

FOR IMMEDIATE RELEASE

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Johnson Controls' Tyco® line of ESFR sprinklers meet UL salt spray corrosion test requirement

MILWAUKEE – (Nov. 15, 2017) – [Johnson Controls](http://www.johnsoncontrols.com) announces that its Tyco® line of Early Suppression Fast Response (ESFR) sprinklers has successfully passed all testing requirements for the fourth edition of Underwriters Laboratories (UL) 1767 compliance program for salt spray corrosion.

The following Tyco ESFR sprinklers successfully meet the testing requirements:

- Model TY6236 – K14.0 (202) ESFR Pendent Sprinkler
- Model TY7223 – K16.8 (242) ESFR Pendent Sprinkler
- Model TY7229 – K16.8 (242) ESFR Dry Type Pendent Sprinkler
- Model TY9226 – K25.2 (363) ESFR Pendent Sprinkler

The compliance program, which has a deadline of Nov. 1, 2018, addresses resistance of sprinklers to environmental conditions by conducting the UL salt spray exposure test in both the vertical up and vertical down positions.

ESFR sprinklers are designed with fast response thermal elements that rapidly detect heat from a fire and operate the sprinkler to discharge water to suppress a fire. Due to the potential for a

rapid-growth fire in storage applications, it is imperative that the ESFR sprinkler thermal element maintain its integrity over time.

Automatic fire sprinklers may be subject to environmental conditions that could negatively impact the sprinkler's ability to effectively address a fire. As a result, testing agencies such as UL perform a number of environmental exposure tests to validate the robustness of the sprinkler's materials and coatings to ensure adequate performance.

One of these tests is the UL 10-day salt spray corrosion test. Historically, this test was performed with the sprinkler in its intended position of use (e.g., a pendent sprinkler was tested in the vertical down position). In order to further increase and validate the robustness of a sprinkler, UL added a new requirement whereby ESFR sprinklers were tested in both the vertical down and vertical up positions regardless of the intended position of use.

For more information, visit <http://www.tyco-fire.com/>. For questions or support, contact Tyco technical services at 1-800-381-9312.

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: The Tyco® line of Early Suppression Fast Response (ESFR) sprinklers, including the ESFR-25 model (pictured), has successfully passed all testing requirements for the fourth edition of Underwriters Laboratories (UL) 1767 compliance program for salt spray corrosion.

