

## Aldes Micro-watt range of fans

**S**aying that its new product line is designed to fit new energy efficiency regulations and needs in every country, Aldes has announced its range of fans with micro-watt technology: inoVEC micro-watt, VIK micro-watt, TVEC GII micro-watt and C.VEC micro-watt +. Aldes claims the company has



developed micro-watt technology to control duct static pressure and ensure economical operation of its fans. Micro-watt's specific electronics drive the motor speed through frequency variations, controlling continuous airflow range pressure, said Aldes.

According to Aldes, the most innovative product in the range is C.VEC micro-watt +, which is part of a new generation of cabinet fans with C4 fire classification (400\_C ½ h fire rating).

See the following product features and advantages:

- An electronically commutated (EC) motor allows low energy consumption with high control possibilities
- Integrated overvoltage (400 V) and lightning protection
- Energy saving through a range of functionalities, including programmable curve, fan history and parameter changes
- Easier settings due to adjustable potentiometer and pressure display
- Grille sound reduction through adapted airflow; contrary to a classical installation
- Airflows up to 12000 m<sup>3</sup>/h – up to 75% of electrical consumption with a billing saving of up to 60%
- Savings on three-phase line voltage due to a 50/60Hz single phase power supply up to 2.2kW motors
- Return on investment within four years, thanks to energy savings made during the operation