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## **BITZER to spotlight future-ready HVACR solutions at AHR Expo 2026 in Las Vegas**

*Las Vegas/Sindelfingen, 02.02.2026. At AHR Expo 2026, BITZER is reinforcing the show's motto "The future of HVACR starts here" with technology built for the North American market and backed by strong local manufacturing. Visitors can find BITZER at stand C7335 from February 2 to 4.*

With two production sites in the United States and a long-standing commitment to US customers, BITZER is presenting solutions that combine global engineering expertise with products tailored to local standards, applications, and market requirements. At the stand, the company will showcase its latest advancements for commercial and industrial refrigeration, data center cooling, and high-efficiency heat pumps. Every solution is engineered for maximum reliability and flexibility, featuring full UL certification and compatibility with next-generation low-GWP A1, A2L or natural refrigerants.

Alongside its product portfolio, BITZER will highlight how it partners closely with customers – offering deep application know-how and proven systems designed for reliable performance. With more than 91 years of industry leadership, BITZER continues to shape the HVACR sector worldwide while investing steadily in its US operations. Through ongoing modernization and expansion of its American production facilities, the company ensures fast delivery, high product quality, and customer-specific configurations – making BITZER a dependable long-term partner as the industry moves toward a more efficient and sustainable future.



## **CO<sub>2</sub> for commercial applications with BITZER ECOLINE CO<sub>2</sub>**

As a pioneer in commercial CO<sub>2</sub> technology, the company offers one of the industry's largest commercial CO<sub>2</sub> portfolios, backed by extensive experience and the highest number of installed base in the USA. BITZER CO<sub>2</sub> compressors are used in almost every supermarket market segment, giving customers the confidence that they are on the safe side with proven technology and a reliable partner.

With the new 8-cylinder reciprocating CO<sub>2</sub> compressors, BITZER has expanded its tried-and-true ECOLINE series to include even larger capacity ranges. The compressors deliver efficiency, high performance, and operating reliability in industrial refrigeration systems and heat pump applications – with fewer compressors than before or larger industrial capacities which traditionally used ammonia. Their special industrial design enables simple, targeted maintenance while the wear-resistant drive gear design and the suction gas-cooled motor ensure high efficiency. For even greater efficiency, the ECOLINE+ series is also available with line-start permanent magnet motor.

Also on display: ECOLINE reciprocating compressors specially optimized for use with low-GWP refrigerants, offering high efficiency and reliability, and a wide application range that provides flexibility for various heat pump applications. All ECOLINE compressors feature the IQ MODULE CM-RC-02, which operates key compressor functions such as capacity control, oil level management, and motor protection. The intelligent module reduces electrical system complexity, installation time and significantly simplifies commissioning and service.

## **Continuous data center cooling with BITZER CSV**

At AHR 2026 in Las Vegas, BITZER is exhibiting its advanced CSV series of compact screw compressors – a perfect fit for modern data center cooling. These units integrate compressor, motor, oil separator and frequency inverter into one highly efficient component. The built-in inverter enables precise temperature control and an exceptionally wide capacity modulation range, ensuring stable operation under varying IT loads including soft-start functionality for low inrush current and low-pressure-difference operation. It is available with suction gas-cooled asynchronous motor or permanent magnet motor. Designed for high condensing temperatures and best-in-class seasonal efficiency, the series meets the stringent uptime and energy performance requirements of data centers. It can be used for example with R134a, R513A or R1234ze.



## **Versatility for heat pumps and air conditioning with BITZER ORBIT**

BITZER ORBIT scroll compressors are engineered and manufactured locally in the United States and are especially suitable for heat pump and air conditioning applications: They come in addition with different design variants like the ORBIT+ with line-start permanent magnet motor and the ORBIT FIT with economizer function. All variants are designed for low-GWP A1 and A2L refrigerants. They all boast low sound emissions and a reduced oil carry over rate in operation. Thanks to BITZER Advanced Header Technology (BAHT), a special piping technology to simplify the combination of uneven compressor sizes, the compressors can easily be combined in tandem- or trio-configurations for increased capacities and reliable oil management.



As an independent specialist for refrigeration, air conditioning and heat pump technology, BITZER is present all over the world: with products and services for refrigeration, air conditioning and process cooling as well as transport, BITZER ensures optimum temperature conditions for trade in goods, industry processes and indoor climate control – always striving for the highest possible energy efficiency and quality. BITZER is represented all over the world with 75 sites in 41 countries, including its sales companies and production facilities. Trade and service partners included, the BITZER network of manufacturing, development and sales extends to almost all countries in the world. In 2024, 4,500 employees generated a turnover of €1.12 billion; expenditure for research and development totalled €67 million.

[www.bitzer.de](http://www.bitzer.de)

## **Overview of images**

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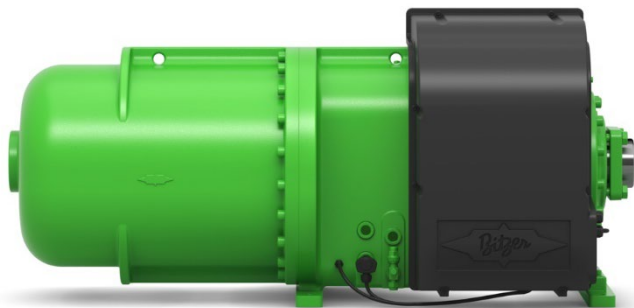


Image 1: BITZER CSV compact screw compressor

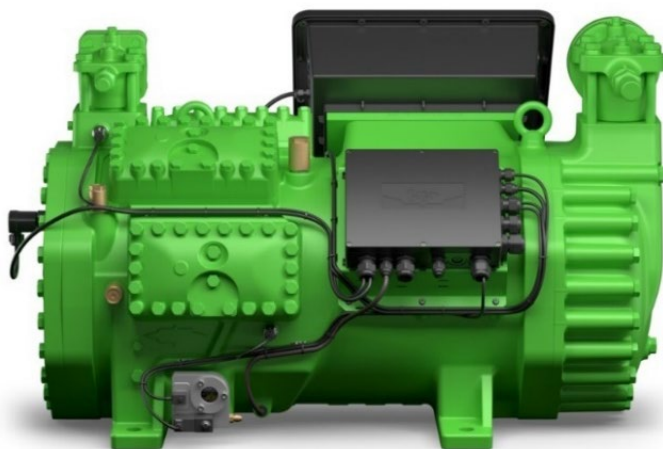


Image 2: BITZER ECOLINE 8-cylinder reciprocating compressor for subcritical CO<sub>2</sub> applications

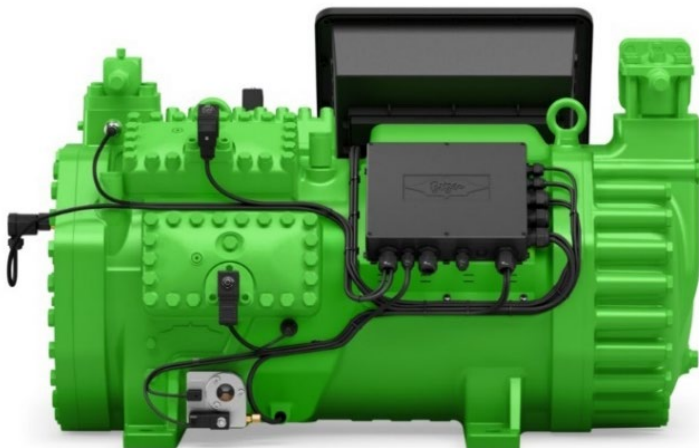


Image 3: BITZER ECOLINE 8-cylinder reciprocating compressor for transcritical CO<sub>2</sub> applications



Image 4: BITZER ORBIT FIT with economizer function for heat pump applications