

Armstrong Fluid Technology Launches Systems Envelope I Fluid Management Station (SE-FMS) for Optimized Fluid Management

Armstrong Sets a New Standard with SE-FMS for HVAC Systems

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Announcement

Toronto, Canada, [January 20, 2026] — Armstrong Fluid Technology, a global leader in intelligent, energy-saving fluid-flow and whole-building mechanical solutions, is pleased to announce the launch of its Systems Envelope Fluid Management Station (SE-FMS), a modular solution designed to revolutionize fluid management in HVAC systems. The SE-FMS is engineered to eliminate inefficiencies, reduce costs, and deliver optimized performance throughout the system lifecycle.

The SE-FMS leverages Armstrong's innovative Envelope CORE platform, which integrates advanced digital technologies such as Performance Mapping, Digital Twinning, and real-time performance tracking. These features ensure precise system optimization, enabling customers to achieve the lowest installed cost and best operating lifecycle cost.

Key features of the SE-FMS include:

- **Modular Design:** Available in Simplex, Duplex, and Triplex configurations, the SE-FMS offers flexibility to fit diverse mechanical-room layouts while minimizing space requirements. The compact design uses up to 40% less floor space and modules can be reconfigured easily without specialized tools.
- **Energy Efficiency:** Optimized staging, sensorless control, and advanced intelligence reduce energy consumption by up to 30%, while embodied carbon is reduced by up to 50%.
- **Ease of Installation:** Factory-assembled and factory-verified modular system, delivered pre-wired and ready for rapid commissioning, ensuring up to 30% lower installed costs compared to traditional systems. The Wrench mobile app streamlines commissioning for fast and efficient startup.
- **Reliable Performance:** Built-in redundancy, ISO-certified factory assembly, and continuous performance tracking ensure stable operation and high efficiency.

The SE-FMS is also smart-ready and cybersecure, connecting seamlessly to Envelope Core for real-time performance verification, lifecycle tracking, and predictive analytics. With Armstrong's ADEPT software selection tool, design engineers can optimize HVAC applications for total flow, head, redundancy, and turndown, ensuring reliable operation and long-term energy savings.

"Armstrong Fluid Technology is committed to driving performance and reducing costs for our customers," said

Sam Shaban, Senior Engineering Manager, MPS at Armstrong Fluid Technology. “The SE-FMS represents a significant leap forward in fluid management, offering unparalleled efficiency, reliability, and flexibility for HVAC systems.”

For more information, visit www.armstrongfluidtechnology.com

About Armstrong Fluid Technology

Armstrong Fluid Technology is a global leader in intelligent, energy-efficient fluid-flow and whole-building mechanical solutions. With operations worldwide, Armstrong helps organizations eliminate inefficiency, improve system reliability, and reduce operating costs through innovative products and digital solutions. Serving multiple industries, the company is committed to sustainability and aims for net-zero carbon operations by 2030. Armstrong has earned recognition such as the Queen’s Enterprise Award for Sustainability and the Decarbonisation Excellence award from ISHRAE CoOL Conclave. Learn more at <https://www.armstrongfluidtechnology.com/>.