

**Welcome to Hidria, where innovation meets high performance.**

Our advanced EC axial and centrifugal fans are engineered for the most demanding energy efficient heating, ventilation, air conditioning, and cooling systems.

Featuring low noise levels, compact design, and long lifespan, our fans are designed to operate in demanding environment.

Each component, from the precisely defined blades to the powerful electric motor, is designed as the elements found in nature, optimized for maximum efficiency and energy savings.

Our EC motors drive axial fans with diameters ranging from 300 mm to 1000 mm, while our centrifugal fans boast blade diameters from 250 mm to 630 mm. Built from durable sheet metal or composite materials reinforced with glass fibers, our fans are providing superior air-performance.

Using numerical simulations, computer added design, and computer fluid design, our teams develop innovative solutions for new applications and complex ventilation products. Sophisticated motor drives include control circuits and use MODBUS RTU digital serial communication for advanced operation demands and diagnostics. In addition a selection software with complete dynamic link libraries files is available.

Production line combines cutting-edge automation with meticulous craftsmanship. Inspired by natural ecosystems, our engineers oversee every step, from basic development to sample creation and precise laboratory analyses and verifications.

Every fan undergoes stringent quality control and performance testing, ensuring it meets the highest standards of reliability and efficiency.

Automated lines are flexible, allowing production of various fan models with full traceability of key components and quality assurance at every stage.

EC fans are perfect for heating, ventilation, refrigeration and cooling devices, including heat pumps and central air conditioning systems. They comply with F-gas regulation and are UL certified for the USA market.

With a strong focus on customer satisfaction, flexibility, and product customization, we strive to meet every client's unique needs.

Experience the future of HVAC technology with Hidria, where precision engineering and the harmony of nature come together.