



For Immediate Release

Contact: Jack Hunsley
For Carrier Transicold
020 8647 4467
jack.hunsley@garnettkeeler.com

Tesco Selects Carrier Transicold's Ultra-Low GWP Trailer Refrigeration Technology

WARRINGTON, England, September 9, 2026 — [Carrier Transicold](#) has delivered five Vector HE 19 Low CO₂ Emissions Multi-Temperature (MT) trailer refrigeration units to Tesco, supporting the retailer's transition to lower emissions refrigerated transport and cold chain logistics operations. *Carrier Transicold is part of Carrier Global Corporation (NYSE: CARR), global leader in intelligent climate and energy solutions.*

Mounted on 13.6-metre Gray & Adams trailers, the units are charged with R454A refrigerant, which has a certified Global Warming Potential (GWP) of 239. Compared with R452A, a refrigerant commonly used in trailer refrigeration systems with a GWP of 2,140, R454A reduces GWP by nearly 90% while maintaining equivalent cooling performance.

"Working with Carrier Transicold allows us to take meaningful steps towards reducing emissions across our fleet," said Cliff Smith, Fleet Engineering Manager, Tesco. "The Vector HE 19 Low CO₂ Emissions units support our strategy to transition away from carbon-intensive solutions, without sacrificing reliability or efficiency. This investment demonstrates how we are embedding sustainability into every part of our supply chain."

The deployment comes as refrigerated fleet operators across Europe increasingly explore lower-GWP refrigeration technologies as part of broader efforts to reduce

emissions from temperature-controlled distribution and support evolving environmental goals.

The Vector HE 19 Low CO₂ Emissions system has undergone a comprehensive internal redesign to accommodate the ultra-low GWP refrigerant while maintaining the familiar user experience and performance of the standard Vector platform. The system includes leak-detection sensors and a pump-down system that automatically recovers refrigerant in the event of a leak, helping to reduce the potential release of fluorinated greenhouse gases (F-gases).

To support the rollout, Carrier Transicold and its service partners have established a comprehensive support framework, including dedicated technician training on the handling of ultra-low GWP refrigerant and associated technologies, as well as specialised maintenance tools and equipment. Carrier Transicold also provides ongoing operational guidance and technical support to help ensure long-term reliability.

"Fleet operators are looking for practical ways to reduce the environmental impact of refrigerated transport without compromising operational performance," said Tony Biggs, UK National Sales Manager, Carrier Transicold. "This deployment demonstrates how ultra-low GWP refrigerant technology can be integrated into large-scale temperature-controlled distribution operations while maintaining high-performance expectations."

Tesco operates more than 2,900 stores in the UK and will use the new trailers to transport ambient, chilled and frozen goods throughout its national distribution network seven days a week. The five refrigeration units are supported by Carrier Transicold's BluEdge fixed-cost full-service maintenance package, which includes annual

temperature-control testing and certification, regulatory inspections and access to the company's oneCALL™ 24/7 incident management system.

For more information on Carrier Transicold products and services in the UK, visit carriertransicold.co.uk.

About Carrier Transicold

Carrier Transicold helps improve transport and shipping of temperature-controlled cargoes with a complete line of equipment and services for refrigerated transport and cold chain visibility. For more than 50 years, Carrier Transicold has been an industry leader, providing customers around the world with advanced, energy-efficient and environmentally sustainable container refrigeration systems and generator sets, direct-drive and diesel truck units, and trailer refrigeration systems. Carrier Transicold is a part of Carrier Global Corporation, global leader in intelligent climate and energy solutions, committed to creating innovations that bring comfort, safety and sustainability to life. For more information, visit www.carriertransicold.co.uk. Follow [Carrier Transicold Truck Trailer Refrigeration](#) on LinkedIn.

#

CT/006/26