For Immediate Release

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Carrier Japan Corporation

Carrier to Launch R32 Super Multi-u mini VRF System for Commercial Buildings in Japan

Top-Class Energy Efficiency with Enhanced Flexibility in Installation and Design, Delivering Added Value for All Stakeholders

TOKYO, March 3, 2026 – Carrier Japan Corporation announced that it will launch a new model of the Super Multi-u™ mini VRF series for commercial applications. The new model adopts low global warming potential (GWP) R-32 refrigerant in response to Japan's F-gas regulations, reinforcing the company's commitment to sustainability. Sales are scheduled to begin in May 2026. Carrier Japan is a part of Carrier Global Corporation (NYSE: CARR), global leader in intelligent climate and energy solutions.

Amid the phased introduction of GWP regulations and the enforcement of Japan's Building Energy Efficiency Act in 2025—which establishes energy performance standards for residential and commercial buildings—commercial air conditioning systems are increasingly required to deliver both reduced environmental impact and high energy efficiency.

"Amid growing societal focus on environmental sustainability, we believe our role as a provider of intelligent climate and energy solutions carries greater responsibility than ever before," said Toru Kubo, President of Carrier Japan. "We will continue to value the voices of users, as well as professionals engaged in design and installation on the front lines and remain committed to delivering products and solutions that help address the challenges faced by all of our stakeholders."

Carrier Japan is committed to delivering products and solutions that support safe installation while enabling greater flexibility in system design and installation. Concurrently, Carrier continues to advance the development of highly energy-efficient products, supporting air-conditioning system designs that enhance the overall value of our customers' buildings. Key features of the new model include:

1. **High Energy Efficiency**
   - All models comply with the 2015 energy efficiency standards (APF2015) and achieve industry-leading APF levels.
   - The adoption of a large-diameter fan and high-performance, low-GWP R-32 refrigerant delivers a high coefficient of performance (COP). This contributes to reducing the Building Energy Index (BEI), which indicates a building's primary energy consumption performance, and supports improved energy efficiency in buildings where air conditioning accounts for a significant share of energy use—helping meet current energy-saving standards, prepare for future regulatory enhancements, and enhance overall building value.

2. **Enhanced Design Flexibility**
   - The new lineup includes a 5HP model compatible with single-phase 200V power, as well as the cold-climate Dantaro series. This expands available options to better accommodate a wider range of applications and installation conditions.
   - With an industry-leading piping configuration—up to 300 meters in total piping length and a 50-meter vertical separation between outdoor and indoor units (when the outdoor unit is installed above)—the system supports long-piping configurations comparable to top-discharge outdoor units, despite its side-discharge design. Existing refrigerant piping can also be reused when upgrading from top-discharge outdoor units, contributing to space-saving installations.

- Industry-leading low noise levels make the system well suited for installation in environments where consideration for surrounding areas is required.
- Reduced rated current enables greater design flexibility, including installations involving multiple units or sites with limited circuit breaker capacity.

3. Safe and Reliable Installation, Maintenance

- The handle position has been redesigned to sit 100 mm lower than previous models, and the unit has been made lighter. This improves portability and helps reduce the burden of transportation and installation work.
- The front panel adopts a slide-type design with fewer screws, making panel removal easier and improving maintainability.
- Power can be supplied from the outdoor unit to the indoor units, allowing flexible installation even at sites where indoor power sources are not readily available.
- To enhance safety during installation, a fin guard is provided as standard equipment, with careful attention given to details to ensure safe and reliable installation.

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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