



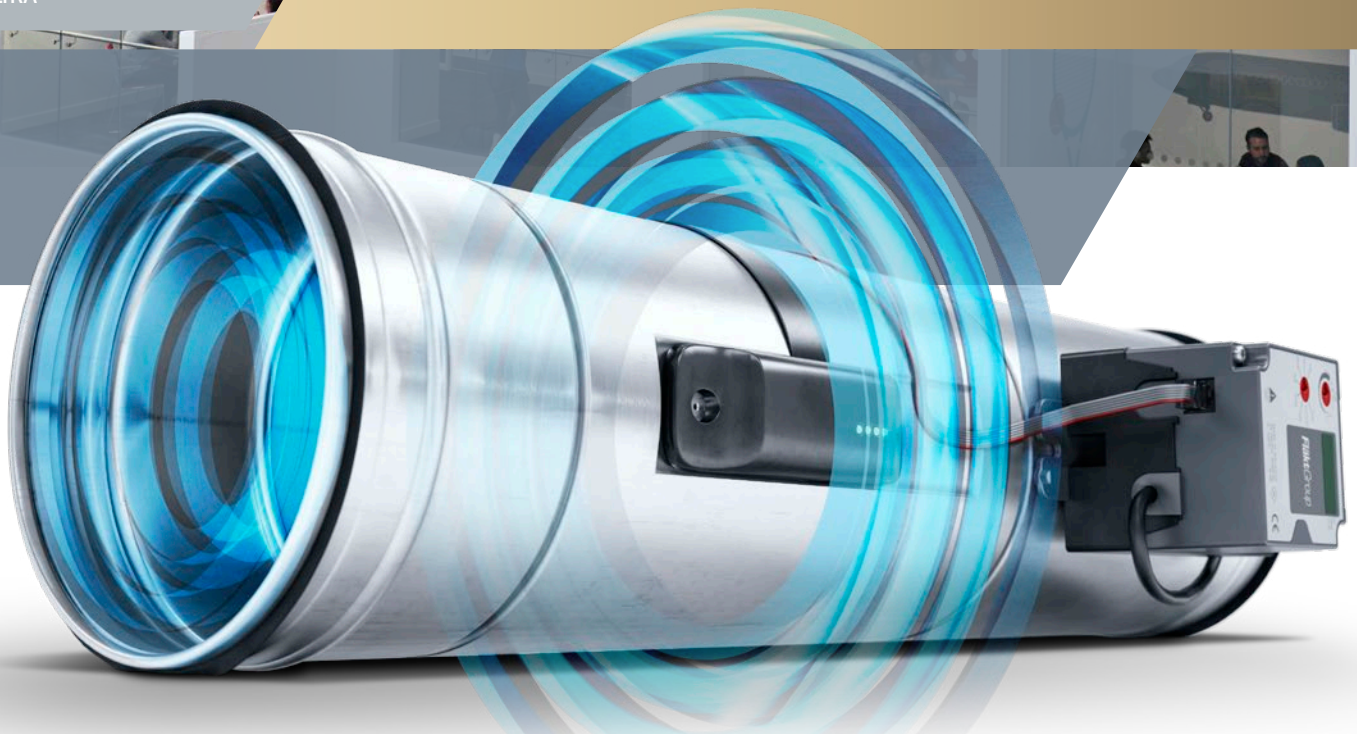
ULTRASOUND by FLÄKTGROUP

GAME-CHANGING VAV WITH ULTRASOUND



AIR MANAGEMENT & ATDs

OPTIVENT® ULTRA



With advanced airflow analysis based on Ultrasound technology* we now present a new dawn for Demand Controlled Ventilation. A landmark innovation setting aside traditional challenges for VAV Dampers: Noise, dust, reliability and pressure drops. With OPTIVENT® ULTRA we offer a unique solution, leading to simplified commissioning and installation, lowered life cycle costs and unprecedented levels of comfort.

* Patented technology by FläktGroup

FläktGroup®

Invisible technology for concrete benefits

No physical sensor inside the airstream that collects dust, induces noise or affects the airflow.

Ultrasound Technology* means much more compact installations, requiring no extra safety distances around the damper in certain installation alternatives (see more information from technical catalogue).









Ultrasound Technology* components transmit and receive ultrasound. The entire airstream is analysed with high accuracy in both low and high air speeds.

Intelligent Controls sense temperature and analyse average air speed with carefully developed ultrasound algorithms, resulting in high precision data with long-term reliability.

Fläkt Woods OPTIVENT® is a trusted line of VAV Dampers that have now been optimised with the latest cutting-edge innovation. With the Ultrasound Technology in OPTIVENT® ULTRA, builders, property owners and construction companies can entirely avoid traditional risks and disadvantages in VAV systems.

**UltraSound
Technology**
by FläktGroup

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OPTIVENT® ULTRA BENEFITS		
<p> LOW NOISE</p> <p>A well-balanced system with no physical probe to cause turbulence and noise.</p>	<p> GOOD INDOOR AIR QUALITY</p> <p>No pressure drop and a broad manageable airflow range means high comfort in the whole of the building and in every situation.</p>	<p> FLEXIBILITY</p> <p>The OPTIVENT® ULTRA VAV requires no safety distance to bends and T-pieces, making installation easy where space is limited. With 'same-as-Duct' dimensions, system design and installation meet high flexibility.</p>
<p> ACCURATE & VERSATILE</p> <p>With high accuracy in the whole airflow range and excellent resilience to dust, the OPTIVENT® ULTRA VAV works well also in more challenging environments such as classrooms and patient wards.</p>	<p> ENERGY EFFICIENT</p> <p>Zero pressure drop and high accuracy regardless of airflow rate means no wasted energy for unnecessary Fan drive and excess airflow.</p>	<p> MAINTENANCE FREE</p> <p>Maintenance-free because construction and materials are not subject to wear and tear.</p>

www.flaktgroup.com

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