



**For Immediate Release**

**Contact:** Andy Hemphill / Beth Laws  
For Carrier Transicold  
020 8647 4467  
[andy.hemphill@garnettkeeler.com](mailto:andy.hemphill@garnettkeeler.com)  
[beth.laws@garnettkeeler.com](mailto:beth.laws@garnettkeeler.com)

**Carrier Transicold's Latest Truck-Trailer Offerings Deliver Enhanced Sustainability and Improved Efficiency**

*Stand E15, Hall 27, IAA Show, Hannover, Germany, 22 – 29 September 2016*

**WARRINGTON, England, September 21, 2016** — [Carrier Transicold](#) is showcasing its latest evaporator range for Supra® and Vector™ temperature-controlled units at the IAA Show. The new evaporators are displayed alongside models selected to highlight the breadth of the Carrier Transicold range, which includes systems for light commercial vehicles, rigid trucks and trailers. *Carrier Transicold, which operates in the UK as Carrier Transicold UK, is a part of UTC Climate, Controls & Security, a unit of United Technologies Corp. (NYSE: UTX).*

The new evaporators are suitable for multi-temperature applications and feature new styling – with models available in four widths ranging from 700 millimeters to 2,200 millimeters.

A new defrost operation and improved water drain eliminate the risk of water splashing onto the cargo being transported. Plus, they can be installed quickly and easily in both rigid bodies and trailers, with a fast dismounting system to aid repair and maintenance during a long life in service.

## **Supra<sup>®</sup> Truck Unit with Low Emissions Pack**

Joining the new evaporators on display is the latest Supra transport refrigeration system featuring a Low Emissions Pack to minimise environmental impact.

The Low Emissions Pack comprises three key features including an ultra-clean diesel engine, which reduces particulate matter by up to 50 per cent versus a standard diesel motor, together with Carrier's ultra-low noise option kit for quieter operation. This feature reduces noise levels, making it ideal for vehicles being used for urban missions and night-time deliveries. The unit can also be delivered as a City version, which is compliant with PIEK standards, operating below 60 decibels.

Also included in the Low Emissions Pack is the use of R-452A refrigerant, which has the same cooling capacity, fuel efficiency, reliability and refrigerant charge as the standard R-404A refrigerant, but offers a 45 per cent reduction in Global Warming Potential (GWP).

The new R-452A refrigerant is optionally available in place of R-404A refrigerant throughout the Vector, Supra and Pulsor™ ranges.

## **Compressed Natural Gas (CNG)-Powered Supra**

The stand also features a video highlighting Carrier Transicold's prototype CNG engine. This new power source enables a significant reduction in polluting emissions – 95 per cent in particulate emissions, 70 per cent in nitrogen oxide emissions – and noise emissions. This may also provide savings in running costs too, as the price of CNG as an operating fuel has been consistently lower than diesel.

Carrier Transicold is currently designing a prototype of the engine, as an important first step toward using a CNG engine for transport refrigeration. It is designed to be fitted with an independent fuel tank, allowing for full autonomy of the refrigeration unit.

### **Vector 1950 MT Trailer Unit**

Joining the Supra unit on display is a Vector 1950 MT (multi-temperature) trailer refrigeration unit with R-452A refrigerant. Delivering a high cooling capacity of 18,875 watts, the Vector 1950 MT is well suited to maintain precise temperature control of sensitive goods on intensive distribution routes with multiple door openings. Multi-zone control allows for a flexible trailer configuration whilst the 5,700 m<sup>3</sup>/h airflow helps to protect the cargo with unparalleled pull-down speeds and even air distribution.

### **Pulsor Units for Pharmaceutical Missions**

Carrier Transicold is also featuring a unit from its Pulsor light commercial vehicle range on its stand – one of a handful of high-performance units, which is ideally suited to transporting pharmaceuticals.

Pulsor systems stand out for their ability to reach full refrigeration capacity at engine speeds as low as 1,000 rpm. This means they can maintain temperature integrity throughout the delivery cycle – even when making deliveries in congested city centres.

The units also offer the ability to simultaneously cool and heat different compartments within the load space at the same time, maintaining chosen set points

between -25 and +30 degrees Celsius in outside temperatures of -25 to +50 degrees Celsius. This temperature range makes them ideal for operation in Europe year-round, with precise temperature control to within 0.8 degrees of the set point.

For more information on Carrier Transicold at the IAA, together with the full range of products and services, visit [www.carriertransicold.co.uk](http://www.carriertransicold.co.uk). Follow Carrier Transicold on Twitter: [@SmartColdChain](https://twitter.com/SmartColdChain).

### **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 45 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 UTC Climate, Controls & Security, a unit of United Technologies Corp., a leading provider to the aerospace and building systems industries worldwide. For more information, visit [www.transicold.carrier.com](http://www.transicold.carrier.com). Follow Carrier on Twitter: [@SmartColdChain](https://twitter.com/SmartColdChain).

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