

NATURAL EFFICIENCY, AVAILABLE NOW

Natural refrigerants, energy efficiency and connectivity: CAREL's innovations for commercial refrigeration on show for the first time at stand 16 E03

Düsseldorf, 5 March 2017 – CAREL, a multinational specialising in control solutions for air-conditioning, refrigeration and air humidification, will be exhibiting at the fiftieth Euroshop, from 5 to 9 March 2017, **hall 16 stand 16E03**. High efficiency with natural refrigerants is now possible: this is the main thread that links all of the innovative proposals on show for the first time ever in Düsseldorf. Here visitors will be able to see first-hand our latest control solutions for refrigeration units, featuring both high performance and low GWP, monitored using a mobile ready supervision system, designed especially for commercial refrigeration. Maximum efficiency and reduced environmental impact, both direct and indirect.

At Euroshop CAREL will be presenting a new version of **Heos** that is compatible with natural (CO₂, Propane) and low-GWP refrigerants, and therefore **refrigerant neutral**. Our know-how in water loop systems with variable-capacity DC inverter compressors, combined with our skills and experience in managing natural and low-GWP refrigerants, mean the benefits of the Heos system are now also available using refrigerants with a lower environmental impact.

Also debuting at stand 16E03 will be **Heez**, the new solution for the control and management of beverage coolers, guaranteeing high performance while reducing environmental impact. Heez is a compact and technologically-advanced solution incorporating an electronic controller and DC inverter in the same system. Heez perfectly exploits the continuous modulation of variable-capacity rotary compressors (DC inverter), extremely high performance technology that CAREL has for the first time made available to the refrigerated merchandiser segment.

At Euroshop CAREL will also be showing its expanded offering of control solutions for high-efficiency CO₂ condensing units. **Hecu sistema** manages two compressor lines, typical of traditional transcritical CO₂ booster systems, thus meeting the needs of low temperature applications while ensuring the same high efficiency guaranteed by DC inverter technology. It also opens the way for potential new applications that will further spread the use of systems with natural refrigerants only.

Another solution on show at stand 16E03 is the **complete range of "EmJ" modulating ejectors**. This cutting-edge solution - developed in partnership with Carrier Refrigeration and previewed at ATMosphere Europe 2016 - is available in six different sizes. From small convenience stores to large supermarkets, the energy efficiency of transcritical CO₂ refrigeration systems can now be optimised to ensure sustainable operation in warmer climates. Transcritical CO₂ systems can therefore now be adopted in supermarkets of all different sizes, maintaining the same high performance and guaranteeing energy savings when compared to traditional solutions.

CAREL's final major new release at stand 16E03 involves monitoring: on show for the first time will be **Site Analytics**, our new dynamic online analytics systems. Site analytics extends CAREL's remote monitoring proposal, making large data sets accessible in a simple and customised way. With Site Analytics, our tERA and RemotePRO supervisory systems that feature analysis and comparison centralised of data acquired from local supervisors now have new dashboards available for more effective and intuitive use of the data.

During the exhibition CAREL will also be actively participating in the **ECOpark Forum program**, in hall 15 E24. Specifically, Diego Malimpensa, Business Unit Manager, Retail Solutions, will present 'New frontiers for DC inverter compressors applied in waterloop systems for commercial refrigeration' on Tuesday 7 March, at 3 p.m. Then on Wednesday 8 March, 4.30 p.m., Nicola Pieretti, Application Manager, Retail Solutions, will speak on 'Transcritical CO₂ condensing unit driven by DC inverter technology for small format stores'.

CAREL @ Euroshop

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hall 16 stand 16E03

Euroshop, Düsseldorf

5 – 9 March 2017

For further information on CAREL's solutions on show at Euroshop go to <http://euroshop.carel.com/> or follow us on Twitter @CAREL_group

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About CAREL

CAREL is one of the world leaders in control solutions for air-conditioning, refrigeration and heating, and systems for humidification and evaporative cooling. Our products are designed to bring energy savings and reduce the environmental impact of equipment and systems. Our solutions are used in commercial, industrial and residential applications. CAREL has 19 fully-owned subsidiaries and 7 production sites, as well as partners and distributors in a further 75 countries.

For further information, go to www.carel.com