CAREL to spotlight on optimized performance in mission critical spaces.

January 8, 2020 Manheim – PA CAREL USA, Inc. will be showcasing the latest developments in energy and efficiency solutions for a wide range of HVAC/R applications during the AHR Expo in Orlando, Florida from February 3rd to February 5th, Booth 6861.

CAREL’s experience and knowledge of meeting the performance and energy needs required in missions critical environments will be showcased during the expo, with a special interest in Healthcare applications and adapting to the new ASHRAE 170 guidelines. Notable solutions will include the CAREL’S IAQ System, the newest offering for continuous air quality wireless monitoring, guaranteeing high air efficiency and quality in healthcare facilities to reduce contagions and improve Patient Outcomes while at the same time providing Energy Efficiency and cost savings.

Adiabatic and evaporative cooling solutions for data centers will be on display. The humiSonic and humiFog solutions help meet design engineering requirements on performance and energy requirement for application of any size.

For high efficiency commercial chiller and heat pump units with DC and scroll compressor, the μChiller provides integrated management of BLDC compressors and electronic expansion valves, integrated connectivity to supervisory systems and a dedicated app for installers and/or maintenance technicians.

The boss and boss-mini, local system supervisors for commercial refrigeration, data centers and light HVAC applications, will also be present at the expo. From one single access point, boss/boss-mini monitors sites in real time, using maps and intuitive displays to show data on all the refrigeration and air-conditioning units, lighting and energy consumption. The entire boss range is integrated into the CAREL enterprise remote monitoring service proposal, RemotePRO which will also be demonstrated at the expo.

Enhancing these offerings are CAREL’s newest expanded range of touchscreen displays, expanding the pGDx offering to 7”, 10” and 15” guaranteeing a modern and effective interactive user experience. Simplifying access for improved performance that is smooth and responsive, communicating wirelessly between both the control networks and any external devices. The display can also be used as a Wireless Access Point or as a Wireless Client Station making data control even easier.

CAREL will be complementing its HVAC offering with a full line up of refrigeration based solutions for both the retail and foodservice sectors.

CAREL will display 2 solutions for refrigerated case applications. Heos Sistema, a micro-distributed water loop based system enables significant energy savings, refrigerant charge reductions, and superior temperature stability. Complementing this offering is the MPXone, a parametric control solution for the management of remote showcases. The MPXone reinvents the user experience through NFC and Bluetooth connectivity options that
revolutionize human-machine interaction in the refrigeration market with a dedicated app for mobile devices (Applica).

**Lastly, Heez, the high-efficiency controls for beverage cooler applications** utilizes the continuous modulation of variable-capacity rotary compressors, combined with an advanced control system that includes self-adaptive and machine learning algorithms. Utilizing this technology, CAREL has demonstrated this solution can overcome the current DOE requirements for this application by over 50%.

**CAREL at AHR Expo 2020**
Booth 6861
AHR Expo, Orange County Convention Center, Orlando, Florida (USA)
3-5 February 2020

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CAREL is a world leader in control solutions for air-conditioning, refrigeration and heating, and systems for humidification and evaporative cooling. Our products are designed to bring energy saving and reduce the environmental impact of equipment and systems. Our solutions are used in commercial, industrial and residential applications. CAREL has 23 fully-owned subsidiaries and 9 production sites, as well as partners and distributors in a further 75 countries.

For further details, go to [www.CAREL.com](http://www.CAREL.com)