

FOR IMMEDIATE RELEASE

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YORK® Mission Critical Air Handling Units from Johnson Controls enhance efficiency and reliability in data centers

Mission Critical Direct Evaporative Cooling units offer higher cooling capacity per unit square foot

MILWAUKEE – (September 19, 2018) – The YORK® Mission Critical Direct Evaporative Cooling (DEC) Air Handling Units (AHUs) from Johnson Controls are designed to meet the specific needs for data centers. The units are offered in two sizes (250 kW and 500 kW) and in perimeter and rooftop configurations. The YORK® Mission Critical DEC units yield an ultra-efficient partial-power usage effectiveness (pPUE) of less than 1.1. This is achieved through use of the industry’s highest media efficiency, which extends free cooling operation hours.

Unlike most DEC AHUs, YORK® Mission Critical Air Handling Units are designed to meet phased data center expansion strategies. Optional direct expansion (DX) or chilled water cooling (CWC) coils allow for installation in diverse geographic locations while maintaining a low initial investment.

“As cooling related power consumption can be up to 40 percent of a data center’s operating expense, we are excited to introduce the YORK® Mission Critical DEC,” said Mike Zarrilli, executive director, Global Data Center Lead, Johnson Controls. “The YORK® Mission Critical DEC combines industry leading performance with a compact, low weight design that is backed by a global service network, delivering superior performance and reliability for mission critical facilities.”

Other design features include:

- Compact footprint that features reduced weight and size
- Intelligent factory preconfigured controls – no field programming required
- Commissioning via smart device – reducing time to start up
- Staged control to optimize water utilization
- Front-loading filters for ease of installation and speed of maintenance
- N+1 fan redundancy to fulfill mission critical data center demands
- Mobile Access Portal (MAP) service tool for configuration and management via Wi-Fi®
- Built on tested and proven YORK® air handling product platform
- Optional Smart building hub for 24/7 remote connectivity and notification

Join our 45-minute webinar to explore free-cooling technologies which include: Direct Evaporative Cooling, Liquid Cooling and Free-cooling in chillers and air handlers. These are a few of the latest innovations that assist with lowering your total cost of ownership throughout the life cycle of your data center. [Register now.](#)

For more information, visit johnsoncontrols.com/datacenters

About Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat. We are committed to helping our customers win and creating greater value for all of our stakeholders through strategic focus on our buildings and energy growth platforms. For additional information, please visit <http://www.johnsoncontrols.com> or follow us @johnsoncontrols on Twitter.

About Johnson Controls Building Technologies & Solutions

Johnson Controls Building Technologies & Solutions is making the world safer, smarter and more sustainable – one building at a time. Our technology portfolio integrates every aspect of a building – whether security systems, energy management, fire protection or HVACR – to ensure that we exceed customer expectations at all times. We operate in more than 150 countries through our unmatched network of branches and distribution channels, helping building owners,

operators, engineers and contractors enhance the full lifecycle of any facility. Our arsenal of brands includes some of the most trusted names in the industry, such as Tyco[®], YORK[®], Metasys[®], Ruskin[®], Titus[®], Frick[®], PENN[®], Sabroe[®], Simplex[®] and Grinnell[®]. For more information, visit www.johnsoncontrols.com or follow @JCI_Buildings on Twitter.

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Photo Caption

YORK[®] Mission Critical Direct Evaporative Cooling (DEC) Air Handling Units (AHUs) from Johnson Controls are designed for data centers.

