

press release

## HIGHEST PERFORMANCE AND CLIMATE FRIENDLY: **HEEZ**, THE NEW CONTROL SOLUTION FOR BEVERAGE COOLERS

*With Heez, CAREL introduces variable-speed (DC inverter) compressor technology to refrigerated merchandiser segment*

**Düsseldorf, 5 March 2017** – CAREL, a multinational specialising in control solutions for air-conditioning, refrigeration and air humidification, at Euroshop 2017 will be presenting the world preview of **Heez**. This is our **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.

**Very high performance and efficiency** are the keywords of Heez, which 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. Compared to traditional compressors, these do not typically operate with “on and off” cycles, but rather efficiently vary their capacity so as to adapt to instant requirements, guaranteeing energy savings, higher reliability and stability, lower noise and more compact dimensions, being rotary compressors.

“Interpreting a need that the industry will have to face in the near future, we have developed a solution that can **reduce the environmental impact and running costs of beverage coolers, while improving on the already very high performance required**”, stated Alessandro Greggio, Group Head of Marketing - Retail & Refrigeration. “The segment of refrigerated merchandisers for drinks and similar products has different requirements that are often contrasting: while on one hand there is the need to **rapidly and frequently pull down the temperature of the beverages** so that they are always cold, on the other it is increasingly important to **reduce energy costs and environmental impact**. The refrigerant used by Heez is indeed completely natural, and responds fully to all of the international standards and guidelines for true natural efficiency”.

### **Integrated controller for best-in-class coolers**

Heez represents the best-in-class solution for the construction of beverage coolers, with a **completely integrated control solution** for optimum refrigerated unit management. Heez controls a variable-capacity rotary compressor as well as the fans, these too DC. It also directly manages all of the other unit functions, from defrost to temperature control, using a modulating electronic expansion valve to maximise performance and energy savings.

### **Maximum usability**

Heez features an easily customisable user interface with a completely upgraded design, plus **integrated wireless connectivity** for interaction with mobile devices and access to all the information and reference documents, always updated on available on the cloud.

“Connectivity with mobile devices and contents stored on the cloud, together with auto-adaptive control algorithms, simplify operation and maintenance of Heez systems compared to previous technologies”, Greggio continued. “The **smartphone app** can in fact be used to instantly and easily access specific contents, meaning all of the information needed for service or checks in the field is always available”.

Completing the offering is **compatibility with IoT systems**, an essential tool for these types of refrigerated showcases that enables digital marketing activities and strategies, and helps improve maintenance.

### **CAREL @ Euroshop**

***Natural Efficiency, available now***

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](http://www.carel.com)