



NEWS RELEASE

Johnson Controls Introduces Higher Efficiency YORK YK-EP "Efficiency Plus" Centrifugal Chiller

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DUBAI, UAE, June 2, 2016 /PRNewswire/ --

[Johnson Controls](#) today announced that it has launched the YORK YK-EP "Efficiency Plus" water-cooled centrifugal chiller which achieves five percent capacity and efficiency improvements over the previous model. The YK-EP "Efficiency Plus" chiller is ideal for large capacity applications including district cooling, large central plants and gas-turbine inlet-air cooling.

(Photo: <http://photos.prnewswire.com/prnh/20160531/373602>)

"Throughout our long association with Middle East and Africa, we have ensured energy and operational savings for our customers through products that are reliable and of superior quality. The York YK-EP centrifugal chiller is another example of our commitment to the introduction of industry leading technology for sustainable development in the region," said Ashraf Abdalla, Vice President and General Manager, Middle East and Africa, Johnson Controls.

"The chillers utilize a patent-pending mechanical compression economizer cycle, which couples a primary compressor with an auxiliary economizer compressor to make it more efficient than single stage chillers," said Vivek Apte, Regional Product Director, Chiller Solutions, Middle East and Africa, Johnson Controls. "While the chiller is able to operate with low entering condenser water temperature (ECWT) down to 55°F (12.7°C) compared to 75°F (23.9°C) for other chillers, trimming instantaneous energy consumption by as much as 50 percent - the chiller is also capable of operating efficiently with warm ECWT that prevails in this region, specially during summers," Apte added.

The YK-EP chillers have the most compact configuration in their class and a 15 percent smaller footprint than competing chillers, reducing the total cost of ownership and releasing premium space for commercial gains. YK-EP chillers use a YORK OptiSpeed™ variable speed drive, which can accept medium or high voltage power, saving electrical infrastructure costs and cutting down average annual energy consumption by up to 30 percent. The chillers are equipped with the YORK OptiView™ control panel for enhanced chiller control and building management system integration.

Current customers have selected the YK-EP for its ability to reach required capacity levels at real-world conditions and its ability to operate at low ECWT, which provides significant energy savings. Additionally, in facilities with multiple YK-EP chillers, additional energy savings can be accomplished with a series counter flow arrangement. This reduces the compressor work needed on each chiller, decreasing system energy use by as much as 8 percent at design conditions.

For more information, please visit: <http://www.johnsoncontrols.com/buildings/hvac-equipment/chillers/yk-ep-centrifugal-chiller-with-economizer>

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About Johnson Controls

Johnson Controls is a global diversified technology and industrial leader serving customers in more than 150 countries. Our 150,000 employees create quality products, services and solutions to optimize energy and operational efficiencies of buildings; lead-acid automotive batteries and advanced batteries for hybrid and electric vehicles; and seating components and systems for automobiles. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat. Through our growth strategies and by increasing market share we are committed to delivering value to shareholders and making our customers successful. In 2016, Corporate Responsibility Magazine recognized Johnson Controls as the #17 company in its annual "100 Best Corporate Citizens" list. For additional information, please visit <http://www.johnsoncontrols.com> or follow us @johnsoncontrols on Twitter

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