



For Immediate Release

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Carrier Transicold Technology and Vector eCool Units Help Booths Move Towards Diesel-Free Future

WARRINGTON, England, August 25, 2022 — Premium UK supermarket chain Booths has made a significant commitment to lowering emissions across its temperature-controlled fleet with a range of new [Carrier Transicold](#) equipment, including three Vector® eCool™ units – the world’s first fully autonomous, all-electric engineless refrigerated trailer system. *Carrier Transicold is a part of Carrier Global Corporation (NYSE: CARR), the leading global provider of healthy, safe, sustainable and intelligent building and cold chain solutions.*

The new Vector eCool units, mounted to tandem-axle urban trailers from Gray & Adams, are joined by six new DAF CF 4x2 tractors fitted with Carrier Transicold’s Eco-Drive™ power units, allowing the company’s existing Carrier-equipped refrigerated trailers to be powered directly by the truck’s engine. Operating off the truck engine, the Eco-Drive can provide 100% refrigeration capacity, even at standard engine idle speed.

Later this year, two 26-tonne DAF CF rigids fitted with engineless Carrier Transicold ICELAND MT (multi-temperature) systems will also be added. The new assets will allow Booths to operate 70% of its temperature-controlled equipment on either all-electric or hybrid electric power.

“We’ve been specifying Carrier systems for close to 10 years now and will soon be completely Carrier-cooled,” said Craig Stopforth, Transport Manager at Booths. “The

reason being, they're simply leading the industry in innovative, environmentally-responsible technology that's also commercially viable. Thanks to Carrier we can see a clear path toward an engineless future for our refrigeration systems and don't anticipate specifying any diesel-powered systems from here on."

Utilising the engineless version of Carrier Transicold's Vector HE 19 MT refrigeration unit, the new Vector eCool system combines E-Drive™ all-electric technology with a new cutting-edge energy recovery and storage system. This converts kinetic energy generated by the trailer axle and brakes into electric power, which is stored in a battery pack that powers the refrigeration unit – a loop that creates the industry's first fully autonomous system, producing no direct carbon dioxide (CO₂) or particulate emissions. The system plays a key role in [Carrier's 2030 ESG goal](#) of helping customers avoid more than one gigaton of greenhouse gas emissions.

The new assets will deliver chilled and frozen food products from the company's main depot in Preston to stores across the northwest of England. The trailers will stay in the fleet for 10 years, while the company expects to keep the rigids in operation for approximately six years, with both expected to clock up close to 60,000 miles per year. Service and maintenance support for the Booths fleet, including the new assets, is provided by Carrier Transicold service partner, Carrier Northwest.

"The forward-thinking approach Booths takes toward the sustainability of its commercial vehicles is one that ties in very closely with Carrier Transicold's own outlook," said Geoff Fearnley-Hill, National Key Account Manager, Carrier Transicold UK. "Introducing Eco-Drive, the Vector eCool and Carrier's engineless systems will play

a key role in reducing refrigeration unit fuel costs while supporting Booths' approach toward reducing emissions across its fleet.”

Booths has been in business since 1847, and now operates stores in towns and cities across Lancashire, Cheshire, Cumbria and Yorkshire.

Carrier Transicold creates refrigeration solutions to handle precise temperature-controlled cargo, like food and beverages, as part of its [Healthy, Safe, Sustainable Cold Chain Programme](#). Products and services are designed to ensure the safe delivery and consumption of consumer perishable goods. For more information on Carrier Transicold products and services in the UK, visit www.carriertransicold.co.uk. Follow Carrier Transicold on Twitter: [@SmartColdChain](#) or on LinkedIn at [Carrier Transicold Truck Trailer Refrigeration](#).

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, the leading global provider of healthy, safe, sustainable and intelligent building and cold chain solutions. For more information, visit www.carriertransicold.co.uk. Follow Carrier on Twitter: [@SmartColdChain](#) and on LinkedIn at [Carrier Transicold Truck Trailer Refrigeration](#).

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