PRESS RELEASE

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DHT Launches New ST Series High-Temperature Hot Water Semi-Instantaneous Water Heater

New HTHW water heater expands DHT's commercial water heating portfolio with a compact solution for institutional domestic hot water applications.

Towaco, NJ - (November 3, 2026): Diversified Heat Transfer (DHT), a U.S. manufacturer of commercial and institutional water heating and heat transfer equipment, today announced the launch of its new ST Series High-Temperature Hot Water (HTHW) Semi-Instantaneous Water Heater.

The new model expands DHT's proven ST Series with a solution specifically engineered for high-temperature hot water (HTHW) to domestic hot water applications. Designed for both retrofit and new construction projects, the ST HTHW provides engineers, contractors, and facility managers with a compact, pre-engineered system that delivers reliable domestic hot water from high-temperature central plant systems.

The new HTHW semi-instantaneous water heater is designed for demanding applications in healthcare facilities, hospitals, universities and campuses, correctional facilities, institutional complexes, government facilities, and other buildings operating high-temperature hot water systems.

Designed for HTHW Replacement and Retrofit Applications

Facilities with existing high-temperature hot water central plants often face challenges when replacing aging domestic water heating equipment, including limited mechanical room space, system compatibility, temperature control, and integration with modern building controls.

DHT developed the new ST HTHW to address these requirements while providing the flexibility needed for both retrofit and new system designs. Its compact footprint helps simplify installation in existing mechanical rooms, while multiple heat exchanger and control configurations allow the system to be matched to specific hydraulic and thermal requirements.

Key Features of the ST HTHW Water Heater

- Purpose-Built for HTHW Applications: Designed for high-temperature hot water-to-domestic hot water systems.
- Flexible System Design: Available in standard, 2-pass, and 4-pass configurations to meet specific hydraulic and thermal requirements.
- Compact Footprint: Designed to fit into existing mechanical rooms and support equipment replacement projects where available space may be limited.
- Precise Domestic Hot Water Temperature Control: Provides consistent outlet temperatures across changing demand conditions.
- Building Automation System Integration: Native BACnet and MODBUS communication supports connection to modern Building Automation Systems.
- Multiple Control Valve Options: Available with water solenoid valves, 2-way control valves, 3-way control valves, and electric actuators.
- Low-Lead Compliance: Designed to meet low-lead requirements for domestic water applications.
- Expanding DHT's Commercial Water Heating Solutions

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The introduction of the ST HTHW expands DHT's ability to support consulting engineers, mechanical contractors, facility managers, and building owners seeking to replace or modernize domestic hot water equipment connected to high-temperature central plants.

The product combines the established design of DHT's ST Series Semi-Instantaneous Water Heaters with configurations specifically developed for HTHW applications, providing a practical solution for renovation, replacement, and new construction projects.

For further engineering support, or additional information about the ST Series HTHW, visit https://www.dhtnet.com or contact sales@dhtnet.com or your local DHT representative.

About Diversified Heat Transfer
Diversified Heat Transfer (DHT) is a leading engineering and manufacturing company of heat exchange equipment and systems for the residential, commercial, and industrial markets. With more than 90 years of experience, DHT can design, build, and manufacture innovative, technology-driven products that provide flexible, high-quality, and cost-effective solutions for a wide variety of applications. In 2022, DHT acquired Sussman Electric Boilers, the industry leader in electric steam and hot water boilers, with a century-long legacy.