



For Approval

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Armstrong's New Fire Pump Manager Enhances Performance of Intelligent Fire Pumps

Toronto, January 22, 2024 - [Armstrong Fluid Technology](#) has announced the launch of Fire Pump Manager, a cloud-based service that enables Active Performance Management in its industry-leading Design Envelope Fire Pumps.

The innovative new service proactively tracks and manages pump performance and provides early diagnostic warnings and timely automated reports that help customers make informed decisions and take immediate action to deliver the most efficient and safest fire safety system performance.

More specifically, Fire Pump Manager:

- records data points on municipal supply pressure
- makes digital recordings of pump operation and related data
- provides pump analytics and insights to support condition-based maintenance
- provides timely notifications and alerts for any impending issues in pump performance
- Increased reliability and safety supported by real-time and historic test and performance data

“When combined with Armstrong’s self-regulating, variable speed fire pumps, Fire Pump Manager helps deliver several unique points of value to fire-safety professionals,” said Mike DeMille, Global Offering Manager – Fire Products. This includes:

- Cost savings from reduced need for PRVs (up to \$1,500 per sprinkler branch)
- No drain requirements for any of the PRVs not required

- Space savings in the mechanical room
- Simpler, faster installation
- Elimination of safety factors for supply pressure variation
 - Ability to predict and report potential equipment failure that could result in expensive damage and/or loss of life
 - Reduction of the number of zones in a sprinkler system and the potential elimination of storage tanks
 - Help with fire systems having large differentials between static and residual pressures
 - Increased design flexibility

In addition to providing important new safety benefits, Armstrong's Design Envelope Fire Pumps hold the distinction of being the first self-regulating variable-speed fire pump to meet NFPA-20 (2019 Edition), Section 4.8 standards.

"Through Active Performance Management and Armstrong 360 Service and Support solutions, customers will get the best possible performance and value from fire safety systems at every phase in the lifecycle of a building" DeMille concludes.

Additional information about the new Design Envelope Fire Pumps with *Fire Pump Manager* is available at www.armstrongfluidtechnology.com

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About Armstrong Fluid Technology

With eight manufacturing facilities on four continents, and employees around the world, Armstrong Fluid Technology is known as an innovator in the design, engineering and manufacturing of intelligent fluid flow equipment, control solutions and optimization technologies.

In the shift toward digitalization and integration of fluid-flow systems, Armstrong leads the industry. With advanced solutions that leverage edge computing, IoT, machine learning, digital twin technology and demand-based control, Armstrong provides and protects efficiency in building mechanical systems, approaching energy optimization as a whole-building challenge and advancing the practice of full lifecycle management. Focusing on HVAC, Plumbing, Gas Transmission and Fire Safety applications, we provide energy-efficient, cost-effective solutions and performance management services to building and facility professionals around the world.

Armstrong Fluid Technology is committed to sustainability. In 2019, Armstrong signed the Net Zero Carbon Buildings Commitment, a program launched by the World Green Building Council. As a signatory to the program, Armstrong has pledged to ensure that all its offices and manufacturing facilities operate at net-zero carbon by the year 2030.

In May 2021, in recognition of our leadership in energy efficiency, carbon footprint reduction and environmental stewardship, Armstrong Fluid Technology received a

Queens Enterprise Award for Sustainability. Armstrong has also been named one of 2021's 50 Best Managed Companies. As a recipient of a 50 Best Managed award for 19 years, Armstrong continues to hold Platinum status in the program.