How the differential pressure switch optimises air handling units and makes them safer.
In early 2017, Belimo introduced a new product range of duct sensors for ventilation applications and pipe sensors for water applications. The new product range was presented to the original equipment manufacturer UTEK. The differential pressure switch 01APS especially caught their interest. UTEK develops and produces air handling and heat recovery units for residential and industrial applications and already utilises various damper actuators from Belimo.
UTEK was founded 1999 in Italy and is known as a leading, competent and innovative manufacturer of AHU (Air Handling Units). UTEK offers planning, development and production of ventilation, air-handling and air-conditioning systems. They focus on energy recovery – a field of application that has become their core business. In 2019, UTEK was acquired by CLA SRL, a well-known company for the production of components for air conditioning systems.

The OEM (Original Equipment Manufacturer) relies on technically excellent and custom products, which are developed and sold under their brand to commercial enterprises in the European market. Its customer base includes some of the most respected and well-known brands in the ventilation, air handling and air-conditioning industries on the continent.

"We guarantee the quality, reliability and competitiveness of our products as well as essential consulting services and technical training that enriches knowledge and enhances sales promotion and the marketing of our customers", Luigi Lapsus, owner and managing director of CLA, describes his company.

CLA has been successfully working with Belimo for many years. Belimo meets their customers on eye-level and creates value with innovative products, increasing the success of everyone involved. Belimo also appreciates close customer contact. A successful customer-supplier relationship was established thanks to CLA’s quality support from Giovanni Micale.

"We support our clients in implementing their projects. With Belimo, we have a strong partner, with whom we can constantly improve ourselves and our products."

Luigi Lapsus, Sole Shareholder and Managing Director CLA, with Giovanni Micale, Belimo Sales Manager
Differential pressure switch - ideal for use with small ventilation units.

CLA uses the differential pressure switch 01APS in air handling units for filter and fan monitoring. The 01APS-10R has an adjustable pressure range of 20...300 Pa and is therefore ideal for use with smaller air handling units.

In these applications, the air handling units are used for central, primary air conditioning in controlled residential apartment ventilation. For control, CLA relies on specially developed control devices that fulfil their function either analogously or via Modbus or BACnet.

"Small" products with a big impact.

Belimo offers a steadily growing product range of high-precision, long-lasting sensors that provide optimum room comfort and as a result have a major impact on people’s well-being and productivity. The Belimo sensor product range has a unique housing design.

Find out additional information about our further sensor product range at www.belimo.eu/sensors.
As a global market leader, Belimo develops innovative solutions for the regulation and control of heating, ventilation and air-conditioning systems. In doing so, actuators, valves, and sensors make up the core business.

With a consistent focus on customer value, we deliver more than just products. We offer you the complete product range of actuator and sensor solutions for the regulation and control of HVAC systems from a single source. At the same time, we rely on tested Swiss quality with a 5-year guarantee. Our worldwide representatives in over 80 countries guarantee short delivery times and extensive support through the entire product life. Belimo does indeed include everything.

The “small” Belimo products have a major impact on comfort, energy efficiency, safety, installation and maintenance. In short: small devices, big impact.