

The power behind **your mission**

Johnson Controls earns FM Approval on TYCO® high-temperature ESFR-17 pendent ceiling sprinkler

- *Model ESFR-17 sprinkler now FM Approved at 155 F and 205 F*
- *Designed for use in ceiling-only sprinkler systems within storage facilities*
- *Temperature and pressure features provide flexibility for sprinkler system designers*

MILWAUKEE — (August 25, 2021) — [Johnson Controls](#), the global leader for smart, healthy and sustainable buildings, announces FM Approval of the Tyco Model ESFR-17 Early Suppression, Fast Response Pendent Sprinkler at 205 F (96 C). Combined with the existing FM Approved lower-temperature version (155 F, 68 C), the ESFR-17 sprinklers now provide the options needed to help better protect storage and warehousing facilities. The sprinklers are also cULus Listed for both temperature ratings.

The Tyco® ESFR-17 Pendent Sprinklers are designed with flexibility in mind. The primary advantage is their ability to protect high-piled storage arrangements without the need for in-rack sprinklers. With a 16.8 K-factor and maximum working pressure of 175 psi (12,1 bar), the ESFR-17 sprinklers provide system designers with hydraulic and sprinkler placement options not presently available among traditional ESFR sprinklers with a nominal K-factor of 14.0.

With substantially lower-end head pressure, as compared to traditional ESFR sprinklers, the ESFR-17 sprinklers also offer flexibility when sizing system piping, as well as potentially reducing the need for a system fire pump. In addition to flexibility, these features also contribute to potential cost savings for building owners and operators. The ESFR-17 sprinklers help serve the Johnson Controls [OpenBlue](#) mission of supporting healthy people, healthy places and a healthy planet.

“As the storage and warehousing industries expand along with consumer demand for shipped goods, so does the need to protect a wide variety of these applications,” said Don Ricca, director, Product Management, Johnson Controls. “Now that we can offer two FM Approved temperature ratings, we are confident that the ESFR-17 sprinklers can offer our customers the protection and flexibility needed to keep operations running safely and efficiently.”

The ESFR-17 pendent sprinklers are ideal for helping to protect storage facilities containing the following materials:

- Most encapsulated and non-encapsulated common materials, including cartoned, unexpanded plastics
- Cartoned and uncartoned expanded plastics
- Uncartoned unexpanded plastics
- Some storage arrangements of rubber tires, roll paper and aerosols

To learn more about the ESFR-17 pendent sprinklers and review the technical data sheet, visit www.tyco-fire.com.

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About Johnson Controls:

At Johnson Controls (NYSE:JCI), we transform the environments where people live, work, learn and play. As the global leader in smart, healthy and sustainable buildings, our mission is to reimagine the performance of buildings to serve people, places and the planet.

With a history of more than 135 years of innovation, Johnson Controls delivers the blueprint of the future for industries such as healthcare, schools, data centers, airports, stadiums, manufacturing and beyond through its comprehensive digital offering, OpenBlue. With a global team of 100,000 experts in more than 150 countries, Johnson Controls offers the world's largest portfolio of building technology, software as well as service solutions with some of the most trusted names in the industry. For more information, visit www.johnsoncontrols.com or follow us @johnsoncontrols on Twitter.

Photo caption: Tyco Model ESFR-17 Early Suppression, Fast Response Pendent Sprinkler now FM Approved at 205 F (96 C).

