

Pressemitteilung

October 2026

CompAir Introduces the New Air-Cooled ULTIMA 55-110 kW

Next-Generation Oil-Free Compression with Integrated Heat Recovery

Simmern, Germany - CompAir is expanding its ULTIMA portfolio with the introduction of the new air-cooled ULTIMA 55-110 kW range, combining advanced oil-free compression technology, enhanced efficiency and integrated heat recovery in a highly compact package.

The new ULTIMA 55-110 kW series has been developed to deliver improved performance, enhanced operational flexibility and lower lifetime operating costs for customers requiring reliable oil-free compressed air. The latest generation introduces a newly developed fully integrated airend-drive concept, further improving flow performance, specific power and turndown capability while maintaining the core benefits that have distinguished ULTIMA since its introduction.

Unlike conventional oil-free compressor designs, ULTIMA features a fully integrated drive system without a physical gearbox. Combined with digital control technology, this architecture helps optimize efficiency, reduce mechanical complexity and support long-term reliability.

A key differentiator of the new air-cooled range is its optional integrated heat recovery system. ULTIMA remains the first and only air-cooled oil-free compressor platform capable of delivering usable hot water temperatures of up to 85°C, enabling customers to recover valuable waste energy for production processes, facility heating and other applications.

Technical Highlights

- Higher flow and lower specific power
- Wide turndown range for optimized part-load efficiency
- Fully integrated airend-drive concept
- Digital Gearbox technology
- Optional Power Upgrades for future capacity requirements
- Heat recovery across both air-cooled and water-cooled models
- Extremely compact footprint
- Ultra-low noise operation

The addition of a new 55 kW model further expands the ULTIMA portfolio, allowing users to benefit from the platform's performance and efficiency advantages across a broader operating range.

Designed for industries where air quality, reliability and energy efficiency are critical, including food and beverage, pharmaceutical, electronics, automotive and advanced manufacturing applications, the new air-cooled ULTIMA delivers a compelling combination of oil-free air, sustainability and operational performance.

To support customers and partners during the market introduction, CompAir will host dedicated launch webinars in November, providing a detailed technical overview of the new platform, its innovations and its energy-saving potential. The webinars will be presented by David Bruchof.

About CompAir ULTIMA

ULTIMA is CompAir's next-generation oil-free compressor platform, combining a unique dual-drive architecture, advanced control technology and industry-leading efficiency. The new air-cooled ULTIMA 55-110 kW extends these advantages with enhanced performance, integrated heat recovery and increased installation flexibility for modern industrial environments.

- End -

About CompAir

With more than 200 years of engineering expertise, CompAir develops high-performance, energy-efficient compressed air solutions for industrial applications worldwide. Its comprehensive portfolio ranges from lubricated and oil-free screw and reciprocating compressors to advanced air treatment systems, intelligent controls, digital monitoring solutions and accessories. As a leading global provider of innovative compressed air technologies, CompAir supports industrial companies with integrated solutions designed to meet demanding requirements for efficiency, reliability and sustainability. The portfolio is complemented by energy audits, leak detection, heat recovery and tailored service and maintenance concepts for optimizing complete compressed air systems. A global network of specialized sales and service partners combines international expertise with local customer support.



