



**For Immediate Release**

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## **Carrier Launches New High-Efficiency VRF Model in Japan with Industry-First Voluntary Certified Performance Rating**

*Reduced environmental impact with small footprint  
to address emerging challenges in customers' decarbonization trajectory*

**TOKYO, May 12, 2026** – Carrier announced today the launch in Japan of a new high-efficiency model in its Super Multi u™ variable refrigerant flow (VRF) series, featuring an industry-first voluntary certified performance rating for air-cooled package AC systems. Introduced in 2025 as part of the [Super Multi u R32 series](#), this new model is designed to support reduced environmental impact in commercial buildings by lowering energy consumption and helping building owners advance their decarbonization efforts. [Carrier Japan Corporation](#) is a part of Carrier Global Corporation (NYSE: CARR), global leader in intelligent climate and energy solutions.

Japan is accelerating efforts to improve building energy efficiency as part of its commitment to achieving carbon neutrality by 2050. Energy-efficiency compliance became mandatory for most new buildings in 2025, with further requirements introduced in April 2026 that tightened thresholds for primary energy performance—particularly for medium- to large-scale non-residential buildings—under the Building Energy Index (BEI) framework. BEI assesses a building's overall energy performance by aggregating the efficiency of key components, including lighting, insulation, windows and air conditioning systems. Failure to meet government-prescribed standards results in denial of building confirmation approval for any new construction project. Against this backdrop, HVAC performance has emerged as a critical factor in BEI compliance. According to the Japanese government, air conditioning systems account for approximately 60% of equipment-related energy consumption in medium-sized non-residential buildings, underscoring the growing importance of high-efficiency climate control solutions.

Designed to address these challenges, Carrier Japan's newly launched model helps improve BEI performance while easing the design and planning burden on architects and building owners. In real-world operation, air conditioning systems run at full capacity only for limited periods—such as several peak days in mid-summer. For the vast majority of operating hours, once indoor temperatures reach the set point, systems operate at partial load to maintain comfortable conditions. Reflecting these usage patterns, Carrier Japan has long adopted high-efficiency rotary compressors across its air conditioning product portfolio—a core technical strength of the company. The strong part-load efficiency delivered by rotary compressors was instrumental in Carrier Japan becoming the first VRF manufacturer to obtain voluntary certified performance ratings under the new BEI framework. Building on this foundation, the new model delivers reliable BEI improvement while also achieving a more compact equipment size.

“With its small footprint and voluntary performance certification, this new high-efficiency model is designed to help architects and consultants navigate increasingly complex BEI requirements with greater confidence and efficiency, while easing installation and planning constraints,” said Mineo Maruyama, President & CEO, Carrier Japan. “By translating advanced energy performance into practical value for our customers, it reflects our firm commitment to supporting Japan's transition toward a carbon-neutral society by 2050.”

When calculating BEI for an entire building, design professionals are required to use government-specified calculation programs. Until recently, however, these programs did not fully reflect detailed performance differences among manufacturers, including part-load efficiency. To address this limitation, Japan institutionalized a voluntary rating system in 2025 to evaluate the part-load performance of air-cooled packaged air conditioning systems, based on assessments conducted by third-party organizations

designated by the Japanese government. Carrier Japan responded promptly, obtaining a voluntary rating certificate following rigorous performance evaluation by an authorized third-party institution. As a result, BEI calculations can now incorporate the certified equipment's specific part-load characteristics, enabling a more accurate reflection of actual operating performance and contributing to improved BEI values for the building as a whole. For more information, visit <https://www.toshiba-carrier.co.jp/>.

### **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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