



For Immediate Release

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Carrier Japan Launches AquaForce 30XFZ Air-Cooled Screw Chiller for Data Centers

New solution delivers energy efficiency, rapid recovery performance and future-ready flexibility for next-generation data centers

TOKYO, Oct. 1, 2026 – Carrier has launched in Japan the AquaForce™ 30XFZ air-cooled screw chiller, a new cooling solution engineered to address the evolving needs of the rapidly growing data center market. As adoption of generative AI accelerates and demand for cloud-based services continues to expand, the AquaForce 30XFZ helps data center operators meet three critical priorities: energy efficiency, business continuity and long-term flexibility. [Carrier Japan](#) is a part of Carrier Global Corporation (NYSE: CARR), global leader in intelligent climate and energy solutions.

Japan is the second-largest data center market among developed countries after the United States. Japan's data center market size reached USD \$23.4 billion in 2024. Growth projections for 2025-2030 indicate an annual average growth rate of 6.7%, reaching USD \$33.4 billion by 2030. The rapid growth of cloud computing, artificial intelligence (AI) and digital services is driving new demands on data center infrastructure. Operators must manage increasing power consumption, maintain reliable cooling for mission-critical environments and prepare for evolving performance requirements driven by higher-density computing workloads.

To address these evolving cooling requirements, Carrier Japan is introducing the AquaForce 30XFZ air-cooled screw chiller to the Japanese market. The 30XFZ combines high efficiency at elevated chilled-water temperatures, integrated free cooling and rapid restart capability of as little as 120 seconds following power interruptions. The solution enables seamless free-cooling operation without unit shutdown and incorporates a built-in free-cooling heat exchanger to help reduce installation footprint. Its fast startup performance supports rapid recovery of cooling capacity, while reducing buffer tank requirements, equipment space and capital investment. Beyond equipment performance, Carrier supports customers through a comprehensive lifecycle approach, combining advanced monitoring, preventive maintenance, service expertise and responsive aftermarket support to help ensure the continuous operation of mission-critical facilities. Delivering a balance of energy efficiency, operational resilience and scalability, the 30XFZ helps data center operators meet today's performance requirements while preparing for future infrastructure needs.

"Carrier has developed a broad range technologies and solutions for data center markets around the world, and Carrier Japan will continue to strengthen the value we bring to customers in Japan by leveraging our global expertise and innovation," said Mineo Maruyama, President of Carrier Japan. "In addition to our Universal Smart X (USX) EDGE™ air-cooled modular chiller, which has already been adopted by many data center customers in Japan, the introduction of the AquaForce 30XFZ expands our ability to support a broad range of data center applications, from enterprise and colocation facilities to hyperscale environments. By combining efficiency, resilience and scalability, the 30XFZ helps customers meet today's operational demands while preparing for future growth."

For more information, visit [Carrier HVAC Asia Pacific](#).

About Carrier Japan

Carrier Japan provides sustainable solutions integrating energy efficient products for residential, light commercial and industrial customers. Carrier Japan is a part of Carrier Global Corporation (NYSE: CARR), global leader in intelligent climate and energy solutions, committed to creating innovations that bring comfort, safety and sustainability to life. For more information, visit [Carrier HVAC Asia Pacific](#).

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