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## **Johnson Controls announces first UL Certified antifreeze solution for wet pipe fire sprinkler systems**

*LFP™ Antifreeze helps meet NFPA requirements for use of listed antifreeze*

**MILWAUKEE** – (December 19, 2018) – With TYCO® LFP™ Antifreeze, Johnson Controls has developed the first – and currently the only – UL Certified antifreeze. This third-party tested and evaluated solution helps fire protection systems comply with National Fire Protection Association (NFPA) 13, 13R, and 13D, which require the use of listed solutions in new antifreeze systems. Existing antifreeze systems must meet this requirement by 2022 under NFPA 25.

The patented LFP™ Antifreeze is ideal for use in a variety of applications where a sprinkler system could be exposed to temperatures below 40°F – including both residential and commercial applications.

“Johnson Controls is proud to be the first to offer its customers a UL Certified solution that helps comply with NFPA freeze protection requirements,” said Don Ricca, director of Product Management, Johnson Controls. “LFP™ Antifreeze is formulated to help ensure fast and effective flow in water-based fire suppression systems and protect pipes against damage from freezing in temperatures as low as -10°F.”

“We are happy to see the first UL certified antifreeze solution available on the market,” said Kevin Faltin, UL’s vice president of Building Materials and Suppression. Antifreeze solutions are

tested and certified to UL 2901, which evaluates fire performance, the stability of the antifreeze solutions, the effect when exposed to certain materials associated with sprinkler systems, human health and environmental impact, hydraulic characteristics, marking and installation specifications.”

LFP™ Antifreeze is suitable for use with most common piping system materials, including CPVC, and can be a more cost-effective solution compared to some other freeze protection methods that might be more complicated to install and maintain. LFP™ Antifreeze is environmentally friendly and can be easily disposed of through normal sewer or septic systems (when in compliance with local laws and guidelines) or at local waste water treatment centers.

For more information, visit [www.tyco-fire.com/LFP](http://www.tyco-fire.com/LFP).

### **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](http://www.johnsoncontrols.com) or follow @JCI\_Buildings on Twitter.

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