



Press release

**New pRack and high-efficiency solutions:
CAREL's Tangible sustainability**

The new pRack brings smart innovation to refrigeration rack control, together with solutions for residential heat pumps and plug-in and semi plug-in refrigeration

Brugine, 28 August 2026 – On the occasion of Chillventa 2026, taking place in Nuremberg from 13 to 15 October, CAREL's exhibition journey focuses on **Tangible sustainability**, presenting technologies that transform environmental objectives into application solutions for the HVAC/R world.

At the centre of the offering will be the new **pRack**, the evolution of CAREL control for refrigeration racks. Designed to support the transition of centralised refrigeration towards greater efficiency, connectivity and regulatory compliance, the new pRack introduces a new product architecture, extended modularity and advanced functions to simplify design, commissioning and day-to-day plant management. Based on the experience of the pRack300 family, it maintains CAREL control logic and enriches it with greater scalability and access to data.

Modularity makes it possible to adapt the control to the real needs of the installation, using the necessary I/O and combining main boards, drivers, valves and expansions according to the rack configuration. Ethernet connectivity enables remote access via APPLICA Desktop or the integrated web server, facilitating commissioning, maintenance and diagnostics. The new pRack is also compatible with RED enterprise solutions and boss supervisors, supporting more data-driven plant management. The range includes versions for HFC/HFO, subcritical CO₂ and transcritical CO₂ systems, including a universal version for different refrigeration architectures.

Alongside pRack, CAREL will present solutions for **residential heat pumps**, where controllers, interfaces, inverters, electronic expansion valves and sensors work as an integrated system to support efficiency, reliability and natural refrigerants such as R290. CAREL's approach allows the different functions of the unit to be managed in a coordinated way, from refrigeration circuit control to user interface management, helping improve performance in heating and cooling and simplify the development of more sustainable and connected heat pumps.

Completing the theme is **Heos Pro**, a solution for plug-in and semi plug-in units that integrates continuous modulation, connectivity and compatibility with natural refrigerants such as CO₂ and propane, helping reduce consumption and emissions.



Heos Pro supports high-efficiency decentralised architectures, where each unit can operate independently and intelligently, adapting its operation to actual working conditions. In this way, commercial refrigeration can evolve towards systems that are more flexible, monitorable and consistent with sustainability requirements.

CAREL@Chillventa

Hall 6, stands 104 and 110

Nürnberg, Germany

13 - 15 October 2026

[Visit our dedicated website](#) for all information on CAREL solutions at Chillventa

CAREL

CAREL is one of the world's leading companies in control solutions for air conditioning, refrigeration and heating, and in systems for improving air quality. We design our products to generate energy savings and reduce environmental impact, combining advanced technologies with customised services aimed at optimising the performance of machines and systems. Our solutions are used in commercial, industrial and residential sectors. Founded in 1973, CAREL has more than 2,700 employees, recorded consolidated revenues of 629 million euros in 2025 and is structured into 47 branches and 12 production plants.

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