 0.75 kW as well as pumps for explosive atmospheres (ATEX) are not affected by the Directive.

The Directive not only focuses on ensuring respect for the environment and producing more eco-friendly electrical equipment, but also has **benefits** for the end user. With regards to motors, as efficiency improves, energy consumption shall decrease. The motors will have a longer life due to the lesser dissipation of heat.

For more information or details, please **contact our sales network** or write to this e-mail address: marketing@ebaraeurope.com

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