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Press release

FOR IMMEDIATE RELEASE:

Heez has all the numbers for a class cooler

naturally-connected efficiency and performance

Münich, 11 September 2017 - High energy efficiency, incredible pull-down performance and extensive connectivity are the main strengths of Heez, CAREL's new control solution for beverage coolers, now also backed by direct testimonials from our customers and recognised testing laboratories.

Heez is based on CAREL's decades of HVAC/R experience in designing and developing high-efficiency solutions, such as DC inverter compressors and electronic expansion valves, combined with the company's considerable focus on IoT for value-added services.

The heart of this proposal is **rotary DC inverter technology**, which ensures high stability, lower cooler noise and, thanks to its compact size, more room for storing beverages. Advanced control algorithms allow the technologies used to be exploited to the full, achieving high performance while ensuring reliability and performance in all climates.

The rotary DC inverter compressor fitted on Heez works with a natural fluid (propane) and was designed by Qing'An, a leading manufacturer affiliated with AVIC (Aviation Industry Corporation of China), exclusively and based on CAREL's own specifications.

Tests conducted by a certified third-party laboratory on a beverage cooler equipped with Heez showed energy consumption that, when compared to the topten.EU coolers in accordance with EN16902, represents a **47% reduction in EEI (Energy Efficiency Index)**. This has been achieved without compromising beverage pull-down times: with Heez these are 62% lower than the values allowed for by the test protocols.

Implementation of this technology by our customers has confirmed the energy efficiency and extraordinary pull-down performance measured during laboratory testing.

Wireless connectivity options available on Heez offer a new experience in interaction with the cooler in the field. *APPLICA is the new smartphone app* that provides easy and intuitive access to the configuration parameters and reference documentation on the cloud, and simplifies maintenance.

Heez and APPLICA also allow meaningful data to be acquired from the field and then processed using the new **Armilla cloud portal**, providing valuable analysis for beverage company marketing departments and the maintenance team.

The excellence of Heez has also been recognised by the **World Beverage Innovation Awards, being chosen as a finalist in the "Best Environmental Sustainability Initiative" and "Best Process or Production Innovation" categories.**

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About CAREL INDUSTRIES S.p.A.

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 20 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