

cool
by Carrier

VECTOR® HE

**Precision deserves
the best of efficiency**



Carrier
TRANSICOLD
United Technologies

High efficiency for the cold chain

Vector® HE 19 – High Efficiency – is the next generation temperature-controlled trailer system. The unit combines experienced technology, like the all-electric architecture of the E-Drive, with new additions designed to significantly improve performance and efficiency. Operators will benefit from improved fuel consumption by up to 30 per cent, reduced unit weight by 10 per cent and a noise emission lowered by 3 dB(A).

NEW DESIGN AND ARCHITECTURE

Larger condensor surface

Improved airflow through condenser

Easy access for maintenance

Efficient airflow orientation
Coanda effect:
jet flow remaining
“attached” to a curved surface

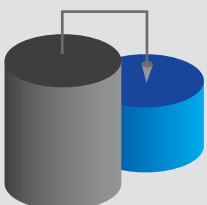
Efficient evaporator fan

New APX controls

E-DRIVE®



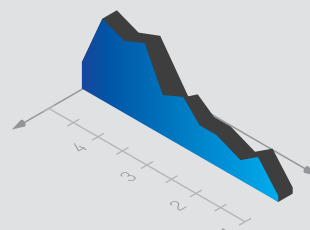
CONTRIBUTING TO YOUR BOTTOM LINE



FUEL SAVING
30%

Up to 1 liter/hour*

*Following ATP test on partial load CEN 16440-1



SAVINGS/YEAR
5.4^TCO₂EQ

20,520 km/year**

**Myclimate: 1T CO₂eq = 3,800 km



POWERFUL, SUSTAINABLE & RELIABLE

The new Vector® HE 19 gathers a combination of reliable, sustainable and powerful features.

TOTAL COST OF OWNERSHIP REDUCED



-30% fuel consumption



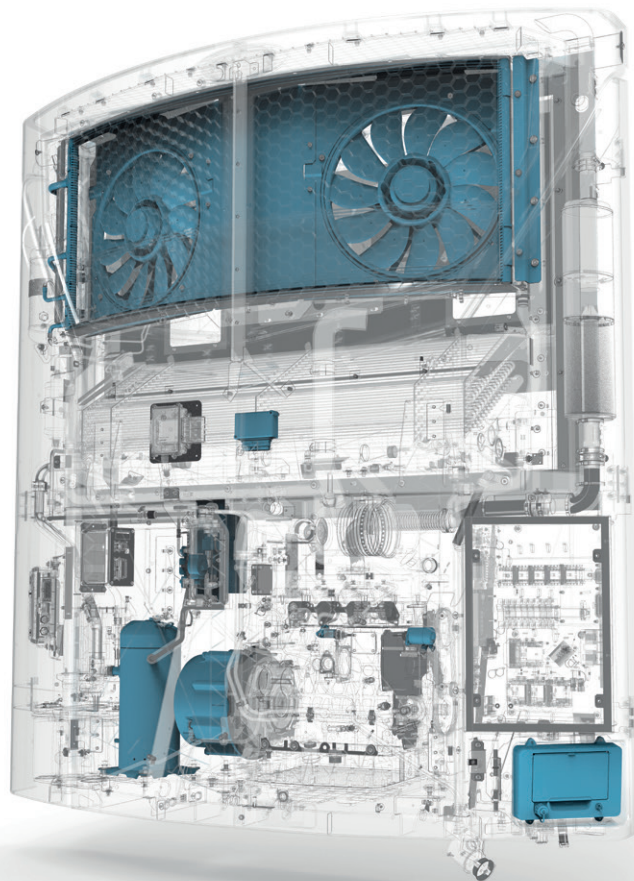
Maintenance/2



Weight -10%



Uptime 99.7%



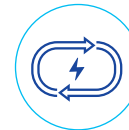
ENVIRONMENTAL IMPACT REDUCED



Leak rate 3% (annual rate)



Low noise emissions -3dB(A)



Flexible power



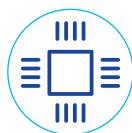
Stage V* standards for diesel engines

*European regulations for Non Road Mobile Machinery (NRMM) specified by Directive 97/68/EC.

COLD CHAIN OPTIMIZATION



Standby mode 14,800W



APX Controls

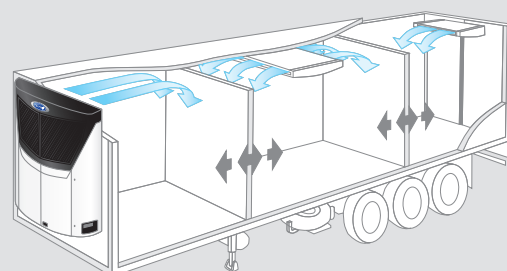


Constant heating 9,000W

MAXIMIZE YOUR COLD CHAIN PERFORMANCE

The new Vector® HE 19 enables high performance cooling capacity with flexible compartment configuration.

A wide choice of evaporators gives you the freedom to customize trailer configurations. Vector® HE 19 also provides constant heating capacity in all weather conditions through its unique concept of simultaneous cooling and heating.



READY FOR AN ALL-ELECTRIC FUTURE

Experienced technology since 1999

The industry-changing E-Drive all-electric technology – pioneered 20 years ago by Carrier Transicold – removes mechanical transmissions found in belt-driven refrigeration systems, and transforms engine power into electricity through a generator.

● Minimum environmental impact



-50% refrigeration leak*

● Ease and safety of maintenance



No belt

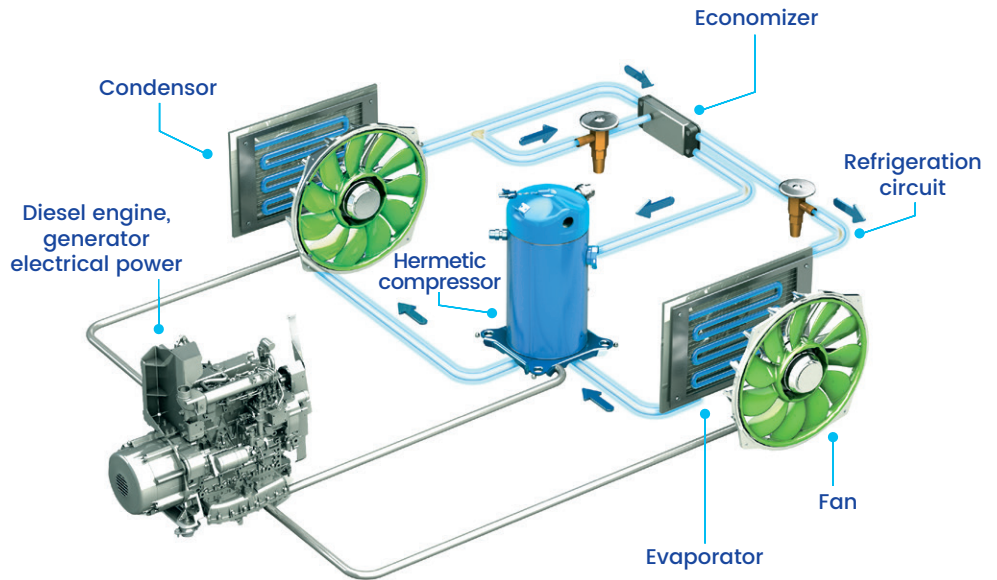


17 serviceable parts removed

● Performance of Temperature control



Multi-temperature performance



*Vs. conventional systems using standard technology.

THE COOL EXPERIENCE RELIABLE EVERYWHERE

More than 600 service centers

With over 600 locations throughout Europe, Middle East, Africa & Russia, Carrier Transicold Europe provides customers with a large refrigerated truck and trailer service network.

More than 2,200 technicians

We place a great focus on technical training and spare parts supply, and have developed our PACE (Performance Assessment & Competitive Excellence) program to ensure speed and quality of response go hand in hand.

24/7 assistance, we are just one call away

With oneCALL service, our team is on hand to help get you back on the road as soon as possible – 24/7/365.

A full service maintenance agreement

With an everCOLD maintenance agreement, you can be confident in receiving the optimum level of product support to help keep your fleet operating efficiently and effectively.

