



For Immediate Release

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**Carrier Japan to Launch R32 Super Multi-u VRF
Addressing Sustainability, Safety and Comfort Needs**

TOKYO, Sept. 1, 2025 – Carrier Japan Corporation will launch a new model of the Super Multi-u™ VRF Series using R-32 refrigerant in December, addressing the F-gas legislation in Japan. Carrier Japan is a part of Carrier Global Corporation (NYSE: CARR), global leader in intelligent climate and energy solutions.

In response to the global push toward sustainability, the demand for energy-efficient HVAC systems has grown significantly in recent years. These systems, which represent a substantial share of energy consumption in buildings, are now at the forefront of efforts to address climate change, achieve carbon neutrality and advance the sustainability goals.

“This product is designed to meet the evolving demands of today’s market, offering a wide range of models and flexible indoor unit combinations—all while maintaining a strong commitment to environmental sustainability through exceptional energy efficiency,” said Toru Kubo, President of Carrier Japan. “At Carrier Japan, we remain dedicated to closely tracking industry trends and actively listening to the voices of professionals in design and construction. Our mission is to deliver true value that aligns with the real-world needs of the field.”

Carrier Japan has focused on product enhancement from multiple perspectives—including environmental considerations, safety design, comfort, ease of installation, system connectivity and indoor air quality. Through these efforts, we are committed to delivering a more comprehensive lineup of outdoor and indoor units that help address our customers’ needs.

The product’s notable features include:

- **Environmental Considerations:** The new product adopts R-32 refrigerant (Global Warming Potential: GWP = 675), in compliance with Japan’s F-gas legislation. Compared to the refrigerant used in previous models, this change reduces the environmental impact by approximately two-thirds. Additionally, the unit is equipped with a DC triple rotary compressor and our proprietary patented technology—the Vane Sealing Injection Mechanism—which significantly enhances heating efficiency and further improves energy-saving performance.
- **Safety Design:** All indoor units are equipped with built-in refrigerant leak sensors. Additionally, a shut-off valve unit has been incorporated to enhance safety for both users

and installation personnel.

- Enhanced Comfort: The 4-way ceiling cassette indoor unit comes standard with a UVC drain water sterilization function. Furthermore, it supports air purification and indoor air quality.

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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