

Enex Technologies Launches Innovative Natural Refrigerant

Solutions: SENNA XS and KUBE

The only Climate Tech in Europe to offer innovative and efficient solutions using all natural refrigerants – ammonia, CO₂, propane and water – stays on top of its plan to launch **“One New Product Every Month”**

Treviso (Italy), X December 2024 – Enex Technologies is thrilled to officially announce the launch of two groundbreaking natural refrigerant solutions, the **SENNA XS – XtraSmart**, a CO₂ Transcritical Booster and **KUBE**, a CO₂ Subcritical Rack, both firstly showcased at the recent Chillventa and SIFA trade shows.

These products are set to transform the HVAC landscape for medium and large supermarkets and industrial refrigeration applications.

SENNA XtraSmart (XS) – CO₂ Transcritical Booster: Compact Design and Efficiency for Smart Retailers

The SENNA XS represents the pinnacle of CO₂ booster technology, boasting a 50-400 kW capacity range. The new SENNA XS further enhances the SENNA series, together with the heritage and iconic Senna, demonstrating Enex's longstanding commitment to quality and value. Key advantages include:

- **Compact Design:** Reduced width (800mm up to 200kW) and height (2000mm) to cope with the most demanding retrofit applications.
- **Standardization:** full product industrialization ensures highest quality and optimized lead times
- **Efficiency:** several efficiency enhancers available, such as parallel compression, vapor ejectors, liquid ejectors and permanent magnet compressors
- **Easy-maintenance:** optional redundant electronic valves and controllers to avoid downtimes and streamline maintenance activities
- **Cost-Effectiveness:** competitive solution without compromising performance and reliability

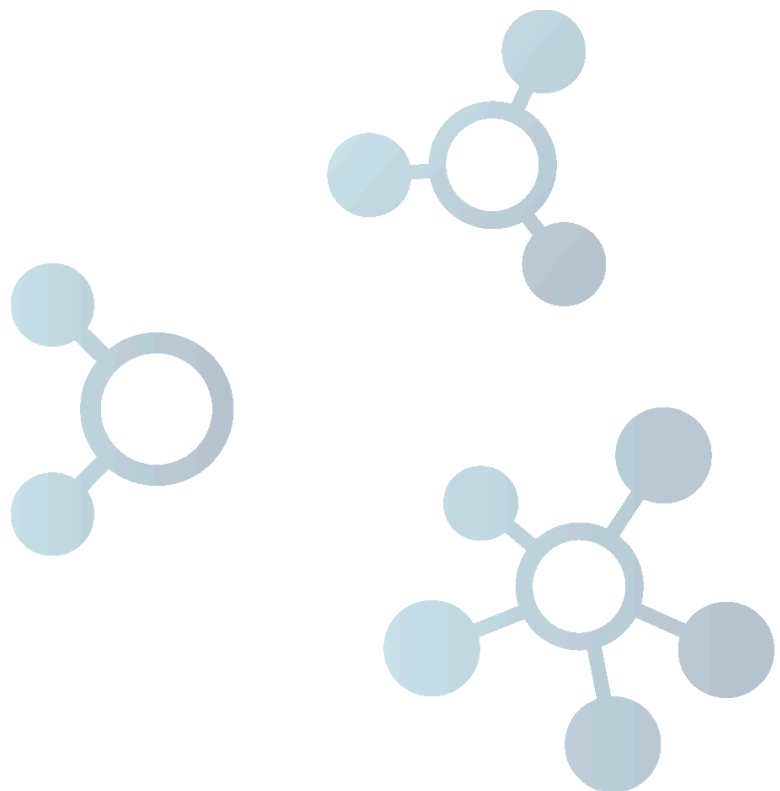
Quotations will be available from December 2024, with order entry commencing in February 2025.

KUBE – CO₂ Subcritical Rack: Reliability and Flexibility for Industrial Applications

Enex also proudly introduces KUBE, an innovative CO₂ subcritical rack for industrial refrigeration (10-270 kW capacity). Its strategic advantages include:

- **Standardization:** full industrialization ensures maximum quality and short lead times and fast quotation process
- **Flexibility:** glycol and HFC/HFO condenser to adapt to any system
- **Reengineered layout:** to guarantee maximum serviceability
- **Reliability:** generously sized top-quality components

Quotations and order entry are now available.





Commitment to Sustainability and Innovation

Both SENNA XtraSmart and KUBE align with Enex's commitment to sustainability and innovation. Manufactured at Enex Technologies' state-of-the-art facilities in Europe, these solutions promote environmental responsibility and enhance operational efficiency.

François Audo, CEO of Enex Technologies, stated: "The launch of SENNA XS and KUBE demonstrates once again our commitment to innovation and customer focus within our ambitious Product Development Roadmap. We are dedicated to delivering advanced solutions that drive the industry towards a more sustainable future".

As part of the "One New Product Every Month" plan –Enex Technologies Product Development Roadmap – many more innovations are on the horizon, including further advancements in HVAC, Refrigeration and Heat Exchanger solutions. These new products will further enhance our integrated product portfolio and customer focus in key applications such as data centers, the food chain, hospitality, and industrial processes.

Note to Editors: High-resolution images and product brochures are available upon request.

About Enex Technologies: Enex Technologies is a Climate Tech company born from the ambitious vision of industry veterans and pioneers in natural refrigeration systems, with the aim of transforming the HVACR industry with innovative solutions for the energy transition. Its journey began in the 1930s by producing natural ammonia refrigeration systems, to which CO₂, propane and water were subsequently added as natural refrigerants with low global warming potential. Enex Technologies supplies HVACR equipment installers and end customers such as office buildings, hotels, hospitals, supermarkets, data centers, distribution centers, cold storage warehouses, cold rooms and other industrial applications. Today, Enex Technologies employs over 1,000 people in 12 production sites distributed across 4 countries (Italy, France, Spain and Slovakia).

press@enextechnologies.com luca.marini@enextechnologies.com / +39 3401219770

