For Immediate Release

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Marks & Spencer Among First UK Businesses to Adopt Carrier Transicold Vector HE 19 with Low-GWP Refrigerant

Fleet testing demonstrated approximately 14% better fuel efficiency with software upgrade

WARRINGTON, England, November 16, 2026 — Marks & Spencer (M&S), a leading British retailer, has become one of the first UK businesses to take delivery of Carrier Transicold's Vector® HE 19 with low global warming potential (GWP) refrigerant while also upgrading its existing Vector HE 19 fleet with fuel-optimisation software. Carrier Transicold is a part of Carrier Global Corporation (NYSE: CARR), global leader in intelligent climate and energy solutions.

Mounted to a specialist Gray & Adams urban trailer, the unit is engineered to run on R454A, an A2L refrigerant with a GWP of 239, up to 89% lower GWP than the industry standard R452A (GWP 2,140), while maintaining the reliability and energy-efficiency customers expect.

"We've long recognised the need to reduce the environmental impact of our temperature-controlled fleet, and this latest collaboration with Carrier Transicold is a clear example of how that ambition is accelerating," said Mick Pethard, M&S's Group Fleet Manager. "By combining this next-generation refrigerant technology with the updated fuel-saving software, we're addressing both refrigerant impact and fuel consumption across our fleet, without disrupting day-to-day operations. These are

practical, scalable solutions that align with our broader sustainability goal of achieving net zero across our supply chain by 2040."

Engineering Innovation and Software Upgrades Advance Refrigerant and Fuel Efficiency

Many low-GWP refrigerants belong to the A2L class, offering a significantly lower GWP than conventional refrigerants while requiring engineering safeguards to address mild flammability characteristics. Carrier Transicold has developed a safety-by-design approach to A2L adoption that combines engineered safeguards, rigorous manufacturing controls, leak detection and a patented two-stage safety response to help manage risk and support regulatory compliance. Learn more about how Carrier Transicold is advancing the safe adoption of low-GWP A2L refrigerants in its safety-by-design technical white paper.

M&S also implemented the fuel optimisation software upgrade for its existing Vector HE 19 fleet, reconfiguring the units to deliver a range of operational advances, including introducing a new engine speed range in both start-stop and continuous-mode duty cycles. In head-to-head tests conducted with M&S, these changes demonstrated approximately 14% better fuel efficiency under the specific test conditions, helping support the company's decision to upgrade its existing Vector HE fleet.

"Fleet operators shouldn't have to choose between improving today's equipment and investing in the next generation of refrigeration technology," said Tony Biggs, National Sales Manager, Carrier Transicold. "Our work with M&S demonstrates how software can unlock additional efficiency from existing Vector HE 19 units while lower-

GWP refrigerant technology provides another practical pathway to reduce the potential climate impact associated with refrigerant emissions."

The new units are supported by a comprehensive BluEdge fixed-cost full-service maintenance package, including annual temperature control testing and certification, full regulatory checks and access to the oneCALL 24/7 incident management system.

For more information about 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.

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CT/005/26