SPX TECHNOLOGIES

Scale Up Data Center Capacity with Efficient Cooling Solutions

Server-Centric Solutions for Critical Operations

As data center demand grows, so do the challenges of maintaining performance. Power must remain uninterrupted, even as chip temperatures continue to rise above 131°F (55°C) and rack heat loads climb to 600kW and eventually to 1MW. Data centers today require cooling densities over 8,000 times greater than standard commercial buildings, enabling significantly higher sales capacity per square foot.

At SPX, our strength lies in our expansive and highly engineered product portfolio. Delivering precision cooling and air management solutions, we offer globally fulfilled, engineered-to-order systems that support mission-critical environments. Each product in our portfolio is designed to meet specific performance, efficiency and footprint requirements. Our portfolio includes industry-leading brands such as Marley® Cooling Towers and Components, Tamco® Dampers, and Ingénia® Custom Air Handling Units.

Turning Challenges into Results

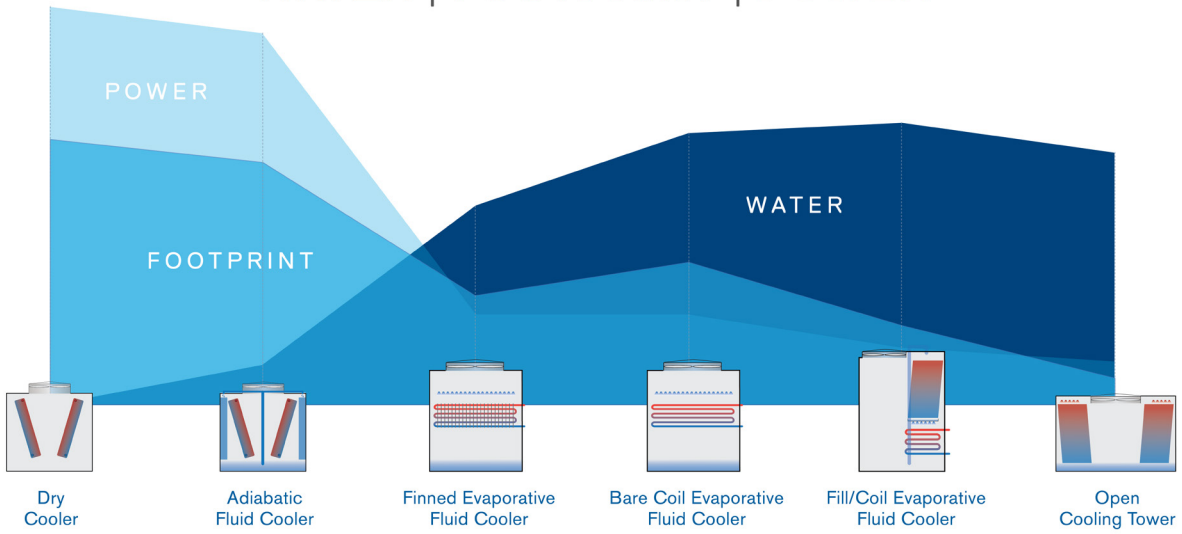
Power consumption is projected to exceed 6% of global usage by 2028. To bridge power gaps, operators often face tradeoffs with water usage, adding complexity to sustainability efforts. Meanwhile, rooftops are already packed with HVAC systems, and higher-density equipment is needed to keep pace with rising server heat loads. SPX meets these needs with engineered cooling solutions that balance power, footprint and water use. Our portfolio - from dry coolers to advanced evaporative systems - supports scalable, efficient infrastructure without compromising performance or sustainability.

Solutions by Size

SPX delivers scalable solutions for data centers of all sizes, from 1GW hub campuses to 1MW edge sites, with modular chiller plants, pump and piping skids, water treatment systems and integrated power. For edge deployments, we offer compact fluid coolers integrated into battery energy storage (BESS) and MEP systems, delivering seamless performance across hub and spoke/edge environments for efficiency and resource optimization at every scale.

PRODUCT PORTFOLIO

WATER | FOOTPRINT | POWER



Global Reach. Engineered Reliability.

With over 100 years of proven performance and more than 250 global patents, SPX cooling solutions are built for high-density data center environments. As a full-line manufacturer of cooling towers and air-cooled heat exchangers, SPX offers a complete portfolio of heat rejection equipment. Our global network of 150+ offices and partners ensures reliable delivery and support wherever your data centers operate.

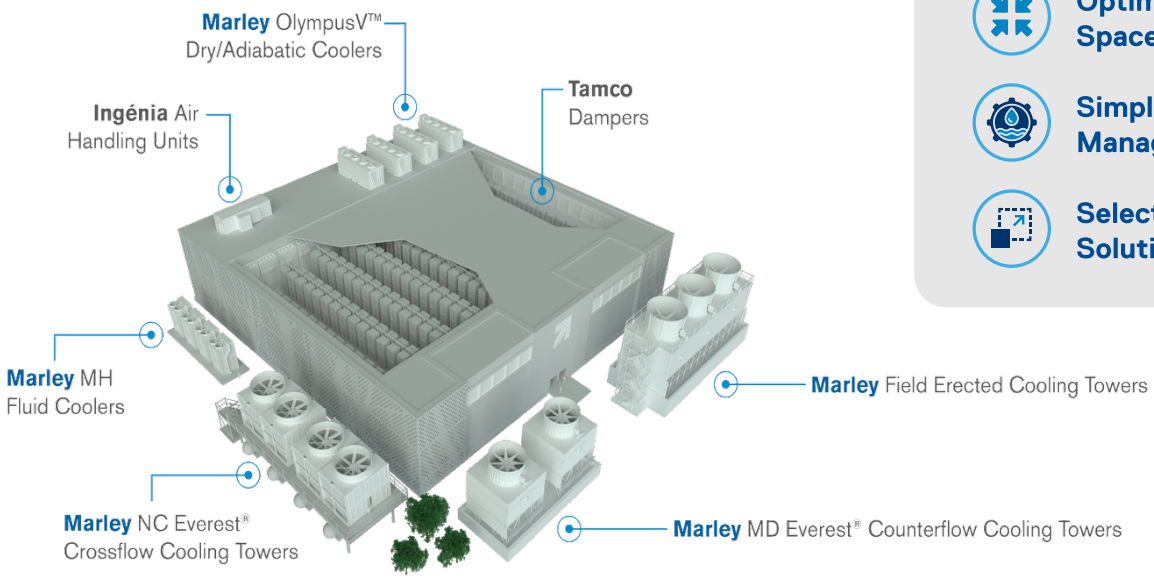
The Cave: Foundation of Innovation

Since 1957, SPX's R&D facility - "The Cave" - has led innovation in heat rejection technologies. Located in a repurposed Kansas City limestone mine spanning 7 acres in total, with 3 acres underground, 70 feet below the surface - it supports full-scale product development with labs for prototype modeling, testing and fan technology. As the foundation of Marley system specifications, The Cave's controlled environment exemplifies SPX's commitment to engineering excellence and continuous innovation.

Solutions for Scalable Infrastructure

SPX offers a broad and versatile cooling portfolio designed to help data centers meet both sustainability and operational goals. Our solutions optimize energy and water use while supporting mission-critical uptime and future scalability. Whether you're managing a large campus or a compact edge site, SPX systems are built to maximize performance with high-capacity cells and space-saving configurations that reduce physical footprint. With consistent designs and proven technologies, we simplify global deployment - ensuring reliable integration and responsive support across all your locations. From initial setup to long-term operation, SPX delivers the flexibility and reliability needed to keep your infrastructure running efficiently.

- **Balance Water & Power Initiatives**
- **Optimize the Space You Have**
- **Simplify Water Management**
- **Select & Implement Solutions with Ease**



SPX COOLING TECH, LLC
7401 WEST 129 STREET
OVERLAND PARK, KS 66213 USA
913 664 7400 | spxcooling@spx.com
spxcooling.com

SP-DC-25 | ISSUED 08/2025
COPYRIGHT © 2025 SPX Cooling Tech, LLC. All rights reserved.
In the interest of technological progress, all products are subject to design and/or material change without notice.

SPX TECHNOLOGIES