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**Press release**

For immediate release

## **CAREL TO FEATURE ON CONNECTIVITY AND EFFICIENCY AT AHR IN ATLANTA**

Natural Refrigerants, high efficiency and wireless connectivity will be in the spotlight

**January 9, 2019 Manheim, PA** - Carel USA Inc, will be presenting their latest evolution of connected efficiency solutions focused on improving energy savings and connectivity for a wide range of applications in the HVAC/R industry at the AHR Expo in Atlanta from January 14th to 16<sup>th</sup>, Hall B Booth B2255.

CAREL will feature a wide range of the most advanced technologies and innovative solutions based on wireless connectivity using **Applica**, Carel's new smartphone app, to simplify user interaction.

Highlighted solutions include:

**HEEZ**, CAREL's solution for the control and management of beverage coolers, guarantees high energy efficiency and great performance while reducing the environmental impact. HEEZ encompasses the use of Carel's innovative technologies such as a variable capacity rotary Compressor, BLDC Inverter, electronic expansion valves, and variable speed evaporator and condenser fans, encouraging a fully modulating system that guarantees the best efficiency in the refrigeration cycle. CAREL will also be presenting the **HEEZ on Tuesday January 15th in Theater A – Room C101 at 2:35pm during the expo.**

**HEOS Sistema**, a waterloop refrigeration system enabling energy savings and refrigerant charge reduction for supermarkets. This high-efficiency solution is now available **with natural refrigerants, specifically CO<sub>2</sub> and propane**. Energy efficiency, better food preservation quality, accurate control of cabinet temperature, fast installation, flexible design and predictive maintenance are the most interesting benefits of Heos Sistema.

**µChiller** is the Carel solution for complete control of chillers whether with traditional fixed speed compressors or high efficiency units employing integrated management of devices such as electronic expansion valves and variable speed compressors. The application features more than 50 models of BLDC compressors by different manufacturers, all tested and certified by CAREL in its laboratories. Utilizing **Applica**, the commissioning and service process has never been easier with configuration right from a technician's smartphone.

Also, present is a solution offering for **residential applications**; variable speed compressors, electronic expansion valves ensure energy efficiency, and controls compatible with the latest generation of natural or low-GWP refrigerants. Capped off by the peace of mind that health and comfort is provided by whole-home isothermal humidification.

Carel's extensive mission critical knowledge will be on display, meeting the performance and energy requirements for **data centers** of any size. Ultrasonic and high pressure atomizing technologies are used to provide **adiabatic humidification and evaporative cooling solutions**, humiSonic and humiFog, allow mission critical design engineers to take advantage of wider envelopes in **ASHRAE 90.4**, while protecting against electro-static discharge (ESD) and enjoying reduced energy consumption. Carel programmable control solutions enables OEMs to take advantage of **energy savings** technology; variable speed compressors, electronic expansion valves and OEM kit humidifier solutions for any type of **mission critical** equipment.

**CAREL at AHR Expo**

Booth B2255

AHR Expo, Georgia World Congress Center, Atlanta, Georgia (USA)

22-24 January 2018

*Press information*

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**About CAREL**

CAREL is a world leader in control solutions for air-conditioning, refrigeration and heating, as well as systems for humidification and evaporative cooling. Our products are designed to achieve energy savings and reduce the environmental impact of equipment and systems. Our solutions are used in commercial, industrial, and residential applications. CAREL has 22 fully-owned subsidiaries and 7 production sites, as well as partners and distributors in 75 countries. For more information, go to [www.carel.com](http://www.carel.com)