

FOR IMMEDIATE RELEASE

CONTACT: Ryan Nolan
Global Public Relations Program Manager
Building Technologies & Solutions, Johnson Controls
Work + 1 414 524 6170
Mobile + 1 414 378 9641
Ryan.P.Nolan@jci.com

YORK® YZ Magnetic Bearing Centrifugal Chiller expands capacity range

Extended capacity YZ chiller on display at 2019 AHR Expo

MILWAUKEE – (January 8, 2019) – [Johnson Controls](#) has extended the capacity range of its award-winning [YORK® YZ Magnetic Bearing Centrifugal Chiller](#) to include chillers beyond 1,000 tons (3,516 kW), now up to 1,350 tons (4747 kW) of refrigeration. In early 2018, the YORK® YZ Chiller, the first chiller fully optimized for ultimate performance with a next generation low-global warming potential (GWP) refrigerant—R-1233zd(E), was launched with a capacity range of 165 to 1,000 tons (580 to 3516 kW).

After capturing the 2019 AHR Innovation Award in the Cooling Category, the Johnson Controls booth will showcase an extended capacity YORK® YZ Chiller unit at the [2019 AHR Expo](#) (Booth #B1617), January 14-16 at the Georgia World Congress Center in Atlanta.

“In 2018, the YZ chiller set a new bar for efficiency, sustainability and energy savings,” said Bill Jackson, president of Global Products and head of corporate strategy for Johnson Controls. “Our AHR EXPO booth in Chicago was packed every day with customers, media and analysts craning to get a glimpse of the revolutionary technology that is transforming our industry. In 2019, we’re pushing the bar even higher. Expanding the capacity of the YZ demonstrates our continued commitment to delighting our customers at every turn and never resting on our past achievements.”

The extended capacity, AHRI-certified YORK® YZ Chiller uses an integral, variable speed drive and advanced magnetic bearing technology that features a single moving assembly suspended in a magnetic field that does not require lubrication. This technology requires 80 percent fewer moving parts than traditional oil or refrigerant-lubricated drivelines. The result is enhanced reliability, reduced maintenance and improved efficiency.

“The YZ Chiller is a groundbreaking advancement in engineering that was built on decades of industry-leading chiller experience,” said Laura Wand, vice president and general manager, Global Applied Equipment, Johnson Controls. “Our engineers challenged themselves to reimagine what a next-generation chiller could be, and the result was a system that is fully optimized for ultimate performance. We’re thrilled to build on the success of the chiller and expand the line’s capacity.”

The YORK® YZ chiller uses an optimized single stage design to provide industry-leading, real-world energy efficiency. The chiller’s system simplicity, high reliability, lower maintenance and wide operating map are all thanks to the advanced lubrication-free magnetic bearings that can handle any operating condition, and now that technology is available at even higher capacities.

For more information on the YZ Chiller, please contact your sales representative or visit YORK.com/Next.

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.

#

Photo Caption: [Johnson Controls](http://www.johnsoncontrols.com) will feature its extended capacity YORK® YZ Chiller unit at the 2019 AHR Expo.

