



News Release

NVENT IMPROVES ITS HOT WATER TEMPERATURE MAINTENANCE SYSTEM WITH THE RELEASE OF THE NEXT GENERATION NVENT RAYCHEM HWAT-ECO-GF CONTROLLER

LONDON – May 28 2019 – Leading provider of electrical connection and protection solutions, nVent Electric plc (NYSE:NVT) (“nVent”), is pleased to announce the launch of the nVent RAYCHEM HWAT-ECO-GF controller. It is the next generation controller for the nVent RAYCHEM Hot Water Temperature Maintenance (HWAT) system, a smart alternative to traditional recirculation systems. The HWAT system is a single-pipe solution for improved water safety, energy efficient design and cost savings. When applied to commercial buildings, such as high-rise office buildings, hotels and mixed-use spaces, HWAT technology improves the delivery of hot water throughout a building, resulting in multiple benefits for building owners and tenants. Currently, nVent is the global leader in single-pipe domestic hot water temperature maintenance systems.

The HWAT-ECO-GF controller has been developed for use with the industry leading nVent RAYCHEM HWAT R2 self-regulating heating cable for hot water temperature maintenance applications. With updated features for greater control and expanded functionality, the HWAT-ECO-GF controller now offers unprecedented value through improved performance and safety, while reducing total installation times and cost of ownership.

Built-in ground-fault protection

The HWAT-ECO-GF controller features built-in ground-fault equipment protection (GFEP) that eliminates the need for incorporating GFEP in the electrical panel. This empowers mechanical engineers and plumbing contractors to ensure full protection is incorporated throughout the entire system – independent of the electrical supplier and without the need for several individual components. This simplifies the installation process and reduces installation times by an average of 33%, resulting in lower total installation costs.

Expanded supply voltage capability

The HWAT-ECO-GF controller is compatible with a supply voltage of 277V, in addition to the 208V and 240V supply of previous models. This higher voltage capacity allows for longer circuit lengths and helps further reduce total installed costs.

A bigger, better display

Featuring a new five-inch color touchscreen display, the HWAT-ECO-GF makes initial programming easier and more efficient for contractors and installers, further reducing the complexity and completion times of HWAT single-pipe hot water temperature maintenance projects.

“For over 20 years, HWAT has been the leader in self-regulating solutions for domestic hot water temperature maintenance”, comments Chris Thibodeau, Product Manager at nVent. “With the introduction of the new HWAT-ECO-GF controller, we are well positioned to deliver even greater value and safety to our growing community of HWAT loyal engineers and contractors.”

Invaluable resources for engineers and contractors

In conjunction with the launch of the HWAT-ECO-GF controller, nVent has released updated data sheets, designs guides and other useful information required for the design and installation of effective HWAT systems. The new resources can be found at: <https://go.nvent.com/hwat-eco-gf.html>.

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About nVent

nVent is a leading global provider of electrical connection and protection solutions. We believe our inventive electrical solutions enable safer systems and ensure a more secure world. We design, manufacture, market, install and service high performance products and solutions that connect and protect some of the world's most sensitive equipment, buildings and critical processes. We offer a comprehensive range of enclosures, electrical connections and fastening and thermal management solutions across industry-leading brands that are recognized globally for quality, reliability and innovation. Our principal office is in London, United Kingdom and our management office in the United States is in Minneapolis, Minnesota. Our robust portfolio of leading electrical product brands dates back more than 100 years and includes nVent CADDY, ERICO, HOFFMAN, RAYCHEM, SCHROFF and TRACER.

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