

Press Release

New extremely energy efficient fan from SKOV

The energy consumption of the new extremely energy efficient fan from SKOV is 40% lower on the average compared with normal energy efficient fans. The fan is nominated as a three-star EUR novelty and will be exhibited at the exhibition Agromek 2009.

During the past few years, technology within fans has been based on triac-regulated, frequency-controlled or EC-controlled (ETA) fans. Now, SKOV breaks with these technologies and launches a new energy efficient fan with heavily reduced power consumption.

- Through target-oriented research and development of fan blades, motor and control principle, we have designed a fan providing 40% energy savings compared with existing energy efficient fans on the market, says Technology Manager Svend Morsing, SKOV A/S.

When developing the new very energy efficient fan, focus was directed towards construction of an outstanding fan blade with an optimum aerodynamic design, introduction of a new low-energy motor technology and development of a purpose-designed intelligent controller.

- Furthermore, improved pressure stability is incorporated into the newly developed fan. It is thus less sensitive as regards wind action compared with the frequency-controlled fans which today are used as energy efficient fans, says Svend Morsing.

To begin with, the new extremely energy efficient fan will replace the stepless fan of the ventilation system. Therefore, you will have the greatest yield in the smaller sections; for instance sections with two outlets where the stepless unit is accountable for up to 80% of the total outlet amount.

The extremely energy efficient fan will be ready for sale at the beginning of 2010 and it will be presented as a nominated three-star EUR novelty at the Agromek show in Herning from 24-28 November.

Caption:

New extremely energy efficient fan with a power consumption 40% lower than conventional energy efficient fans

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