



CARRIER TRANSICOLD Solutions Catalog



REFRIGERATION SOLUTIONS FOR ALL SEGMENTS

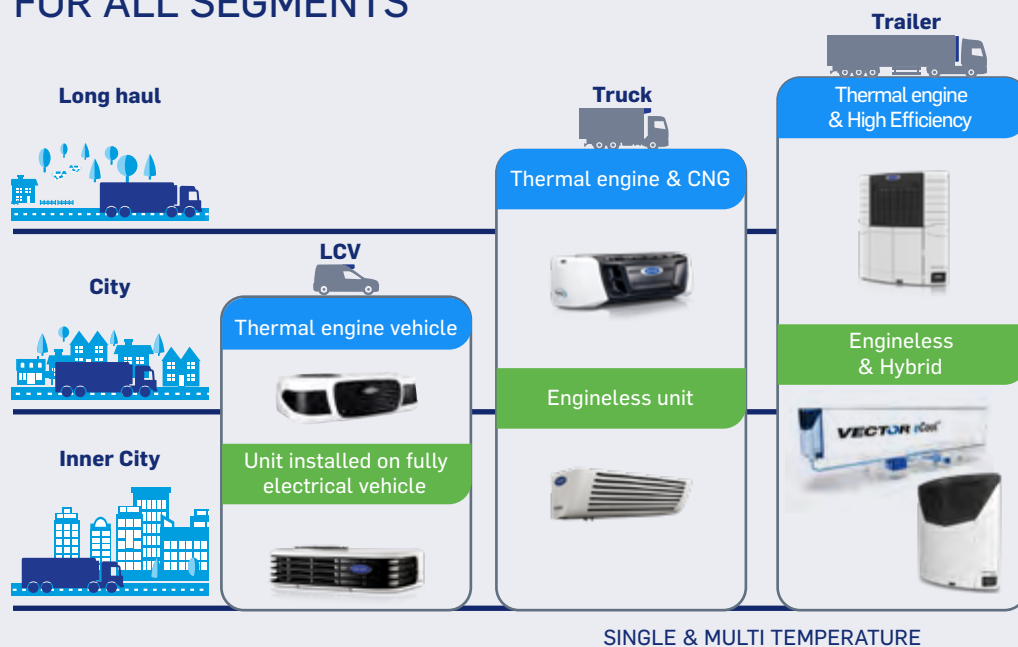


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CARRIER REFRIGERATION

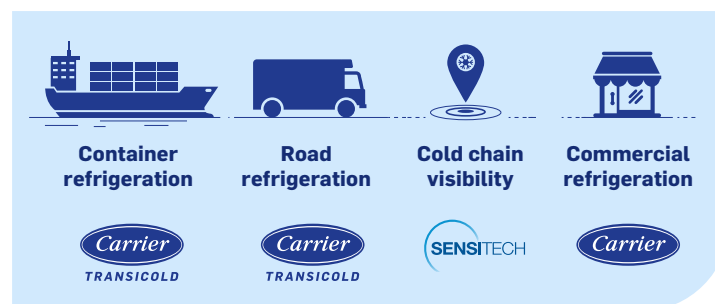
Preserving goods
from Farm to Fork



THIS IS CARRIER TRANSICOLD

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, a leading global provider of healthy, safe and sustainable building and cold chain solutions.



Our vision

Creating refrigerated transport solutions that matter for people and our planet.

Values that guide us

- Respect:** We treat others the way we want to be treated.
- Integrity:** We put honesty, accountability and ethics first.
- Inclusion:** We strive to create an environment where all feel included, regardless of our differences.
- Innovation:** We constantly seek to develop, improve and sustainably grow.
- Excellence:** We deliver on the merits of our products and services, with urgency and flawless execution.

DELIVERING CONFIDENCE

At Carrier Transicold, confidence is what drives us forward. We provide healthy, safe and sustainable cold chain solutions, offering customers advanced connectivity and visibility. Our goal is delivering innovation to reduce waste and ensure temperature-sensitive goods arrive in optimal condition to their destinations around the world. Explore how we're driving a healthier, safer, more sustainable cold chain at a time it matters most with our Healthy, Safe, Sustainable Cold Chain Program – designed to help customers meet rapidly evolving supply chain demands and make their cold chain activities more effective.





HEALTHY, SAFE AND SUSTAINABLE COLD CHAIN

Providing fresh foods and medications to people around the world. Ensuring the safe storage and transport of critical vaccines. Reducing waste and caring for the environment. Bringing it all together with advanced connectivity and visibility. These are the moves that matter. Moves that do good for people and the planet. And at Carrier, we are a global company uniquely equipped to make them. Explore how we're driving a healthier, safer, more sustainable cold chain at a time it matters most.



At Carrier, we estimate that our products cool about

\$9 BILLION

worth of perishable foods and medicine transported over the ocean on any given day.



While the world produces enough food for the current global population, it is estimated that

820 MILLION

people go hungry every day because one third of all the food intended for consumption is wasted or lost.



Today, more than

50%

of all perishable food that is wasted could be eliminated by simply using cold chain technology



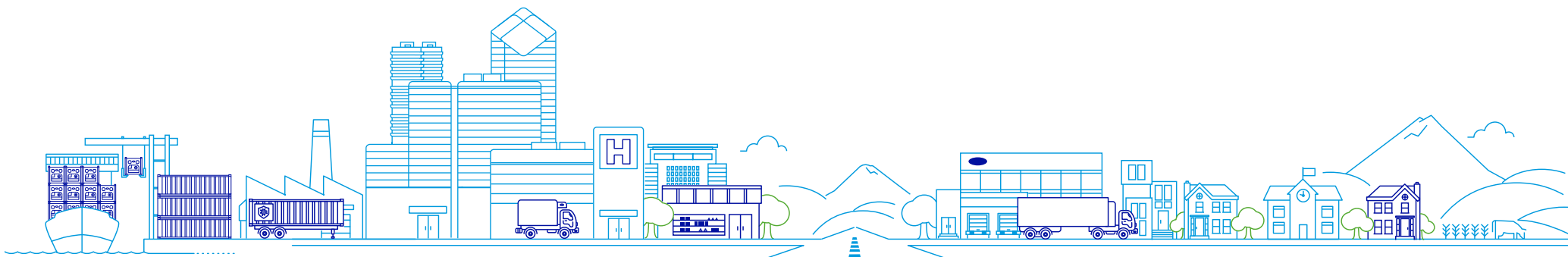
For some medicines to meet regulatory requirements and to be most effective, they must adhere to strict temperature controls and monitoring

APPLICATIONS



PRODUCTS ENERGY

Model	Supra	Supra MT	Supra HE	Syberia	Iceland	Vector S15	Vector	Vector MT
Diesel	■	■	■			■	■	■
CNG		■						
Engineless				■	■		■	■
Battery pack	■	■	■	■	■	■	■	■



Vector eCool

Vector HE 19

Vector 1950

Vector 1550

Vector S 15

REFRIGERATION UNITS FOR TRAILER

For every mission,
there is a Vector

From long haul transport to distribution, each Vector unit has been designed to maximise your cold chain performance and optimise your cost of ownership while minimising environmental impact.



Line up for trailer to 30°C

Classification	C	A									
Temperature	-20°C (-4°F)	0° +2°C (+32° +35°F)									
Required K factor	0,38 watts/m² °C										
Range and type of unit	VOLUME OF THE INSULATED BODY IN m³										
	10	20	30	40	50	60	70	80	90	100	
Trailers											
Vector 1350	<div></div>										
Vector S 15	<div></div>										
Vector 1550	<div></div>										
Vector 1950	<div></div>										
Vector HE 19	<div></div>										
PIEK											
Vector 1550 CITY	<div></div>										
Vector HE 19 CITY	<div></div>										
Zero emission											
Vector 1550 E	<div></div>										
Vector HE 19 E	<div></div>										
Multi-temperature											
Vector 1950 MT	<div></div>										
Vector HE 19 MT	<div></div>										

Line up for trailer to 40°C

Classification	C	A									
Temperature	-20°C (-4°F)	0° +2°C (+32° +35°F)									
Required K factor	0,38 watts/m² °C										
Range and type of unit	VOLUME OF THE INSULATED BODY IN m³										
	10	20	30	40	50	60	70	80	90	100	
Trailers											
Vector 1350	<div></div>										
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Vector HE 19 E	<div></div>										
Multi-temperature											
Vector 1950 MT	<div></div>										
Vector HE 19 MT	<div></div>										

Vector eCool

Vector HE 19

Vector 1950

Vector 1550

Vector S 15

NEW

Vector eCool

The Vector eCool is the first fully autonomous, all-electric engineless refrigerated trailer system. The eCool™ system is a sustainable solution that ticks all of the boxes of electrification and decarbonisation.



Vector HE 19

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.



Vector 1950

Designed for deliveries requiring precise temperature control of sensitive goods, Vector 1950 also serves intense distribution assignments requiring multi temperature and/or multiple door openings.



Vector 1550

This Vector offers high versatility and optimised cost of ownership for long haul deliveries and distribution assignments requiring frequent door openings.

**NEW**

Vector S 15

The Vector S 15 unit is a smart, simple and tailored solution for trailers, suitable for long journeys as well as for regional deliveries. Its semi-electric architecture will allow you to simplify your maintenance while traveling anywhere with its stage V compliant engine.



Vector eCool

Vector HE 19

Vector 1950

Vector 1550

Vector S 15

VECTOR eCool™

The combination of three advanced technologies

Carrier Transicold reaffirms its commitment to reducing emissions, improving sustainability and increasing efficiency across the refrigerated transport sector with the launch of the first fully autonomous, all-electric engineless refrigerated trailer system, the Vector® eCool™ system.

This new technology represents a giant step forward for trailer refrigeration. The eCool™ system is a sustainable solution that ticks all of the boxes of electrification and decarbonisation that produces no direct engine polluting emission.

Vector series



Battery pack



Axle generator



Low and ultra-low Emission zone (lez & ulez)

No direct engine polluting emission.



Electrical and Autonomous solution

Suited for any application. Move to a full electrical solution without any autonomy problems. Compatible with your entire tractor fleet.



Efficiency

Get full benefits from your e-drive technology. E-drive technology allows for maximum cooling capacity and reduced maintenance.



Low noise emission

Piek compliant -60db(a).

Up to
6 H
autonomy

Depending on customer application, the battery can power the refrigeration unit for up to six hours on a single charge*

*On 19.2KWh battery pack only, without the energy provided by the axle generator, after pre-cooling the trailer box on the grid.

2 H
battery
recharge

Battery recharge on grid*:

- 80% battery recharge = 1h10

- Full battery recharge = 2h

*On 19.2KWh battery pack.

FIND OUT MORE ►



Vector eCool

Vector HE 19

Vector 1950

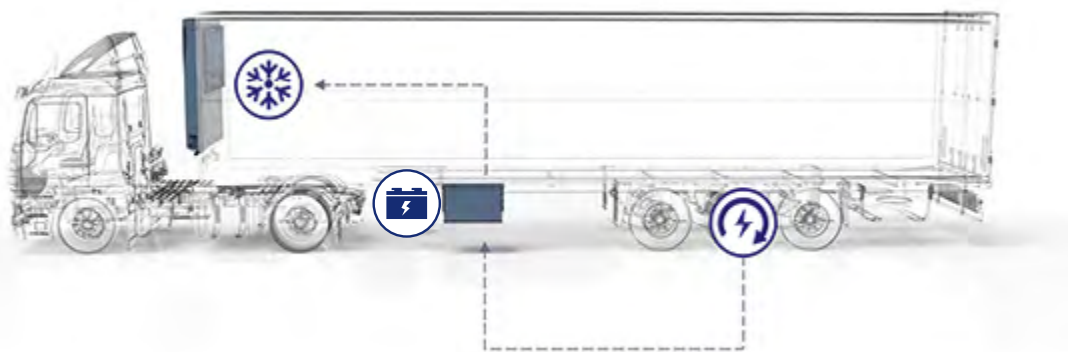
Vector 1550

Vector S 15

VECTOR eCool™

Energy optimization

RUNNING MODES



ON THE ROAD

Run Vector on the road and use energy from the trailer axle. When the reefer unit is off, energy from axle will recharge battery pack or switch off.



ON THE GRID

Run Vector in standby during warehouse location. When Vector is off, battery will switch to charge mode, if necessary.



ONLY ON BATTERY

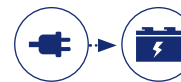
Get a fully autonomous, electrical refrigerated unit in using battery capacity.



TO RECHARGE

To recharge when trailer is parked

Recharge the battery pack when trailer is off. Objective: maximize TCO and efficiency.



To recharge when trailer runs

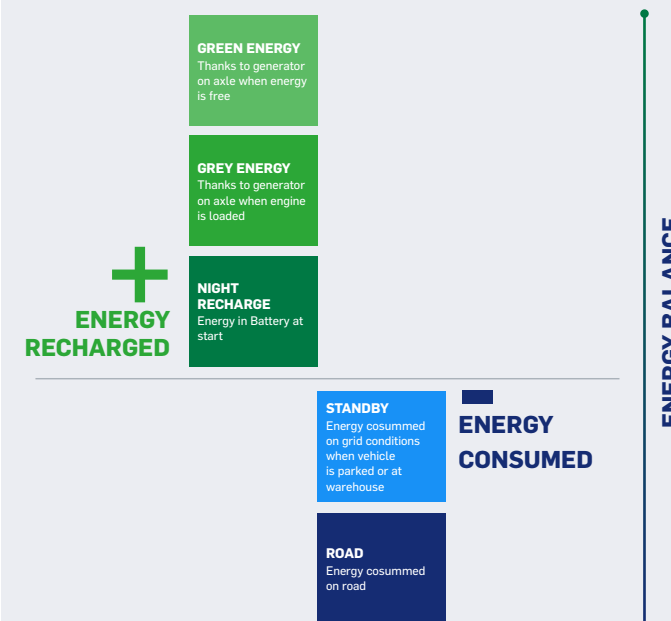
The generator mounted on the trailer axle recharges battery pack when semi-trailer runs above 20 KPH.



CREATE & MANAGE POWER

The Vector eCool is more than a simple solution designed to store electricity in a battery pack. This system is a comprehensive energy management system that monitors the energy input and output of the battery pack to provide the best balance between autonomy, cold chain and return on investment.

The battery pack is consequently able to recharge itself automatically according to its environment and to the customer's applications.



VECTOR eCool™

After years of research and development, including extensive real-world testing with prototypes operating in customer fleets, Carrier Transicold launched the future of refrigerated trailer technology : the Vector eCool system.

When the refrigeration unit is operating on battery power, Carrier Transicold's energy management system will automatically switch on when the charge reaches a certain level and conditions, initiating the generator to recharge the battery to ensure full refrigeration capacity.

The eCool system can also be plugged into the electrical grid when the trailer is parked and will fully charge in under two hours. On the road, the battery pack is recharged using power generated by the axles and the kinetic energy created under braking or deceleration phase or downhill.



A SUSTAINABLE AND LOW NOISE SOLUTION

Utilising a new energy recovery and storage system, the Vector eCool converts kinetic energy generated by the trailer axle and brakes into electricity, that is then stored in a battery pack powering the refrigeration unit. This loop creates a fully autonomous system that produces no direct carbon dioxide or particulate emissions.

The Vector eCool is also PIEK-compliant, meaning when used with City versions of the Vector® HE 19, the operating noise of the system is below 60 dB(A). Combined with its emissions performance, the Vector eCool provides the ultimate solution to tightening inner-city and urban regulations.



Low and ultra-low Emission zone

No direct engine polluting
emission.



Electrical and Autonomous

Move to a full electrical
solution without any
autonomy issues.



Efficiency

E-drive technology allows
for maximum cooling
capacity and reduced
maintenance.



Low noise emission

Piek compliant -60dB(A).



FIND OUT MORE ►



Vector eCool

Vector HE 19

Vector 1950

Vector 1550

Vector S 15

VECTOR HE 19

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).

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)*

*Compared to Vector 1950

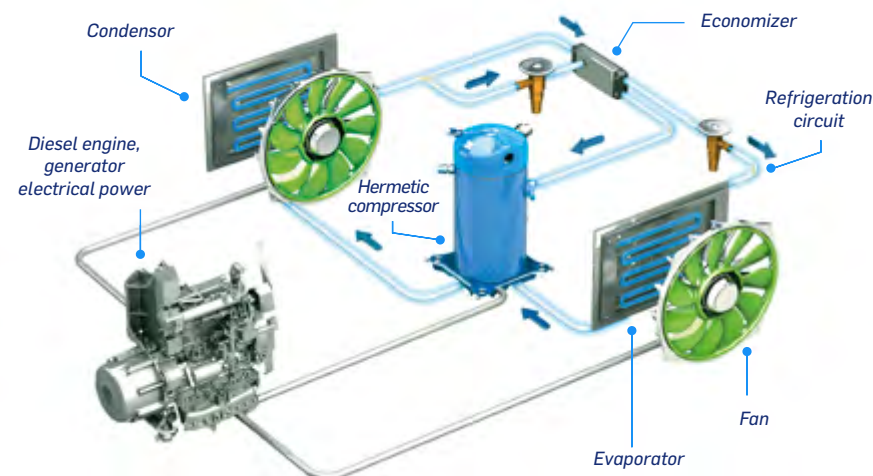


Flexible power

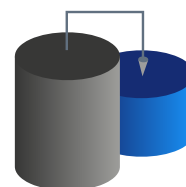


Stage V* standards for diesel engines

*EU Non Road Mobile Machinery (NRMM) Regulation EU/2016/1628



CONTRIBUTING TO YOUR BOTTOM LINE

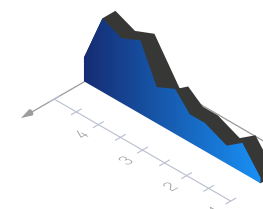


FUEL SAVING

30%

Up to 1 liter/hour*

*Following ATP test on partial load CEN 16440-1. Compared to Vector 1950.



SAVINGS/YEAR

5.4T_{CO₂EQ}

20,520 km/year**

**Myclimate:
1T CO₂eq = 3,800 km.
Compared to Vector 1950.



Vector eCool

Vector HE 19

Vector 1950

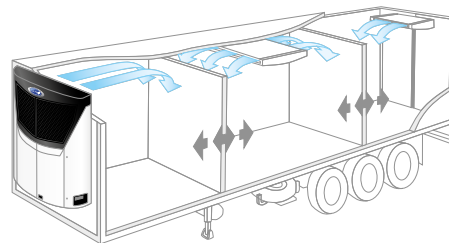
Vector 1550

Vector S 15

MULTIPLE CONFIGURATIONS TO FIT ALL YOUR NEEDS

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.



APX
Control System

Electronic expansion valve:
No need for superheat
adjustment



MHS 700



MHS 1100



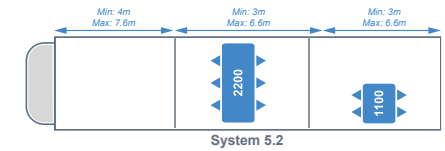
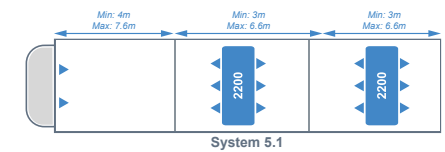
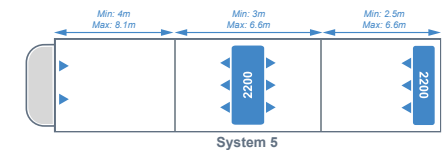
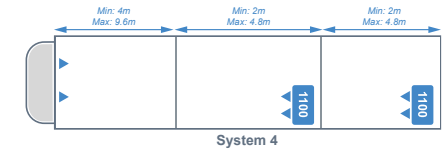
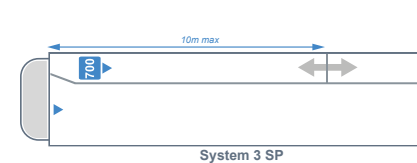
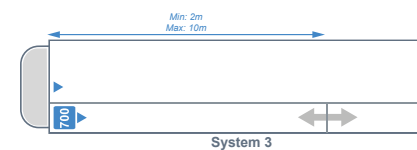
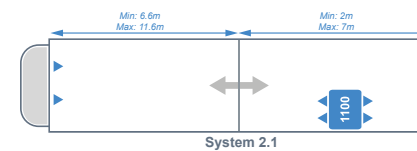
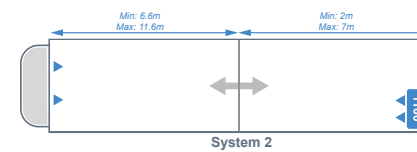
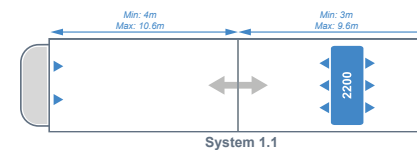
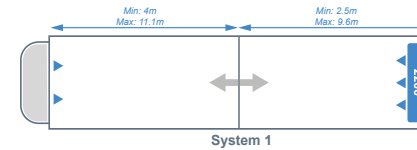
MHD 1100



MHS 2200



MHD 2200



FIND OUT MORE ►





Power & control for multi-temperature, multi-deliveries

Vector 1950 combines a high refrigeration capacity with a flexible compartment configuration. It is perfect for transporting sensitive goods, for intensive distribution, multiple door openings and/or multi-temperature control. It has a capacity of 18 875 Watts.



High performance cooling

The powerful Vector 1950 unit helps to protect your cargo with unparalleled pull down time, precise temperature control and homogeneous air distribution thanks to its 5 700 m³/h airflow.



TECHNOLOGY

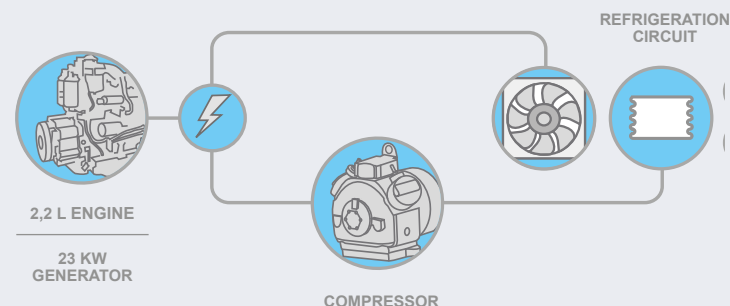
E-Drive™ technology removes mechanical transmissions found in belt-driven technology by transforming engine power into electricity.

BENEFITS

E-Drive™ technology delivers superior cold chain performance while reducing CO₂ footprint and total cost of ownership.

TECHNOLOGY

The Vector 1950 unit is equipped with patented E-Drive™ technology. Electric constant heating and a unique concept of simultaneous cooling and heating ensure maximum performance across multiple compartments.



FIND OUT MORE ►



Vector eCool

Vector HE 19

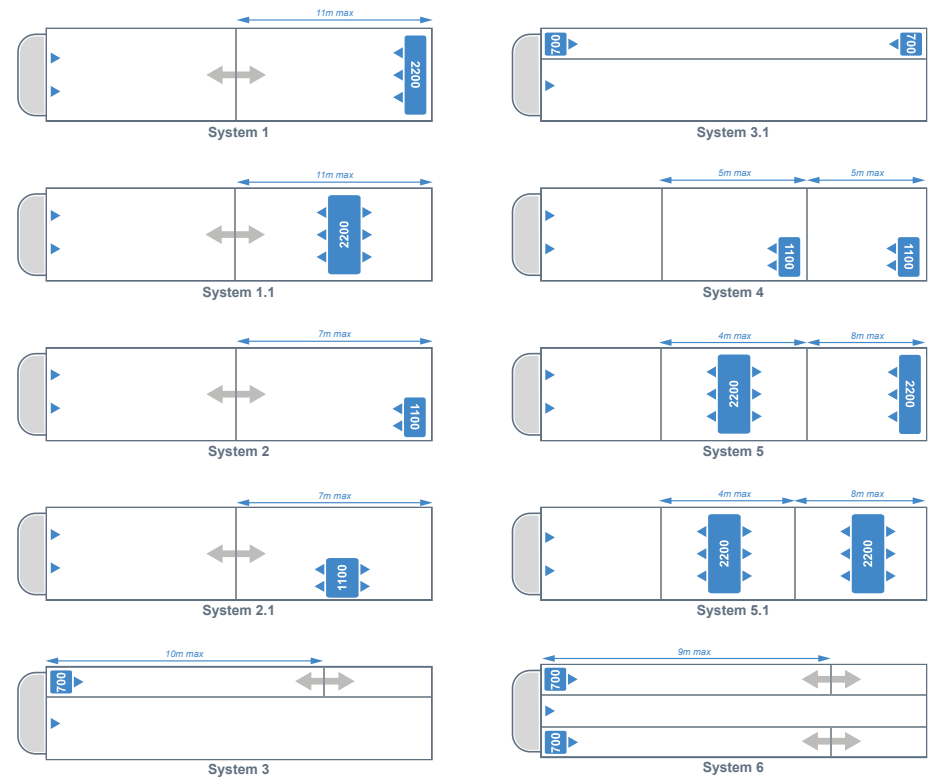
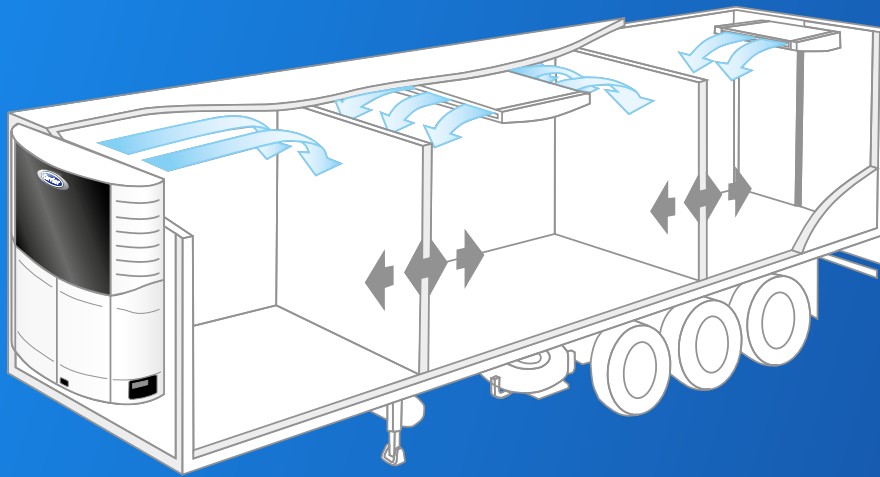
Vector 1950

Vector 1550

Vector S 15

Multi zone control

Freedom to customize your trailer.



Vector eCool

Vector HE 19

Vector 1950

Vector 1550

Vector S 15



Versatile, Green and Cost-effective

Vector 1550 combines patented E-Drive™ technology with an economizer – a performant, efficient and sustainable technology.

Ready to handle a wide range of logistical challenges, it presents a low-cost of ownership, a balanced capacity of 15 300 Watts, and dramatically reduces your environmental footprint.

AVAILABLE IN



Sustainable technology

With fewer joints and moving parts, all electric E-Drive™ technology combined with a hermetic compressor helps to reduce refrigerant leaks by 19%, when compared to belt-driven technology.

Maximum uptime

Patented E-Drive™ technology removes 17 serviceable parts for enhanced reliability, increasing uptime to 99,4%.



TECHNOLOGY

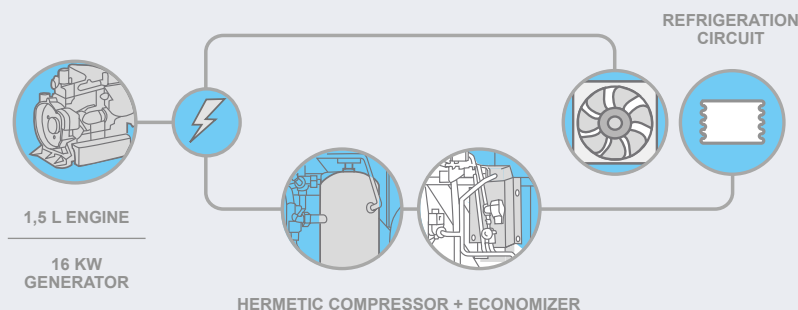
E-Drive™ technology removes mechanical transmissions found in belt-driven technology by transforming engine power into electricity.

BENEFITS

E-Drive™ technology delivers superior cold chain performance while reducing CO₂ footprint and total cost of ownership.

TECHNOLOGY

The Vector 1550 unit is equipped with E-Drive™ technology. Benefiting from the economizer capacity boost, the hermetic compressor has been downsized enabling a reduction in engine size.



FIND OUT MORE ►



VECTOR S15

Vector® S 15, the smart choice

The Vector S 15 unit is a smart, simple and tailored solution for trailers, suitable for long journeys as well as for regional deliveries. Its semi-electric architecture will allow you to simplify your maintenance while traveling anywhere with its stage V compliant engine.



High cooling capacity



Low fuel burn



Stage V* standards
for diesel engines

*EU Non Road Mobile
Machinery (NRMM)
Regulation EU/2016/1628



Fast temperature
pulldown



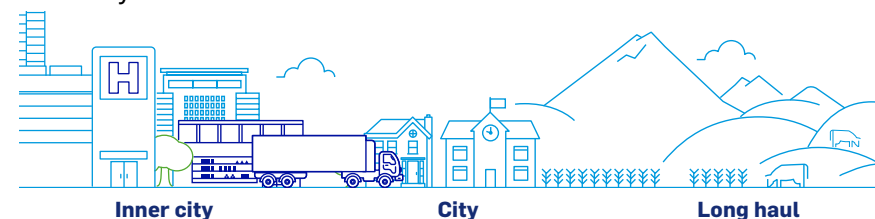
Simple to use
and maintain



Lightest weight
in the segment

FROM INNER CITY TO CITY TO LONG HAUL

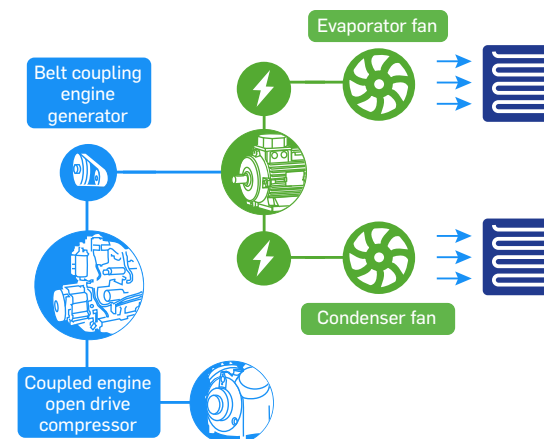
The Vector S 15 is suitable for many applications, whether you are operating in cities or on long hauls. This unit will allow you to comply with standard emission regulations and is also ideal for long distance deliveries. It is a simple, powerful and operationally cost-sensitive solution.



SEMI-ELECTRICAL ARCHITECTURE

The Vector S 15 semi-1 electric solution supports Carrier's aim to reduce its customers' carbon footprint by one gigaton, part of its 2030 Environmental, Social and Governance (ESG) Goals.

The new Vector S 15 unit offers 15 000 watts of cooling capacity and a multi-speed diesel engine, which is designed to reduce fuel consumption. In addition, the open architecture of the Vector S15 makes maintenance more convenient given the ease of part access that helps keep workshop downtime to a minimum.



FIND OUT MORE ►



Supra range

Supra Undermount

Supra CNG

Supra HE

Oasis

Syberia

Iceland

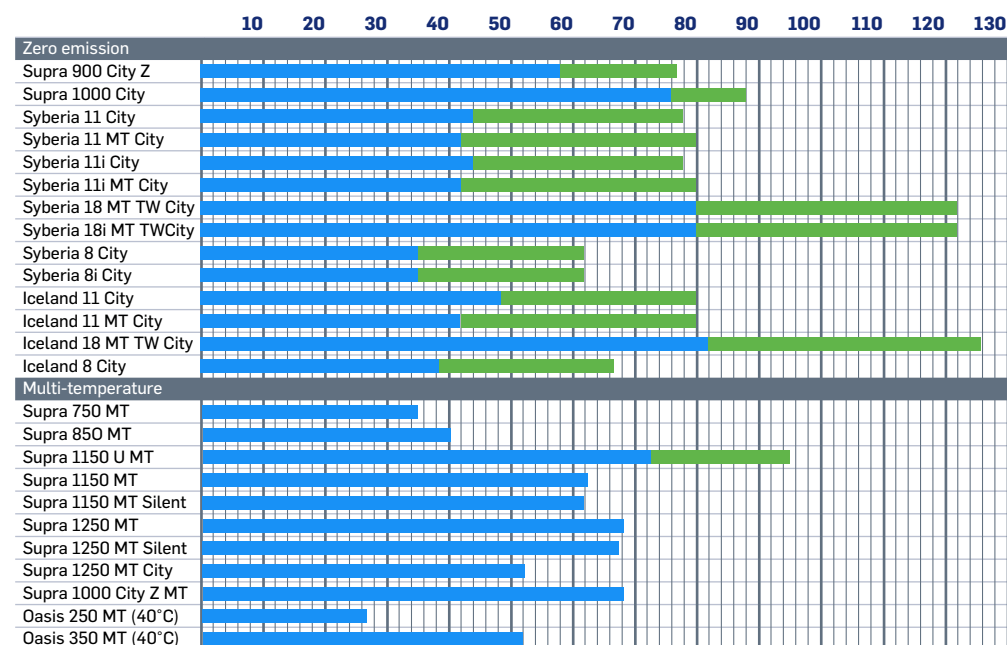
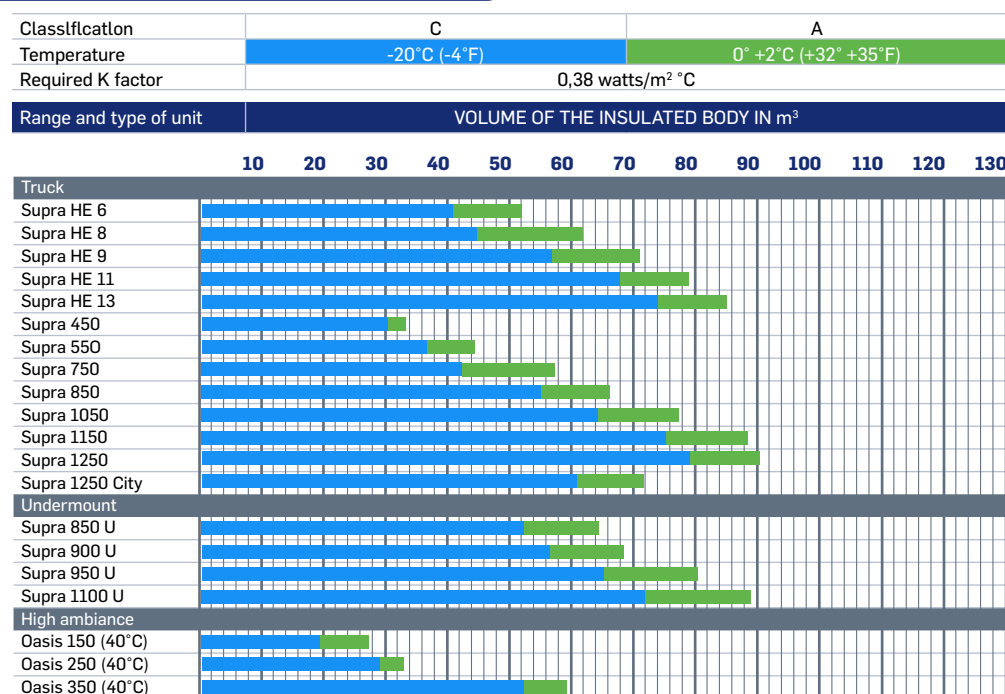
REFRIGERATION UNITS FOR TRUCKS

Solutions for all your
distribution needs

Developed for distribution environments with multiple door openings. You can rely on the high performance of the Supra, Syberia and Iceland units to meet the challenges of your operation.



Line up for truck to 30°C



Supra range

Supra Undermount

Supra CNG

Supra HE

Oasis

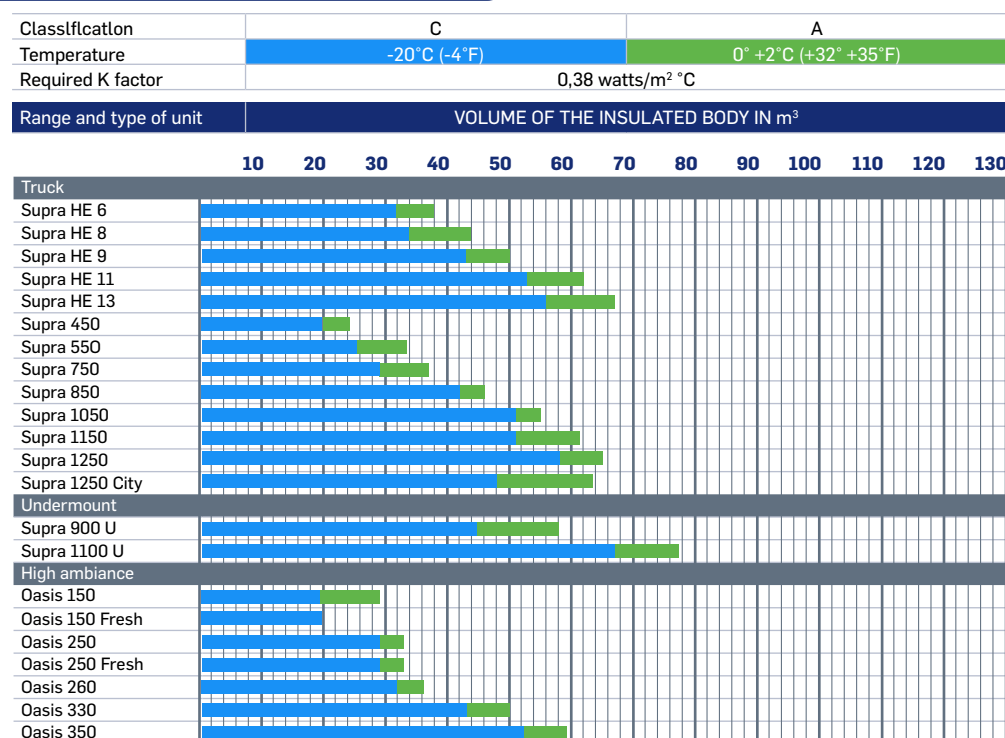
Syberia

Iceland

REFRIGERATION UNITS FOR TRUCKS



Line up for truck to 40°C



Supra range

Supra Undermount

Supra CNG

Supra HE

Oasis

Syberia

Iceland

Supra range

Developed for distribution environments with multiple doors openings. You can rely on the high performance of the Supra® range to meet the needs of your challenging operation.



Supra Undermount

The undermounted high performance for refrigerated truck



Supra CNG

The Supra® CNG unit is a sustainable and efficient solution to support the activities of our customers in urban distribution.



NEW Supra HE

The Supra HE Series has been designed by merging mechanical and electrical subsystems, in order to offer efficiency improvement and product compactness.



Oasis

The high capacity truck refrigeration range OASIS has been designed to meet the challenges raised by high ambient temperatures exceeding +50°C.



Syberia

Go for low noise, low costs of operation and low weight for distribution in trucks.



Iceland

A combination of power and efficiency integrated into a chassis, a body of 100% anti-corrosion stainless steel and aluminum.



Supra range

Supra Undermount

Supra CNG

Supra HE

Oasis

Syberia

Iceland



Supra® range performance for refrigerated trucks

Developed for distribution environments with multiple doors openings. You can rely on the high performance of the Supra® range to meet the needs of your challenging operation.



**Stage V* standards
for diesel engines**

*EU Non Road Mobile Machinery
(NRMM) Regulation EU/2016/1628



KEY BENEFITS



**Constant
evaporator
airflow**



Robust design



High reliability



**Extreme
low-noise
capabilities**



**High cooling
performance**

SUPERIOR PERFORMANCE

The Supra® range achieves superior pulldown and accurate temperature control at all set points. This performance is supported by a large range of evaporators with electric fans providing constant airflow independent of engine speed. Available in multi-temperature throughout the range, Supra® offers enhanced load protection for all truck applications.

HIGH CAPACITY

Extended with three high capacity models, the Supra® range is available up to 12 000 Watts. New fans increase airflow by 15% for quick temperature recovery and improved air management. The use of a 7 mm condenser and smaller compressor improve the unit's efficiency thanks to lower fuel consumption per Watt delivered.

INTEGRATING IN YOUR WORKING ENVIRONMENT

Tell us your needs, choose your unit: 7 standard units for volumes from 30 to 90m³, multi-temperature available throughout the range, nosedmount, undermount, silent and extreme climates versions*.

The Supra® range offers extreme flexibility to ensure you have the right unit for your operation. The silent version (X Model) drastically reduces noise levels to blend into your distribution area.

ROBUST DESIGN

Building on hundreds of thousands of operating hours, the Supra® range demonstrates a robust design both for aesthetics (strong composite material) and components (easy start) to extend unit lifetime and reduce downtime. Maintenance time is also optimised thanks to easy accessibility.

* For extreme climates versions, please consult the Supra Nordic and Oasis brochures.

FIND OUT MORE ►



Supra range

Supra Undermount

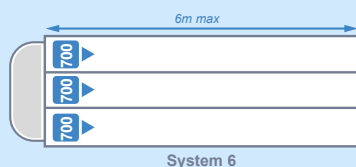
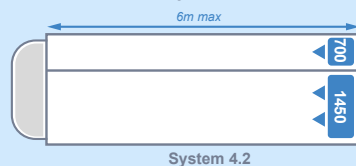
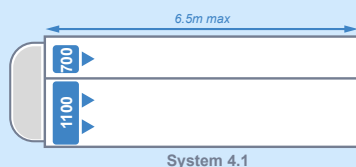
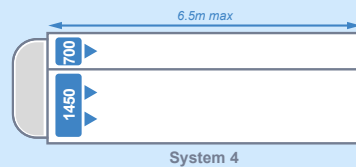
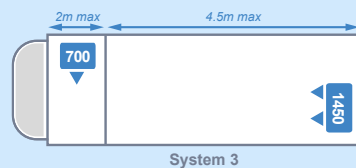
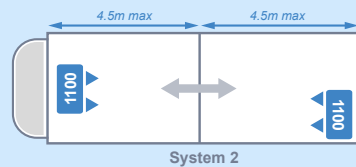
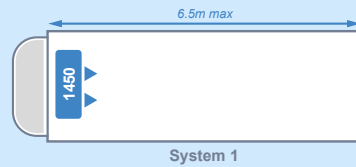
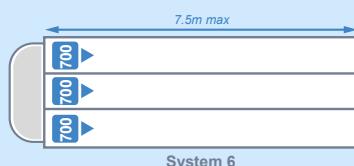
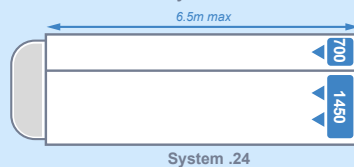
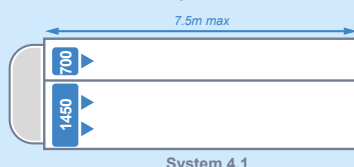
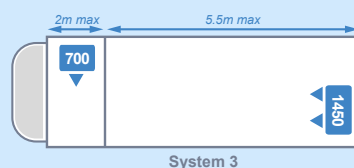
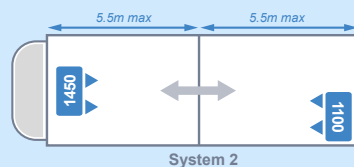
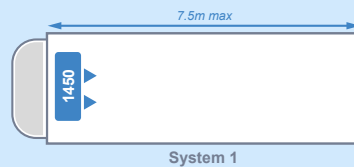
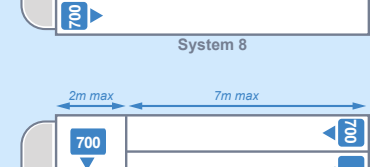
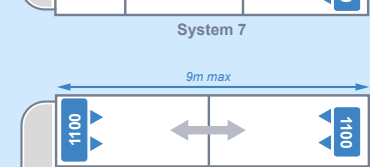
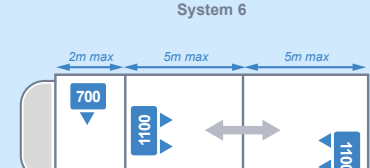
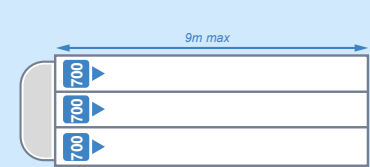
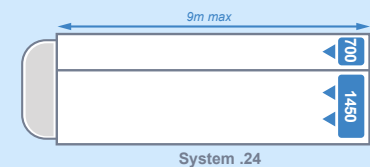
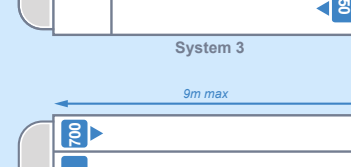
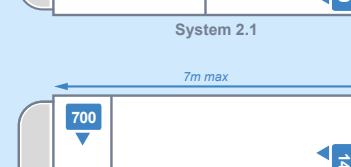
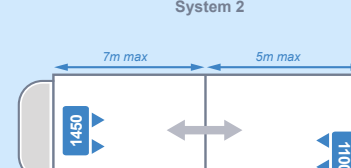
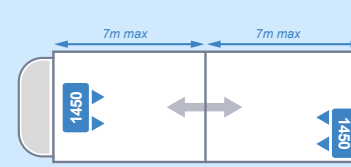
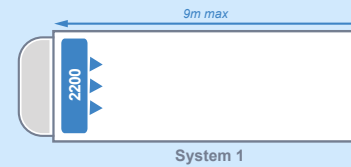
Supra CNG

Supra HE

Oasis

Syberia

Iceland

**EXAMPLE OF CONFIGURATIONS
SUPRA 750 MT****EXAMPLE OF CONFIGURATIONS
SUPRA 850 MT****EXAMPLE OF CONFIGURATIONS SUPRA 1150 MT / 1150 U MT / 1250 MT**

Supra range

Supra Undermount

Supra CNG

Supra HE

Oasis

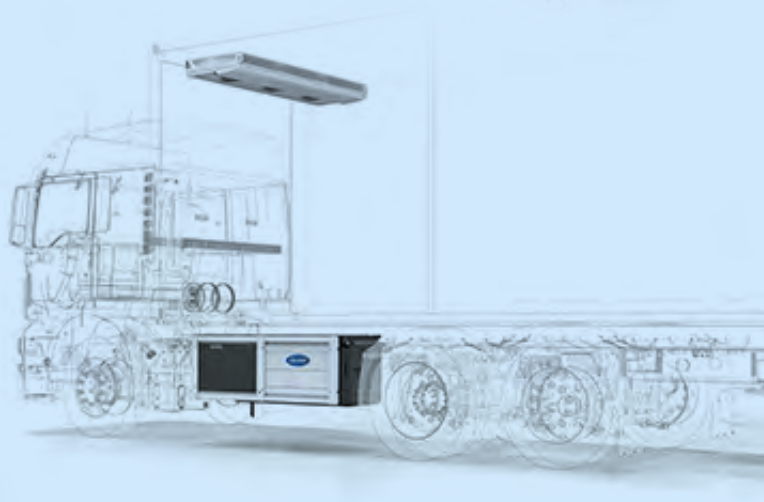
Syberia

Iceland



The undermounted high performance for refrigerated truck

Developed for distribution environments with multiple doors openings. You can rely on the high performance of the Supra® U range to meet the needs of your challenging operation.



Stage V* standards for diesel engines

*EU Non Road Mobile Machinery (NRMM) Regulation EU/2016/1628

SUPERIOR PERFORMANCE*

The Supra® U range achieves superior pulldown and accurate temperature control at all set points. This performance is supported by several models of evaporators with electric fans providing constant airflow independent of engine speed. Available in multi-temperature, Supra® U offers enhanced load protection for all truck applications.

HIGH CAPACITY*

Extended with three high capacity models, the Supra® U range is available up to 10 700 Watts. New fans increase airflow by 15% for quick temperature recovery and improved air management. This new evaporator generation (single temperature version) improve the unit's efficiency up to 21% thanks to the biggest evaporator coil.

INTEGRATED IN YOUR WORKING ENVIRONMENT

Tell us your needs, choose your unit for volumes from 30 to 90m³, multi-temperature available throughout the range.

The Supra® U range offers extreme flexibility to ensure you have the right unit for your operation.

ROBUST DESIGN

Building on hundreds of thousands of operating hours, the Supra® U range demonstrates a robust design both for aesthetics (strong composite material) and components (easy start) to extend unit lifetime and reduce downtime. Maintenance time is also optimised thanks to easy accessibility

*Compared to previous models Supra 850/950 U - ATP test protocols external laboratory Cémafroid

KEY BENEFITS



High capacity evaporator



Enhanced load protection



Robust design using a recyclable material



A complete range tailored to your needs



Easier installation and maintenance

FIND OUT MORE ►



Supra range

Supra Undermount

Supra CNG

Supra HE

Oasis

Syberia

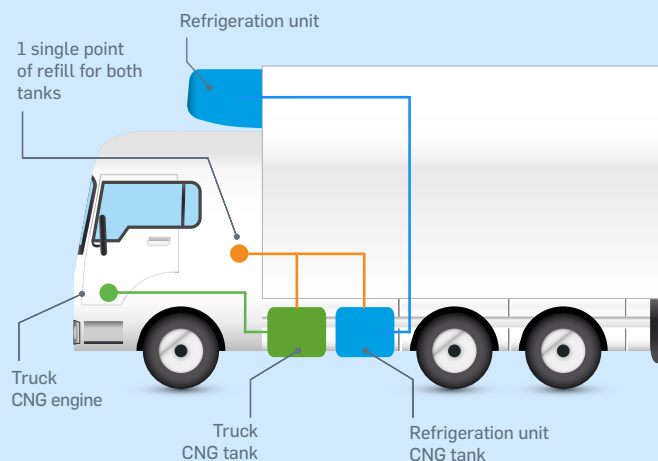
Iceland

SUPRA CNG

Compressed
Natural
Gas-Powered
Supra® unit for truck



When advanced
sustainable
technology is
combined with
ease of use.



Designed to use a single fuel source for both the engine on a CNG-powered truck and the refrigeration unit, the Supra® CNG unit requires just a single refill point for both, which can help increase operator productivity.

Fitted with an independent tank for the refrigeration unit, it has full autonomy, maintaining cold chain integrity even when the truck is idling or stopped.



OUR SUSTAINABLE SOLUTION FOR CITY DELIVERY
COMPRESSED NATURAL GAS ENGINE FOR TRUCK

KEY BENEFITS

Minimum environmental impact



Fuel = Natural gas
or biogas**



Piek certified

Ease of use



Same fuel for
truck & unit



1 single point
of refill

Performance of temperature control



Full
autonomy



100% respect
of cold chain



SINCE 2017

FIND OUT MORE ►



Supra range

Supra Undermount

Supra CNG

Supra HE

Oasis

Syberia

Iceland

SUPRA HE

Supra® HE Series, the smart choice for efficient refrigeration

The Supra HE Series has been designed by merging mechanical and electric subsystems, in order to offer efficiency improvement and product compactness for a truly versatile solution. Quieter, lighter and smaller, this unit has been tested in extreme ambient temperatures in order to provide the best uptime and reliability, resulting in a quick return on investment.



* Carrier metrics based on official external lab measurements

EFFICIENCY FOR LESS ENVIRONMENTAL IMPACT

With the Supra HE Series, a focus has been made on overall system efficiency in order to significantly reduce energy and refrigerant consumption and ultimately reduce polluting emissions.

A compact & light solution

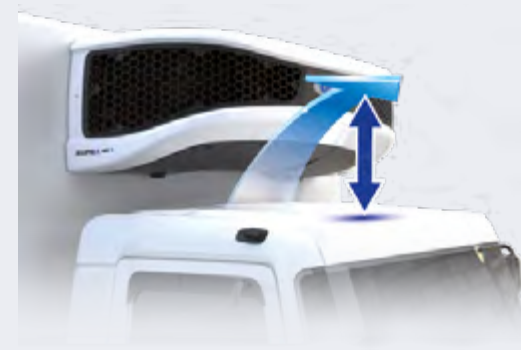
DESIGNED FOR COMPACTNESS



-14,8 cm

Shape of Supra HE 9/11/13 vs. Supra 1050/1150/1250

With one size for all models, this range maximizes compatibility with box configurations available on the market. Its compactness significantly improves space for cabin tilt and space in the internal box.



LIGHT IS RIGHT



-157 kg

Supra HE 9 vs. Supra 1050 in standard version

The unit has been fully redesigned in a way to limit components number, size and complexity. Thanks to the reduction of the components' number and the new frame of the unit, weight has been considerably decreased. The weight savings allows for several benefits including a reduction of fuel consumption, but also more admissible load on front axle which means more flexibility for vehicle type approval, as well as an increased Payload for goods.

BEST IN CLASS ENERGY CONSUMPTION & EFFICIENCY



-41,7 %

Fuel consumption

Consumption of Supra HE 6 vs. Supra 750.*



-40,4 %

Electrical consumption

Thanks to its architecture and technology, the Supra HE range is up to **40% more economical** in both fuel and electrical consumption than the legacy Supra range.

*Carrier math's based on official external lab measurements (Temporary results) the Supra HE range is up to 40% more economical in both fuel and electrical consumption than the legacy Supra range.

FIND OUT MORE ►



Supra range

Supra Undermount

Supra CNG

Supra HE

Oasis

Syberia

Iceland



Tough outside, cool inside.

High capacity truck refrigeration range Oasis has been designed to meet the challenges raised by high ambient temperatures up to +50°C.



HIGH REFRIGERATION CAPACITY

In high ambient climates, sustaining the cold chain is more important than anywhere else. The Oasis range featuring R404A and R134A refrigerants delivers unmatched capacity and constant airflow, especially thanks to its electrical fans. Truck operators can depend on reliable protection of perishables.

HIGH AMBIENT DESIGNED

Durability: combining aerodynamic styling and reliability, the OASIS range has been designed with rugged and durable material to resist harsh conditions. All components have gone through UV and chemicals resistance tests to operate in extreme climates.

Easy start: the new alternator design enables the engine to reach its nominal speed with fewer loads by delaying the power output. This feature helps to extend the lifecycle of key internal components such as the engine, clutch and belts.

AVAILABLE IN MULTI-TEMPERATURE

The Oasis range offers flexibility for multi-product deliveries with 7 standard configurations available thanks to the ultra-slim evaporator range.

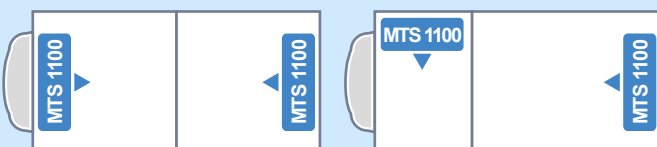
FRIENDLY OPERATION

Accessibility and safety are enhanced on the Oasis range: handling bars, lateral door screw locking system and main shutoff switch. Service inspections and routine maintenance are operated quicker and safer.



The Oasis range benefits from the EasyCOLD microprocessor.

EXAMPLE OF CONFIGURATIONS OASIS 250 MT



EXAMPLE OF CONFIGURATIONS OASIS 350 MT



FIND OUT MORE ►



Supra range

Supra Undermount

Supra CNG

Supra HE

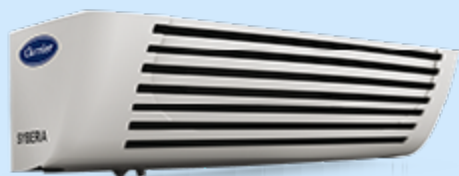
Oasis

Syberia

Iceland

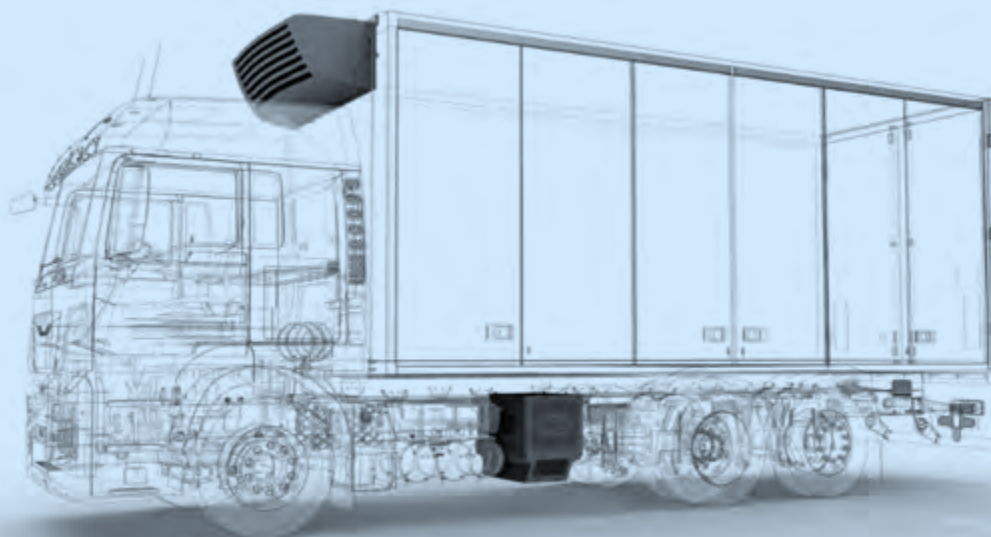
SYBERIA

The nosemount solution



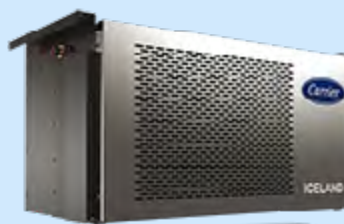
Syberia 8 & 11

Light and compact. More than 10 kW available, with a choice of a single-flow evaporator or a dual-flow evaporator, both extra flat. Note that the Syberia line can also integrate the ECO-DRIVE function to maximize system compactness even more.



ICELAND

The undermount solution



Iceland 8 & 11

Up to 10,300 W at 0°C in an under-chassis refrigeration group 1 m long. A combination of power and efficiency integrated into a chassis, a body of 100% anti-corrosion stainless steel and aluminum.

KEY BENEFITS



High reliability:

Constant & powerful solutions



Piek compliant

Less than 60 dB



Efficiency

Cost effectiveness



Emissions reduction

less (PM, NOx, CO2)



Edrive Scroll economized

100% respect of cold chain & no leak



Compactness & weight

Easy to integrate in the truck architecture



- Constant Airflow
- High capacity in Standby
- Driver & neighbor comfort (Piek every time with max capacity)
- Free of belt
- Less maintenance
- Fully hermetic, very low refrigerant leakage
- Compatible with Ethanol, CNG, LNG, Biodiesel,...
- Driven by Euro 6
- Less smoke and odor
- Less access restriction to the city center

FIND OUT MORE ►



Xarios

Pulsor

Neos range

Neos HE

Vatna

Citimax

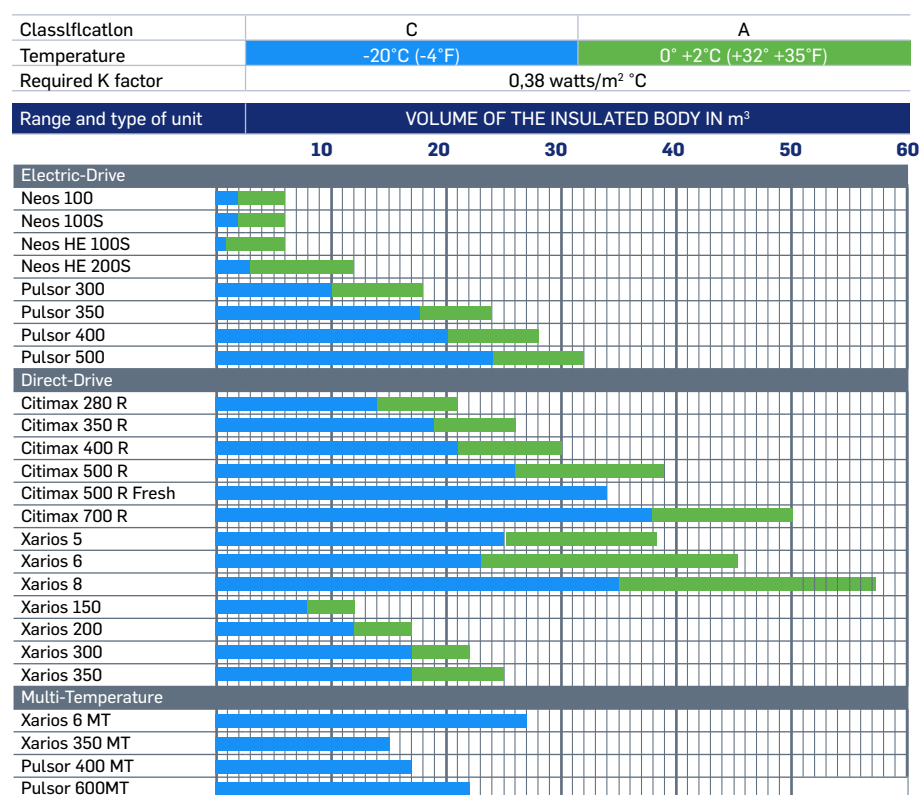
REFRIGERATION UNITS FOR LIGHT COMMERCIAL VEHICLES

Ease of use
and flexibility

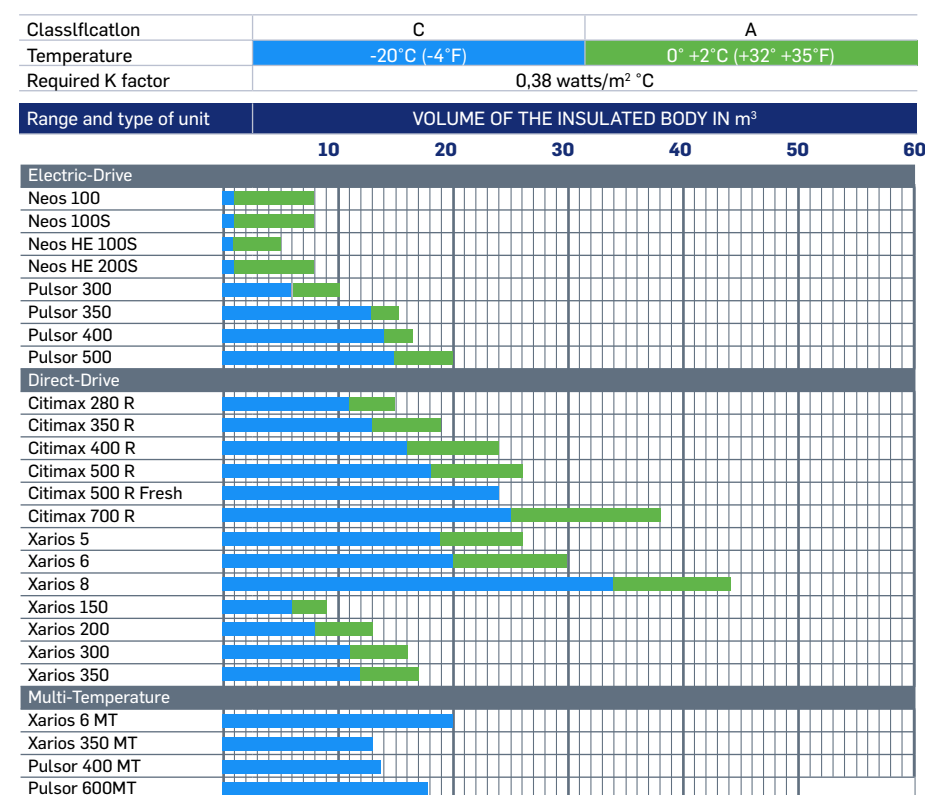
Carrier Transicold's direct drive refrigeration units are specifically designed for the transportation of fresh or frozen goods in small-to-medium sized delivery vehicles.



Line up for LCV to 30°C



Line up for LCV to 40°C



Box volumes are indicative, given as the maximum recommended volumes for a road operation at 2400 rpm (except Pulsor & Neos that maintain a constant cold) and precooled goods, given a K value of 0.38 W/m²K and a maximum 3 short door openings per hour for fresh applications and 1 short door opening per hour for frozen. For more intensive applications or complex types of transported goods, it is advised to base your choice on the next level of unit capacity at least. Please contact your local Carrier representative to confirm the compatibility.

Xarios

Pulsor

Neos range

Neos HE

Vatna

Citimax

Xarios

The Xarios range combines cutting-edge, aesthetic design and technological innovation to offer maximum, efficient refrigeration for light commercial vehicles & medium duty trucks.



Pulsor

Pulsor is the ideal fit for customers operating in city centers with multiple door-openings, sensitive products and multi-temperature deliveries.



Neos range

Alternator driven, the Neos refrigeration range combines constant cooling and heating for vehicles up to 6 m³ with flexible installation.



NEW Neos HE

the Neos refrigeration range is expanding and adapting to today's challenges of city delivery with the Neos HE - High Efficiency, offering electric-powered solutions for vehicles up to 12 m³.



Vatna

The VATNA range is an eutectic refrigeration system dedicated to the distribution of frozen food and ice cream for volumes from 5 to 23 m³.



Citimax

Citimax range allows you to deliver fresh and frozen products safely and with confidence thanks to the cooling power, the high refrigeration capacity (up to 58 m³) and easy fitting for any box size.



XARIOS

Xarios 8: a new model in the range up to 50m³

The Xarios 8 is the newest and most powerful Carrier Transicold unit ever made in the range, which combines cutting-edge, aesthetic design and technological innovation to offer maximum, efficient refrigeration for light commercial vehicles & medium duty trucks up to 50m³.

+55%⁽¹⁾
cooling capacity

+25%⁽¹⁾
air inlet

-40%⁽²⁾
Global Warming
Potential (GWP)
on refrigerant



XARIOS 8

-  A new design for enhanced robustness
-  Optimized payload
-  Renewed technologies
-  Low operation costs. No engine, high reliability unit

XARIOS 5 & 6

Building on the innovation and technological advancement of the new Xarios 8, Carrier Transicold presents Xarios 5 & 6, formerly Xarios 500 & 600. Both versatile and high capacity, these units are available in single or multiple temperature versions to accommodate your specific needs.



NEW EVAPORATORS FOR HIGH PERFORMANCES



XARIOS 5
MXL 1100



XARIOS 6
MXL 1550



XARIOS 8
MXL 1550+



MODULAR RANGE MODELS FROM 8 TO 20 M³

For vans and medium-sized refrigerated vehicles

COLD CHAIN RESPECT

Featuring R452A refrigerant, Xarios® offers a large range of capacities covering temperatures from -20°C to +30°C. Supported by an extensive lineup of ultra-slim evaporators, including the MXV 850 vertical evaporator, multi-temperature configurations are widely available for multi-product deliveries.

OPTIMISED COST OF USE

Balancing performance and cost of operation, the Xarios® range offers simple and rapid installation, light weight evaporators to optimise load space and enhanced accessibility for reduced maintenance time.



FIND OUT MORE ►



Xarios

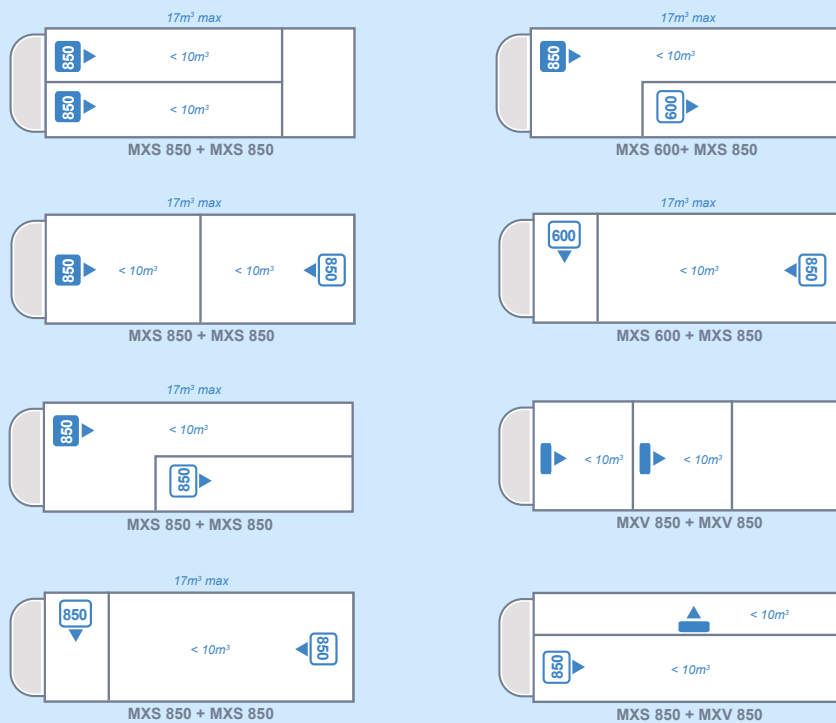
Pulsor

Neos range

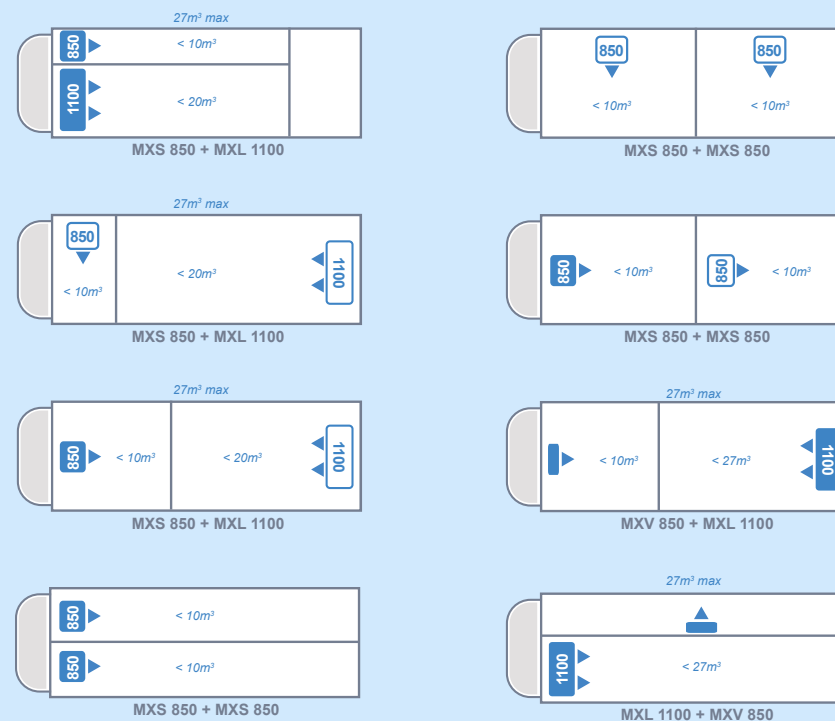
Neos HE

Vatna

Citimax

EXAMPLE OF CONFIGURATIONS XARIOS 350MT

Extension kit required

EXAMPLE OF CONFIGURATIONS XARIOS 6MT

Extension kit required



Intensive urban deliveries, demanding needs

Maintaining constant cold throughout your intense delivery schedule is an everyday challenge. When choosing a refrigeration unit, you need to be confident it will help you deliver goods to customers in a perfect state, everytime.



COLD CHAIN REVOLUTION

100% cooling capacity at low engine speed

Pulsor's unique technology gives you constant optimum capacity throughout your entire delivery cycle



LOW COST OF OWNERSHIP

20% reduction in fuel consumption during pull-down

Designed with the E-Drive technology, Pulsor achieves high levels of reliability thanks to fewer moving parts and fittings. Optimum fleet availability together with reduced maintenance and fuel consumption during pull-down phase maintain a low cost of ownership



ENSURING SUSTAINABILITY

75% improvement in containment

With a significant reduction in hoses and fittings, CO₂ emissions from refrigerant leaks have been reduced to protect the environment.

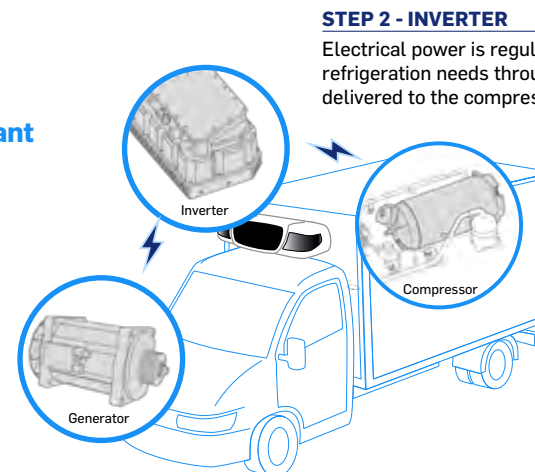
UNEQUALLED TECHNOLOGY



3 steps for constant capacity

STEP 1 - GENERATOR

The patented E-Drive™ technology transforms mechanical engine power into electricity through a generator.



STEP 2 - INVERTER

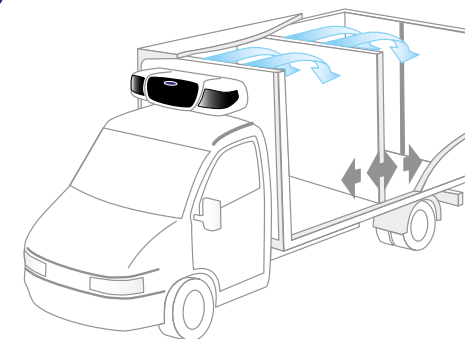
Electrical power is regulated to your specific refrigeration needs through an inverter and delivered to the compressor.

STEP 3 - COMPRESSOR

A variable speed hermetic compressor works at different speeds according to the inverter's output while delivering constant capacity at all refrigeration phases.

MULTI-TEMPERATURE FLEXIBILITY

With E-Drive electrical power, Pulsor offers improved heating capacity that is independent of refrigeration capacity. Quick defrost boosts efficiency. All types of configurations combining heating and refrigeration capacities are available. An extensive line-up of ultraslim evaporators including the MCV 850 vertical evaporator is available for multi-product deliveries. Contact your sales representative for more details.



FIND OUT MORE ►



Xarios

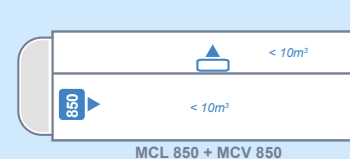
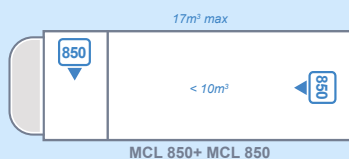
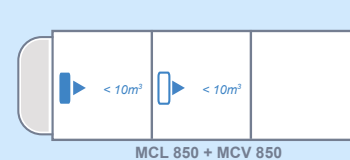
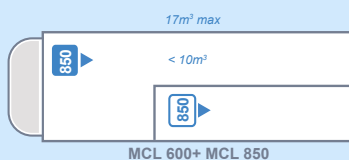
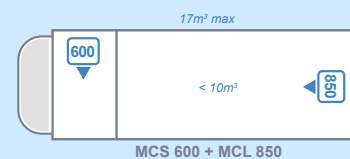
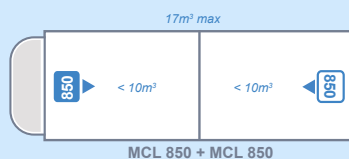
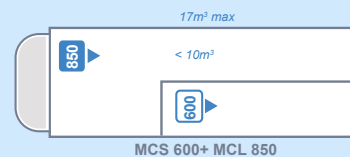
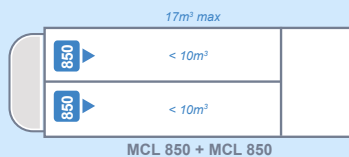
Pulsor

Neos range

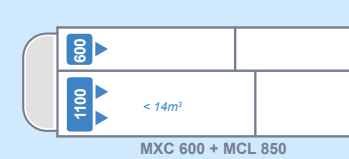
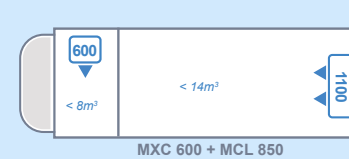
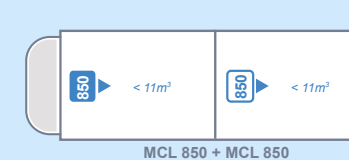
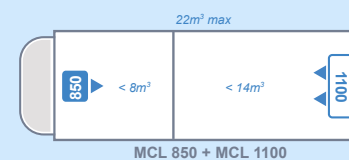
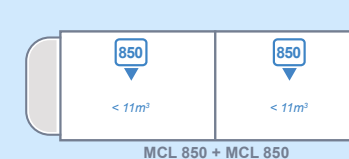
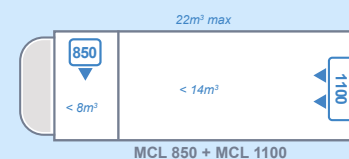
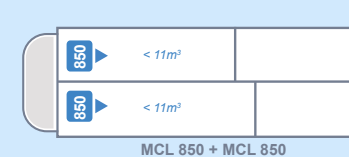
Neos HE

Vatna

Citimax

EXAMPLE OF CONFIGURATIONS PULSOR 400MT

Extension kit required

EXAMPLE OF CONFIGURATIONS PULSOR 600MT

Extension kit required



An alternator refrigeration unit for small delivery vehicles

Alternator driven, the Neos refrigeration range combines constant cooling and heating for vehicles up to 6 m³ with flexible installation. Available in 2 versions, Slim & Split, it is a versatile and reliable choice for customers wanting cargo protection, reliability and driver's comfort.

Neos 100 S, Split concept



Neos 100, Slim concept



KEY BENEFITS

Two installation concepts for two different needs



Split concept for extra space



Ensure cargo protection



Slim concept for efficiency



Ensure driver protection

DESIGNED FOR PRACTICALITY

With two installation concepts, Neos can be integrated into the vehicle or fitted externally to meet all type of vehicles insulation (integrated, nose mount, roof cut or roof top), depending on individual needs. It's fully compatible with vehicle air conditioning too so that both driver and cargo stay cool during transportation.

FIRST FOR SAFETY AND THE ENVIRONMENT

- **Driver Protection** : however Neos is fitted, the unit will not compromise vehicle safety features or reinforcements
- **Care for environment** : Neos uses a chlorine-free, zero ozone-depletion R134a refrigerant

EXTERNAL FOR EXTRA SPACE

The more conventional Split concept is fitted externally to the nose mount or roof. Suitable for all vehicle types, this option allows more loading space inside the vehicle. Its slim-line evaporator can be fitted into all compartments, even the smaller ones.

INTEGRATED FOR EFFICIENCY

The aesthetically designed Slim concept demonstrates the lowest profile on the market, enabling access to any car park. Integrated into the vehicle for improved aerodynamics and fuel-efficiency, this is a quieter solution for added driver comfort. It's also easy to maintain and service and is delivered pre-tested and pre-set at the factory.

PRESERVING THE COLD CHAIN

With 1160 Watts at 0°C, NEOS ensures excellent cargo protection.

FIRST FOR SAFETY AND THE ENVIRONMENT

- **Driver Protection** : however Neos is fitted, the unit will not compromise vehicle safety features or reinforcements
- **Care for environment** : Neos uses a chlorine-free, zero ozone-depletion R134a refrigerant
- **Efficient Solution** : Neos is powered from the alternator rather than a road compressor on the engine resulting in fewer hoses and fittings, less refrigerant and reduced risk of leaks

FIND OUT MORE ►



NEOS HE

Combining Flexibility and Electricity for City Delivery

In tune with its time, the Neos refrigeration range is expanding and adapting to today's challenges of city delivery with the Neos HE - High Efficiency, offering electric-powered solutions for vehicles up to 12 m³. With two installation concepts, Neos can be integrated into the vehicle or fitted externally and is a versatile and reliable choice for customers operating in cities looking for reliability, sustainability and driver comfort.

Constant cooling capacity:

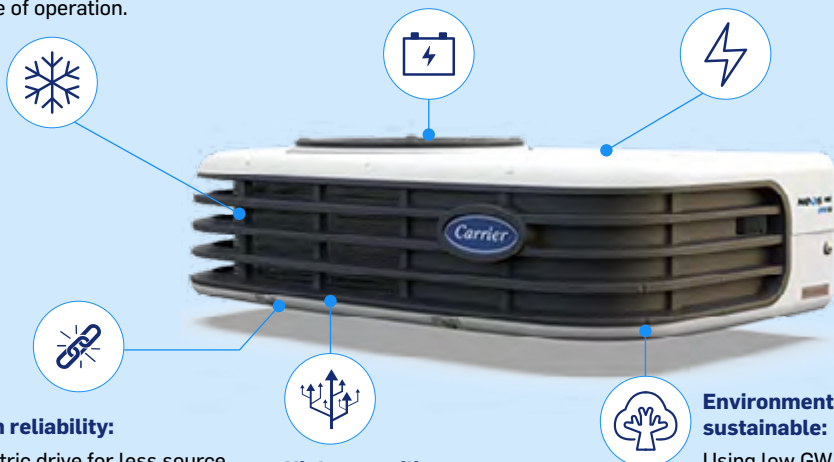
12V architecture allowing 100% of cooling capacity no matter the vehicle state of operation.

Fully electric unit:

Compatible with 12V battery packs.

Improved electrical consumption:

-24% consumption**.



High reliability:

Electric drive for less source of leaks***.

*** Compared to conventional LCV technologies

High versatility:

- Unit suitable with battery electrical vehicle (BEV)
- Plug-in hybrid electrical vehicle (PHEV)
- Internal combustion engines (ICE - Diesel, gas or petrol engines).

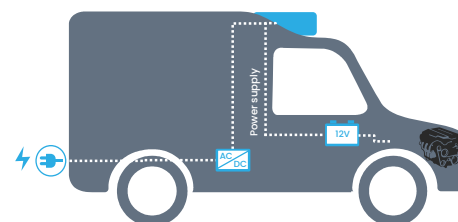
Environmentally sustainable:

Using low GWP refrigerants R134A & R452A

ELECTRIFICATION & AUTONOMY

ENERGY MANAGEMENT SYSTEM

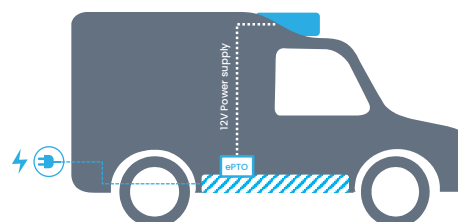
ICE VEHICLES



ICE VEHICLES :

- Road operation on truck 12V battery through vehicle alternator.
- Standby operation with Neos standby module option

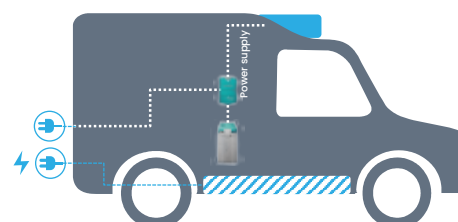
BEV OPTION 1



BEV OPTION 1 :

- Road operation on truck 12V ePTO through OEM DC/DC converter.
- Standby operation on truck 12V ePTO during truck power train recharge

BEV OPTION 2



BEV OPTION 2 :

- Road operation on Carrier approved Mastervolt battery pack
- Standby operation on battery pack while recharging

Confidence in last mile electric solutions

IMPACT ON AUTONOMY

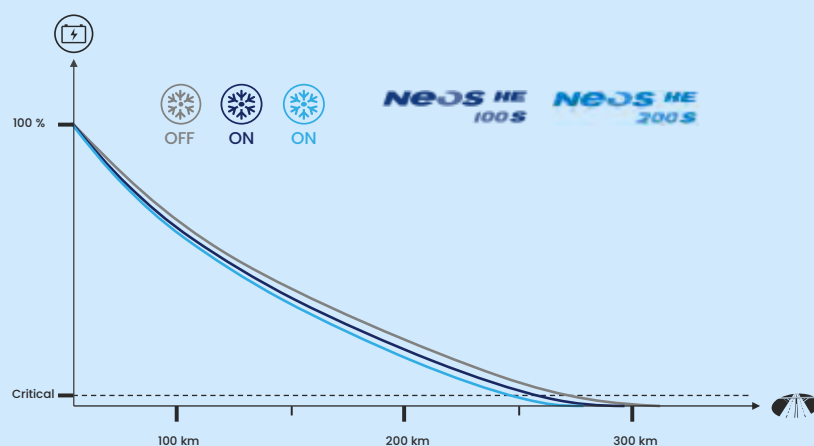
(BATTERY ELECTRICAL VEHICLES)

— **NEOS HE
100 S**

— **NEOS HE
200 S**

Example given for a 50 kWh OEM power train
with up to 275 km autonomy WLTP cycle

The Neos HE range allows for a greater autonomy of the van traction battery whether you are on the road or stopped: the autonomy is nearly constant and independent from the refrigeration unit, making it truly reliable.



ELECTRIFICATION & AUTONOMY

BATTERY PACK

Mastervolt is Carrier Transicold's approved battery pack solution and offers high performances for such a compact solution. Existing in 2.75 kWh or 5.5 kWh, this package includes the 100A charger which communicates with the battery for a quick recharge and ensure a maximum safety on your operations. The system is easily monitored with its own cab command.



The battery pack is a perfect solution for vehicles with no possibility to connect a 12V refrigeration unit as well as for customers looking for a fully autonomous electrical reefer solution.

Mastervolt is a brand of Mastervolt International B.V. Snijdersbergweg 93 NL-1105 AN Amsterdam – NL

EVAPORATORS



Improved evaporator efficiency

- Improved heat exchange
- Up to 34% more cooling capacity**
- Compatible with vehicles up to 12 m³
- Extra flat evaporator

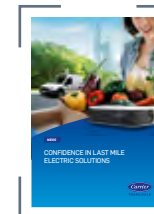


Environmentally sustainable

- Environmentally sustainable, using R134A or R452A for a low GWP
- High efficiency leading to less power used for the same application
- Reduced energy consumption
- Compatible with zero emission solutions



FIND OUT MORE ►





The Eutectic Vatna unit, designed for frozen food and ice-cream transportation.

The Vatna range is an eutectic refrigeration system dedicated to the distribution of frozen food and ice-cream for volumes from 5 to 23 m³.

Undermount



Nosemount



EASE OF USE

Operating automatically, the Vatna units work by cooling eutectic plates using R404A refrigerant whilst plugged in overnight. Cooling capacity is released during daytime operation. Plug it at night, deliver all day long.

COST EFFICIENCY

Operating automatically, limited maintenance is needed. However, accessibility is enhanced for easy servicing and reduced costs. Maximum load is possible thanks to the low thickness of the plaques used.

FLEXIBILITY

According to your needs, type of goods, doors openings, vehicle used, nose mount or undermount, different configurations are available. Demonstrating low noise levels, it is suitable for urban deliveries.

STANDARD FEATURES

- Remote standby plug (only on H version)
- Fixing accessories
- Set of eutectic plates and accessories (mounting bolts, expansion valve, fittings)
- Refrigeration component set (copper tube, elbows, tees)

KEY BENEFITS



Ease of use



Low noise:
ideal for urban deliveries



Cost efficiency:
easy servicing and reduced costs



Flexibility: ideal for any application

FIND OUT MORE ►





Your cold chain is consistently under control

Your temperature-sensitive products must be delivered in ideal condition.

They need a stable environment during transportation with controlled temperature and the ability to maintain the integrity of the cold chain. Citimax range allows you to deliver fresh and frozen products safely and with confidence thanks to the cooling power, the high refrigeration capacity (up to 58 m³) and easy fitting for any box size.

A Comprehensive Range Tailored to Your Needs

A Citimax Unit for Every Purpose

Citimax provides a full range of refrigeration units designed for all light commercial vehicles.

The specifications of the Citimax 280, 350, 400, 500 and 700 units make it possible for you to choose the best fit according to vehicle size, ambient temperatures and type of goods.



CITIMAX 280



CITIMAX 350



CITIMAX 400



CITIMAX 500

CITIMAX 700



VERSATILITY

20% faster pull down



PULL DOWN

Your temperature set points stay within +/- 1°C.



TEMPERATURE ACCURACY

For all applications from fresh to deep frozen goods



CITIMAX 280, 350, 400, 500 AND 700: EVEN MORE POWER AND SAFETY FOR ROAD ONLY APPLICATION

A choice of models designed to take into account ambient temperature: standard, high ambient and low ambient.



Refrigeration solutions for any type of vehicle:

- 5 models designed for a variety of LCV: Citimax 280, 350, 400, 500 and 700.
- 12V/24V units designed for different vehicles.
- High ambient units and low ambient units suited to the diversity of regional climates; from -25°C to +50°C.
- Nose mount and roof mount available for all units (including Citimax 280, 350 and 400) and most LCV.
- Improved structure design for easy hose connection.



Accessories

- Extension connection set for flexible evaporator positioning.
- DIN Cab Command



All range is ATP certified

All Citimax product range is ATP certified.

FIND OUT MORE ►



ELECTRIFICATION

Developing solutions that matter for people and the planet

Committed to reducing emissions, improving sustainability and increasing efficiency across the refrigerated transport sector, Carrier Transicold has been lately boosting its strategy to offer innovative solutions to replace fuel motors with the electrification of its refrigeration systems. As a result, refrigerated vehicles can now be fully electric from the vehicle's motor to the refrigeration system. Carrier Transicold is a pioneer in that matter and is already operating on roads in 10 European countries. The benefits are numerous starting by CO2 emissions and operating cost reductions, but also lower noise exposure.



Vector eCool

The Vector eCool is the first fully autonomous, all-electric engineless refrigerated trailer system. The eCool™ system is a sustainable solution that ticks all of the boxes of electrification and decarbonisation.



Neos HE

The Neos refrigeration range is expanding and adapting to today's challenges of city delivery with the Neos HE - High Efficiency, offering electric-powered solutions for vehicles up to 12 m³.



NEW Battery packs

Carrier Transicold now offers a suite of battery packs coupled with refrigeration systems in order to provide electric power directly to the unit.



E-Drive technology

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.



NEW Eco-Drive

The Eco-Drive is a power module that uses hydro-electric technology. The hydro pump is connected to the truck's power take-off motor to deliver electrical power to the refrigeration unit.



Engineless

The Carrier Transicold engineless refrigeration units run entirely on hydro-electric power generated by a truck's ultra-clean Euro 6 engine - cutting emissions and maintenance costs, while improving fuel efficiency.



BATTERY PACKS

Battery packs to power next-gen refrigeration units


Carrier Transicold now offers a suite of battery packs to meet the demands inherent to market transformation. Battery packs are coupled with refrigeration systems in order to provide electric power directly to the unit.

For LCVs and light duty trucks, Mastervolt batteries are a good fit to power refrigeration units with smaller electrical power needs. For medium, heavy-duty trucks and trailers, Carrier Transicold has partnered with the Portuguese technology company AddVolt.

THE RIGHT PACK FOR YOUR APPLICATION

Carrier Transicold offers a range of medium and large format battery packs:

- AddVolt battery boxes for truck & trailer
- Power boxes for trucks
- Mastervolt batteries for LCVs

	LCV Up to 7.2t	Light Duty truck 7.2t to 12t	Medium Duty truck 12t to 19t	Heavy Duty truck 19t to 26t	Tractor	Semi-Trailer
Battery (Mastervolt)	■	■				
Battery (Addvolt)		■	■	■		■
Power Box		■	■	■	■	
Eco-Drive			■	■	■	
Engineless (TRU)			■	■		■

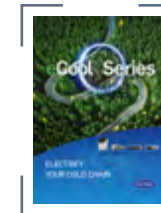
ADDVOLT™: A PARTNERSHIP FOR SUSTAINABLE POWER

In a major step towards expanding its electrification capabilities, Carrier Transicold has partnered with the Portuguese company, AddVolt, and equipped the Vector eCool™ with their system avoiding fuel usage, thus reducing major emissions including noise, particulates, nitrogen oxide (NO₂) and carbon dioxide (CO₂).



Ideally suited for Carrier Transicold's Vector Range, the medium and large AddVolt battery packs are destined for BE-TRU application (Battery-Electric Transport Refrigeration Unit) for battery recharging solely via a grid connection, or RE-TRU application (Renewable Electric Transport Refrigeration Unit), for battery recharging via a grid connection and a regenerative axle.

FIND OUT MORE ►

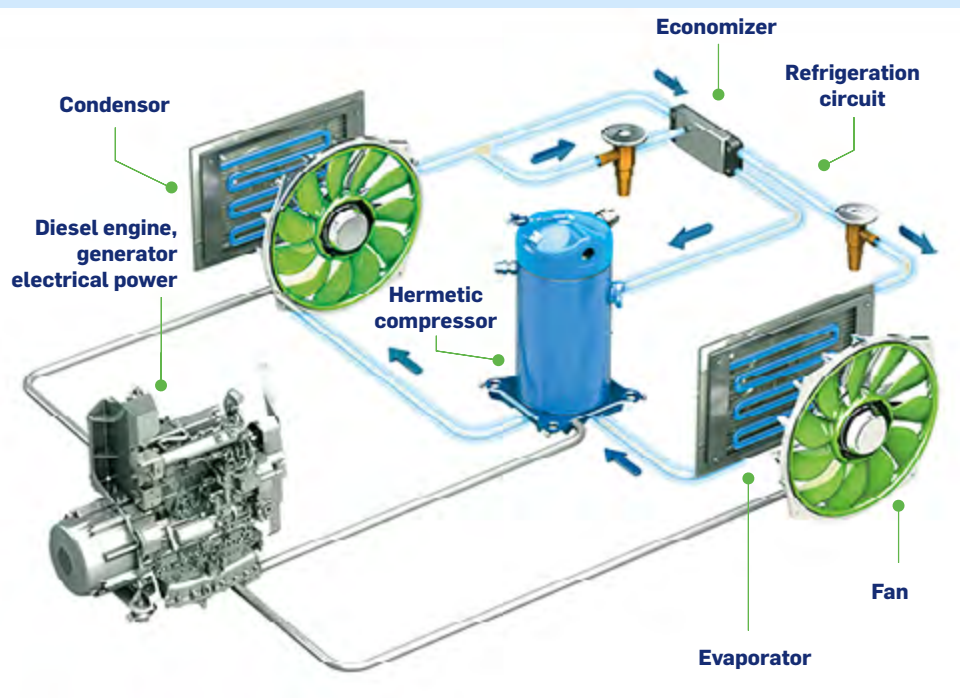


E-DRIVE® TECHNOLOGY

Ready for an all-electric future

A BREAKTHROUGH TECHNOLOGY

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.



KEY BENEFITS

READY FOR AN ALL-ELECTRIC FUTURE

Our patented E-Drive technology is at the heart of Carrier Transicold's Vector® trailer refrigeration and Pulsor® van refrigeration systems. Carrier Transicold is now embedding the E-Drive technology into the ECO-DRIVE power modules to energize our complete range of engineless refrigeration units.

With 17 serviceable parts removed, E-Drive is helping fleets to reduce maintenance requirements and contribute to increasing uptime (up to 99.7%). Its electric-constant heating ensures maximum performance across multiple compartments.

While offering superior cold chain performance, E-Drive significantly improves refrigerant containment, which reduces refrigerant leak rates by up to 50% vs. conventional systems using standard technology.

MINIMUM ENVIRONMENTAL IMPACT



- 50% refrigeration leak*

REDUCED MAINTENANCE AND DOWNTIME



No belt



17 serviceable parts removed

PERFORMANCE OF TEMPERATURE CONTROL



Multi-temperature performance

* Vs. conventional systems using standard technology.

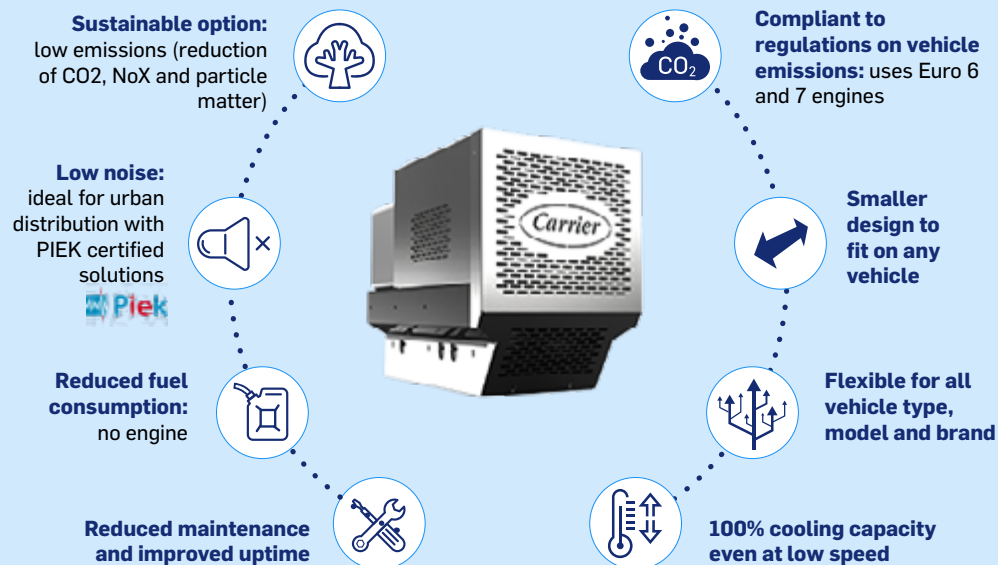


FIND OUT MORE ►

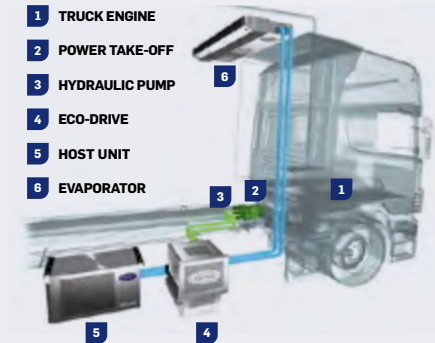
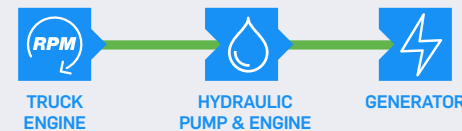


ECO-DRIVE

Carrier Transicold is committed to providing refrigerated solutions that support a healthy, safe, sustainable cold chain that delivers perishables with confidence. The Eco-Drive range is a flexible option that can be fitted to any vehicle type, model or brand, while improving overall sustainability for fleets. Being an engineless solution, the Eco-Drive range helps our customers meet the current environmental standards and regulations, but also allows for a reduction in fuel consumption.



The Eco-Drive is a power module that uses hydro-electric technology. The hydro pump is connected to the truck's power take-off motor to deliver electrical power to the refrigeration unit. This module maintains constant power, even when the truck is idling in heavy traffic.

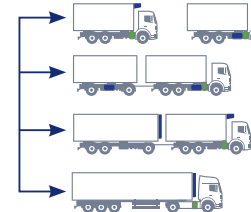


FLEXIBLE AND UNIVERSAL

We have an Eco-Drive unit for any application and purpose. The Eco-Drive range allows for great flexibility as it can be used for various applications.

Contact your local sales contact for all possible applications and retrofit

Can fit any new and existing vehicle



Eco-Drive Industry



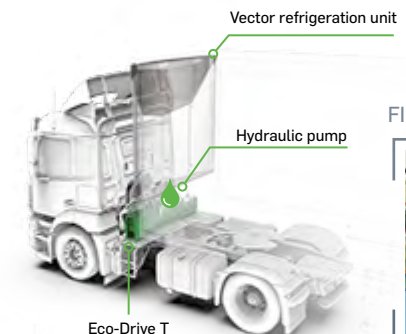
ECO-DRIVE T 25/30

The compact power generation unit for your multiple unit application



The Eco-Drive T has been designed for Carrier Engineless reefer units when there is no space underneath the chassis. Allowing additional extra tanks for Gas applications or 6x2 Trailers applications

Please refer to your local sales representative for more information



ONLY FOR TRIALS*

FIND OUT MORE ►

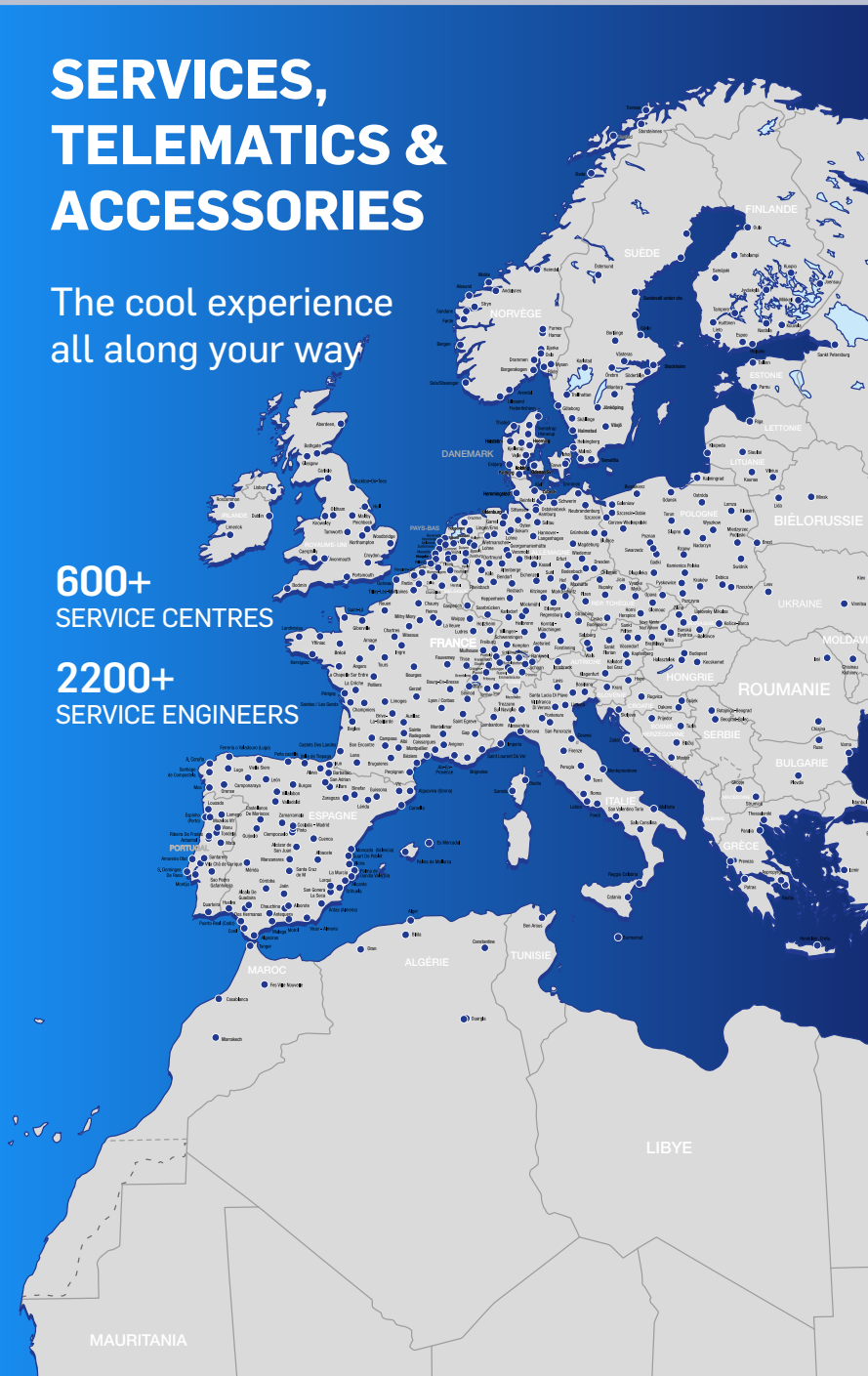


SERVICES, TELEMATICS & ACCESSORIES

The cool experience
all along your way

600+
SERVICE CENTRES

2200+
SERVICE ENGINEERS



NEW BluEdge

No matter what level of service your business needs, Carrier Transicold offers the flexibility to help you get the best value out of your service plan.



NEW LYNX Fleet

The Lynx™ Fleet telematics platform will intelligently monitor connected refrigeration systems from anywhere in the world.



Spare parts

The Eco-Drive is a power module that uses hydro-electric technology. The hydro pump is connected to the truck's power take-off motor to deliver electrical power to the refrigeration unit.



OneCALL

Whether you need breakdown support in your own country or internationally, with oneCALL™ service our team is on hand to help get you back on the road as soon as possible - 24/7/365 - with the minimum of hassle.



Service Center locator

With over 600 locations throughout Europe, Middle East, Africa & Russia, we provide our customers with the regions' largest refrigerated service network.



Datacold

Carrier Transicold offers a range of temperature recorders designed to meet today's regulations and bring visibility to your cold chain.



Solar panel

Reliability and availability of your fleet is a vital component of any professional's transportation activity. The Carrier Transicold Solar Panel is the sustainably powered solution that will allow you to make better use of your accessories.



Accessories

Find out Carrier's most popular accessories to enhance your cold chain experience





Discover greater value with BluEdge™ service offerings



Extend the life
of your equipment



Increase asset
utilization



Reduce equipment
lifecycle costs



Avoid emergency
callout repairs



Reduce downtime



Maximize fuel
economy



Increase resale
value



Get reports and
statistics



By combining your Carrier Transicold transport refrigeration units with our BluEdge service maintenance package, you can be confident you will be receiving optimum levels of product support that will keep your fleet operating as effectively as it was originally designed.



A TIER FOR EVERY BUSINESS

Whether you want to maintain equipment on your own with as-needed service or put solutions in place for proactive maintenance and equipment monitoring, we have a plan that can help you.



CORE

An economical solution for customers with a connected unit and need for standard support. Our Core option allows us to support your needs with a mix of online and side presence.



ENHANCE

Designed for customers who are looking for complete preventive maintenance with a high level of remote connectivity. We will maximise your equipment life, uptime and performance with customised support for each of your transport refrigeration assets.



ELITE

Our Elite plan is the ultimate worry free, peace of mind program for clients who demand the highest level of equipment reliability, uptimes, and fiscal certainty. Repair or replacement of maintainable failed parts is included in this plan and a comprehensive cooling contingency plan can be put in place if desired.

	CORE Extended warranty	ENHANCE Routine maintenance	ELITE Full service
Parts	✓	✓	✓
Labor repair	✓		✓
Labor maintenance		✓	✓
Preventive maintenance		✓	✓
Fleet visibility/Basic telematics			✓
Call-out 24/7	○	○	○
Travel	○	○	○
International coverage	○	○	○
Telematics/Lynx Fleet	○	○	✓*
Local options (regulations)	○	○	○
Hours usage billing			○

*for units equipped in standard from factory

✓ Included
○ Option

FIND OUT MORE ►





Explore Lynx™ Fleet

The Lynx Fleet application intelligently monitors connected refrigeration systems from anywhere in the world. It provides vital information through a centralized data stream and with improved visibility for asset owners, producers, drivers, fleet managers and retailers on the products being transported and the delivery modes transporting them.

In addition to providing critical data, such as temperatures, location and movement of refrigerated assets, Lynx Fleet can provide analytics and diagnostic information.

The digital system provides access to near live service and maintenance schedules for each connected refrigeration unit, helping to aid fleet management procedures and ensure minimal disruption through vehicle downtime.



Advanced remote temperature monitoring



In-depth service and utilization reports



Refrigeration unit health analytics



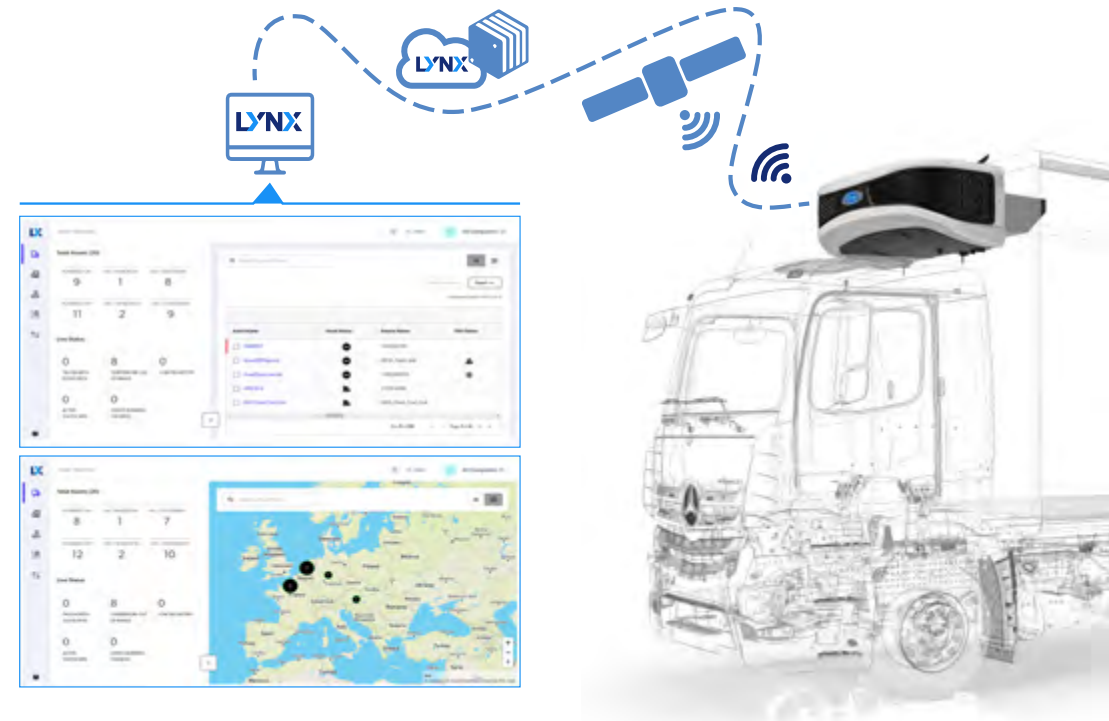
Operational management and control capability



In-depth service and utilization reports



Preventative maintenance



Optimize

Optimize equipment utilization - automation enables proactive fleet management



End-to-End Monitoring

Anytime, anywhere, end-to-end monitoring reduces potential supply chain disruptions and product rejections



Visibility

Open eco-system delivers comprehensive visibility—enabling close collaboration with management, business operations and partners



Sustainability

Sustainable solutions that reduce product and food waste, improve fuel efficiencies and cut GHG emissions



Connections Leverage the largest service network in EMEA - Carrier is your trusted provider, delivering confidence

FIND OUT MORE ►



SPARE PARTS

Original quality, original performance.

CARRIER TRANSCOLD PERFORMANCE PARTS™

Carrier Transicold's replacement parts are called Performance Parts for a reason. Unlike alternative copies or 'will fit' parts they are designed and manufactured to our rigorous OEM specifications all with the aim of maximising system performance and reliability.

THE POWER TO SUPPLY

Having the right part in the right place at the right time is important, which is why our parts can be accessed at over 600 service points throughout Europe, the Middle East, Africa and Russia each supported by on-line technical resources and a logistics operation which ensures our extensive catalogue of spare parts can be accurately referenced and quickly supplied.

[FIND OUT MORE ►](#)



24/7 assistance:
we're just one call away

Whether you need breakdown support in your own country or internationally, with oneCALL™ service our team is on hand to get you back on the road as soon as possible, 24/7/365 with minimum hassle.

ONECALL™ SERVICE - ONE SOLUTION

Covering 32 countries, oneCALL™ service will connect you to a specialist who speaks your language and can ensure you quickly get the assistance you need.



SERVICE CENTRE LOCATOR



The cool experience reliable everywhere

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

Further supported by more than 700+ mobile service units (vans) and over 2,200 service engineers, our aim is to be as close to our customers as possible.

We place 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.

[FIND OUT MORE ►](#)






DataCOLD

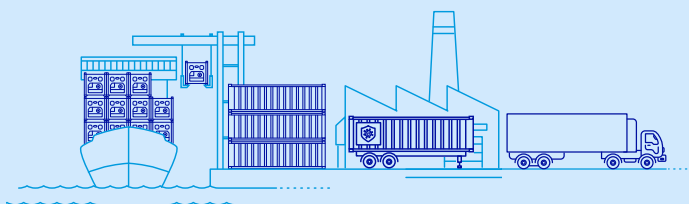
Monitor, control and add visibility to your cold chain with DataCOLD® temperature recorders for refrigerated transport.

With an ever increasing focus on public health, temperature traceability of cargo is a major issue for refrigerated transport.

Carrier Transicold is responding to the challenge with a range of temperature recorders designed to help meet today's regulations and bring visibility to your cold chain.

PRODUCT RANGE TIERS

			
	DataCOLD™ 100	DataCOLD™ 300	DataCOLD™ 600
STORE TEMPERATURE DATA	■	■	■
SHARE LOG FILES	■	■	■
ANALYTICAL & ALARM ENGINE		■	■
PRINT DELIVERY TICKETS		■	■
COMMUNICATION WITH CARRIER UNITS			■



DATAcold™ 100

Your first step on the road to compliance.

Class 2 :
between -20°C to +30°C



SIMPLE

Plug in to independently record temperatures from 6 sensors.

CONVENIENT

Leave the recorder and return later to retrieve log files with a USB key.

DATAcold™ 300

Providing advanced temperature control.

NEW Class 0.5 :
between +25°C and -7°C

Class 1 :
between -40°C to +50°C



COMPREHENSIVE

In addition to norm compliance, includes advanced features such as a thermal printer for supplying delivery tickets.

PRECISE

External independent sensors and Carrier designed alarm logic give you control of load temperatures.

DATAcold™ 600

Designed for connectivity.

Class 0.5 :
between +25°C and -7°C

Class 1 :
between -40°C to +50°C



SOPHISTICATED

All the features of the DataCOLD® 300 recorder with the benefit of extra information sourced from Carrier units and additional sensor inputs and outputs.

CONNECTABLE

Links up with Carrier reefer units to provide relevant operating alarms, including defrost delays and set point based alarms.

FIND OUT MORE ►



SOLAR PANEL

Natural power is always available for your fleet



THE RELIABILITY OF NATURAL POWER

A sustainably powered solution for your accessories

Reliability and availability of your fleet is a vital component of any professional's transportation activity.

The Carrier Transicold Solar Panel is the sustainably powered solution that will allow you to make better use of your accessories. Providing power whatever the season, the solar panel is a safe and easy solution for powering your accessories and better leverage your trailer units' battery. Enjoy peace of mind with less maintenance and battery replacement to ensure your fleet is always on the road.

Available for all accessories*:



Data**COLD**™

**for other applications, please liaise with our sales director.*

SPECIFICATIONS

	Electrical characteristic		External characteristic		Service model			
	Nominal Voltage (V)	Nominal Amperage (A)	Weight, all components (kg)	Dimension, solar panel only (mm)	Kit content	Installation (min)	Maintenance	Warranty
50 W	17,4	2,85	3,6	535 x 645 x 4	Solar panel, cables, box, controller, miscellaneous, instruction	60 (installation + functional tests)	• Depending of applications • Clean-up solar panel minimum every 3 months	2 years
110 W	17,4	6,58	8,3	650 x 910 x 16				



FIND OUT MORE ►



ACCESSORIES

Find out Carrier's most popular accessories to enhance your cold chain experience.

FUEL TANK

Carrier fuel tanks offer a wide range of capacity (75L to 200L) & geometric shapes to fit with different truck & chassis configuration. Additional fuel tank differentiates fuel consumption of the refrigeration unit from the truck.



Extra flat fuel tank 75L

Design allows space saving



Fuel tank 90L

VARIANTS

- Tank 90L length 400mm
- Tank 90L length 750mm
- 90L tank gauge 12V



Fuel tank 200L

VARIANTS

- Fuel tank 200L : 1 filling neck
- Fuel tank 200L : 2 filling necks

FUEL SENSOR

Compatible with all Vector range (APx & Advance) + new Supra HE range.

Thanks to the fuel sensor, you will get directly fuel level information on the unit's display & triggers alarms when the level is too low.

Different fuel sensor sizes available following the tank configuration (not only for carrier tanks).



FUEL HEATER

Ease restart in cold ambient temperature & avoid gasoil freezing.

- available for all APx units.



ADDITIONAL BATTERY CHARGER

This option is ideal for customers using an auxiliary battery to power a tailgate for example. The charger will recharge the auxiliary battery. 12V or 24V following the battery configuration.

- Available on Trailer range.



DOOR SWITCH

In order to comply with best loading practices, Carrier recommends to install door switch in order to shut down the unit when loading the Van. This device will reduce warm air penetration into the box.

It provides to the micro with a signal in order to monitor door openings switch of evaporator fans when door opening.

- Available on LCV, Truck & Trailer range
- Variant available in side & back versions



DUAL VIEW

The Dual-View Temperature Display is an effective way to independently monitor a trailer's box temperature on the road or in the yard. With its driver friendly design, it provides temperature monitoring (up to 3 cpts) and reefer unit status. Thanks to LED technology, it provides high visibility whatever external conditions.

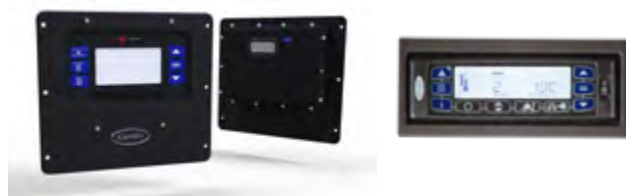
- Available on Vector range.



REMOTE CONTROL PANEL

With the remote panel, control your Carrier unit from the back of the trailer or another remote location of your choice. It contributes to reduce monitoring time in fleet & cold chain management. It helps for a quick monitoring of internal box temperature and ease temperature control.

- Available for single or multi temperature configuration on Apx units (Vector or Supra HE) and also for Advance units (Vector).



Remote panel APX Flush & Surface mounted



Remote panel Flush & Surface mounted

BOTTOM PANEL

The bottom panel kit can be used to reduce noise level and reduce heat inside and around unit by guiding airflow to each side of trailer. Different models are available following the configuration (large or slim).

- Available on Trailer range.



LIGHT BAR

Specifically designed to simplify fleet management, the light bar provides a clear status on unit operation. By using LED technology, it helps to reduce risk of load loss by a clear visible day & night green or amber lights.

- Available on Vector and Supra HE ranges.



**F-GAS regulation
EU/517/2014**

PIEK Label

EU Stage V Engine emissions
regulation EU/2016/1628

ATP regulation

Certicold
Pharma LabelRenewable
Diesel HVO

REGULATION IN THE REFRIGERATED ROAD TRANSPORT SECTOR

F-GAS REGULATION EU/517/2014

PIEK LABEL

EU STAGE V ENGINE EMISSIONS REGULATION EU/2016/1628

ATP REGULATIONS

CERTICOLD PHARMA LABEL

RENEWABLE DIESEL HVO

F-GAS REGULATION EU/517/2014



Since 1 January 2015, F-Gases have been subject to a strict new European Union legislation which aims to significantly reduce the emissions from the use of fluorinated gases. This 'new' F-Gas Regulation EU/517/2014 maintains many measures of the previous F-Gas Regulation EC/842/2006, particularly in relation to:

- Leak prevention
- F-Gas recovery
- Certification of technicians
- Selected restrictions on the use and marketing of F-Gases

However, the latest legislation aims to bring about large reductions in the use of F-Gases and emissions from the use of those fluorinated gases, by progressively phasing down permitted supplies of hydrofluorocarbons (HFCs) into the EU market. In the transport refrigeration sector, this has meant new controls on the use and emissions of HFCs as refrigerants in transport refrigeration units installed on vehicles above 3.5 tonnes.

WHAT IS F-GAS?

- Fluorinated Gas (F-Gas) is a greenhouse gas and the name given to a group of chemicals containing fluorine, which trap heat in the atmosphere and contribute to global warming.
- HFCs are one of the four main categories of F-Gases.

THE FUTURE OF REFRIGERANTS

Carrier Transicold believes that R452A is only an intermediate mid-term solution and consequently Carrier's vision is to develop sustainable alternative transport refrigeration units that would deliver significant benefits to the environment, while being safe and energy efficient in the long-term.

FIND OUT MORE ►



PIEK LABEL

When it comes to urban delivery vehicles, particularly those fitted with transport refrigeration units, operators need to consider noise emissions by timing their deliveries accordingly, or attempting to lower the noise through improved latest generation systems which offer better acoustics. Urban noise can have a serious effect on quality of life; it can make hearing, concentrating, and working more difficult, as well as potentially disturbing sleep, which can result in stress and fatigue.



WHAT ARE THE LIMITS?

There is no global legislation on urban noise levels, although many European countries have set guidelines to minimise persistent noise, particularly in towns and cities, which can affect urban deliveries. The Dutch Government first embarked on finding a standard for quiet delivery vehicles in 1999, developing the PIEK certification scheme in 2004. To achieve the standard, all transport refrigeration units must be fully-functional while emitting a noise level below 60dB(A)* from 7.5 metres. This level is deemed suitable for out-of-hours delivery and should not cause any residential disturbance.

EU STAGE V ENGINE EMISSIONS REGULATION EU/2016/1628 EK LABEL

Commercial vehicles used in road transport are subject to strict regulations which keep their emissions levels in check, with the latest vans and trucks meeting Euro VI standards. However, the engines powering transport refrigeration units have typically been regulated differently until now.



NEW LEGISLATION FROM 2017

From 1 January 2017, the new non-road mobile machinery (NRMM) regulation defines tough new emission limits for NRMM engines, known as EU Stage V, replacing Stage IIIa. It also lays down the procedures engine manufacturers must follow to obtain type-approval for their engines – which is a prerequisite for placing their engines on the EU market.

By 2018, all manufacturers are required to have their engines type approved, and from January 2019 it is expected that new diesel-powered transport refrigeration units will be EU Stage V compliant.



ATP REGULATIONS

This is not new legislation, but is worthy of reminder for all operators which need to transport perishable foodstuffs across international boundaries by road.

ATP is the name given to the agreement on the International Transport of Perishable Foodstuffs, which was originated by the Inland Transport Committee of the United Nations Economic Committee for Europe (UNECE) in 1970-71.



ATP makes it illegal to transport perishable foodstuffs across international boundaries between countries which are signatories to the agreement, unless the vehicle has an ATP certificate. Failure to have an ATP certificate could mean a driver is stopped, turned back or possibly issued with a substantial fine.

Only non-processed fruit and vegetables are not covered within the scope of the agreement.

CERTICOLD PHARMA LABEL

As more and more healthcare products are temperature-sensitive, and when the demands of new good practices in wholesale distribution are strengthened in this area, players in the pharmacy world, confronted with these problems, are looking for simple solutions to ensure control of the cold chain.

Established to demonstrate and guarantee the conformity of the devices used for the transport of heat-sensitive health products, the Certicold Pharma quality label, recognized at European level, certifies cold chain equipment on the basis of robust specifications requiring extensive testing and annual auditing of manufacturing methods.



OUR ENGAGEMENT TOWARDS SUSTAINABILITY



“At Carrier Transicold, we consider *sustainability* a high priority to optimize resources for future generations.

Drawing on our culture of continuous improvement and innovation, backed by a talented and engaged workforce, we are committed to providing our customers with high-performing solutions for cold chain integrity, offering the optimal balance between environmental footprint and total economic value - for now and in the future.”

Carrier Transicold Europe



RENEWABLE DIESEL - HVO



Carrier announced the official release and approval of the use of the **Renewable Diesel HVO** (Hydrotreated Vegetable Oils) on **all Diesel Truck & Trailer Refrigeration Units**.

What is Renewable Diesel HVO?

HVO Renewable Diesel is a premium fossil free diesel product made of 100% renewable raw materials. It is produced by hydrotreatment of vegetable oils and/or animal fats, and the result is a high-quality fuel level with a chemical structure almost identical to regular diesel and can therefore fully replace fossil diesel.

This product is **safe, biodegradable** and **produces less air pollutants than petroleum-based diesel**.

Approval & Authorization

The use of the Renewable Diesel HVO is approved and authorized on all Diesel Truck & Trailer Refrigeration Units without any exemptions.

The technical specifications of the **Renewable Diesel HVO** should comply with the regulation **EN15940 and ASTM 975**.

Note: before providing the approval to use Renewable Diesel HVO, the supplier should provide a product data sheet that confirm the conformity with the regulation EN15940 and ASTM 975.

Environment Benefits

Without modifying the engine power output, Renewable Diesel HVO can offer **a significant reduction of CO₂, NO_x & particles emissions** when use as Pure HVO.



Up to **-90%** CO₂ reduction*



Up to **-30%** particulate emissions*



Bio-degradable*

* Based on main Pure HVO suppliers, information communicated

Total Cost Ownership

Renewable Diesel HVO can be used on our Diesel Refrigeration Units **without any changes on engine components and without any modifications of the maintenance interval**.

What is the difference between Renewable Diesel HVO & Bio diesel FAME?

Both have similar raw materials (triglycerides from fats & oils), but the transformation process is different. The esterification process is used to produce FAME while the hydrotreated process is used to produce HVO.

By using the hydrotreated process, HVO has a close properties comparing to the standard diesel fuel on the market and is a greener diesel (refer to figures communicate with reductions of CO₂, NO_x & particles emissions).

Related to the standard requirements, FAME (Fatty Acid Methyl Esters) should follow the legislation EN14214 & HVO (Hydrotreated Vegetable Oils) should follow the EN1540 and ASTM975.

Therefore, it's very important to distinguish HVO & FAME.

Can I use bio diesel FAME on Diesel Truck & Trailer Refrigeration Units?

STAGE	HVO No blend limitation	FAME		
		Blend below 7%	Blend between 7% to 20%	Blend above 20%
Stage III (for units produced before January 2019)	Approved	Approved	Approved but maintenance interval to be changed	Not approved
Stage V (for units produced after January 2019)	Approved	Approved	Not approved	Not approved

Currently, with a blend below 7% of FAME, it corresponds to the standard diesel fuel on the market compliant with EN590.

Vector HE 19**Vector 1950**
Vector 1550

Vector S 15

Supra

Supra
Undermount

Supra CNG

Supra HE

Oasis

Syberia
Iceland

Xarios

Pulsor

Neos

Vatna

Citimax

SPECIFICATIONS

VECTOR HE 19

Model	Cooling capacity (W)				Airflow (m³/hr)	Engine Heating capacity (W)	Weight (kg)	Sound pressure (dB(A))
	Engine		Standby					
	0°C/+30°C	-20°C/+30°C	0°C/+30°C	-20°C/+30°C		+12°C/-20°C		
Vector HE 19	17650	9800	14880	8690	5600	9000	805	69
Vector HE 19 Silent	17650	9800	14880	8690	5600	9000	840	69
Vector HE 19 City	17710	9870	13330	8030	5600	9000	860	<60
Vector HE 19 E City	-	-	13330	8030	4350	9000	541	<60
Vector HE 19 MT	17770	9230	16330	8600	5600	9000	815	69
Vector HE 19 MT Silent	17770	9230	16330	8600	5600	9000	850	66
Vector HE 19 MT City	16140	8720	13330	8020	5600	9000	870	<60
Vector HE 19 E MT City	-	-	13330	8020	4350	9000	561	<60



VECTOR 1950

Model	Cooling capacity (W)				Airflow (m³/hr)	Engine Heating capacity (W)	Weight (kg)	Sound pressure (dB(A))
	Engine		Standby					
	0°C/+30°C	-20°C/+30°C	0°C/+30°C	-20°C/+30°C		+12°C/-20°C		
Vector 1950	18800	9540	16960	8950	5600	9000	882	76



VECTOR 1550

Model	Cooling capacity (W)				Airflow (m³/hr)	Engine Heating capacity (W)	Weight (kg)	Sound pressure (dB(A))
	Engine		Standby					
	0°C/+30°C	-20°C/+30°C	0°C/+30°C	-20°C/+30°C		+12°C/-20°C		
Vector 1550	15340	8280	12990	7240	5600	8500	706	71
Vector 1550 CITY	15340	7880	13390	7060	5600	8500	725	<60



Vector HE 19

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Vector 1550**Vector S 15****Supra****Supra
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VECTOR S15

Model	Cooling capacity (W)				Airflow (m³/hr)	Engine Heating capacity (W)	Weight (kg)	Sound pressure (dB(A))
	Engine		Standby					
	0°C/+30°C	-20°C/+30°C	0°C/+30°C	-20°C/+30°C		+12°C/-20°C		
Vector S 15	15080	8100	8539	7400	5210	7300	707	70



SUPRA

Model	Cooling capacity (W)				Airflow (m³/hr)	Engine Heating capacity (W)	Weight (kg)	Sound pressure (dB(A))
	Road		Standby					
	0°C/+30°C	-20°C/+30°C	0°C/+30°C	-20°C/+30°C		+12°C/-20°C		
Supra 450	4030	2200	3530	1880	1556	1520	340	68
Supra 550	5390	2960	4710	2610	2240	1940	391	68
Supra 750	6670	3620	5490	2870	2248	2170	429	68.2
Supra 850	8320	4920	7200	4280	2535	3360	461	68.7
Supra 1050	9210	5830	8100	5170	3065	3520	617	69.6
Supra 1150	10500	6020	9340	5180	2909	4720	626	69.2
Supra 1250	11860	7030	8770	6220	3165	4720	636	69.2
Supra 750 MT	6330	3910	5990	3510	Up to 2640	Up to 3300	411	68.2
Supra 850 MT	6340	4370	5110	3490	Up to 2389	Up to 3650	443	68.7
Supra 1150 MT	11130	6730	9070	5770	Up to 3865	Up to 5200	576	69.2
Supra 1250 MT	11540	7770	10140	6820	Up to 3865	Up to 5200	576	63.8



SUPRA UNDERMOUNT

Model	Cooling capacity (W)				Airflow (m³/hr)	Engine Heating capacity (W)	Weight (kg)	Sound pressure (dB(A))
	Engine		Standby					
	0°C/+30°C	-20°C/+30°C	0°C/+30°C	-20°C/+30°C		+12°C/-20°C		
Supra 900U	9100	4873	8050	4270	3450	3360	453	68.2
Supra 1100U	10710	6140	9640	5600	3600	3960	559	76.8
Supra 1150U MT	10700	5960	10200	5750	Up to 3600	Up to 5200	566	76.9



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SUPRA CNG

Model	Cooling capacity (W)				Airflow (m³/hr)	Engine Heating capacity (W)	Weight (kg)	Sound pressure (dB(A))
	Engine		Standby			+12°C/-20°C		
	0°C/+30°C	-20°C/+30°C	0°C/+30°C	-20°C/+30°C				
Supra 1250 MT CNG City	9420	7950	8460	6000	-	-	593	92



SUPRA HE

Model	Cooling capacity (W)				Airflow (m³/hr)	Engine Heating capacity (W)	Weight (kg)	Sound pressure (dB(A))
	Engine		Standby			+12°C/-20°C		
	0°C/+30°C	-20°C/+30°C	0°C/+30°C	-20°C/+30°C				
Supra HE 6	6300	3570	5030	2760	2570	4180	431	67
Supra HE 8	7710	3950	6250	3490	2570	5730	440	67,6
Supra HE 9	9020	5390	7410	4600	2445	6310	460	68,1
Supra HE 11	10810	5930	8810	5520	3350	10490	500	67,8
Supra HE 13	12010	6700	10170	5975	3075	10850	501	68,4



OASIS

Model	Cooling capacity (W)				Airflow (m³/hr)	Engine Heating capacity (W)	Weight (kg)	Sound pressure (dB(A))
	Engine		Standby					
	0°C/+30°C	-20°C/+30°C	0°C/+30°C	-20°C/+30°C		+12°C/-20°C		
Oasis 150	5000	2600	4070	2000	2210	1940	391	68
Oasis 150 Fresh	3310	-	2950	-	1590	1520	340	68
Oasis 250	5800	3600	4440	2840	2250	1430	429	72
Oasis 250 Fresh	5030	-	1430	-	2250	1430	429	72
Oasis 250 MT	4750	2730	4330	2590	2100	2840	411	68.2
Oasis 260	6360	3920	5490	2870	2500	1430	429	72
Oasis 330	7820	5370	5520	4850	2909	4720	626	69,2
Oasis 350	10300	6400	9600	5800	2770	3950	596	70
Oasis 350 MT	Up to 8870	Up to 5040	Up to 8600	Up to 5110	Up to 3589	Up to 5200	566	70



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SYBERIA

Model	Cooling capacity (W)				Airflow (m³/hr)	Engine Heating capacity (W)	Weight (kg)	Sound pressure (dB(A))
	Road		Standby					
	0°C/+30°C	-20°C/+30°C	0°C/+30°C	-20°C/+30°C		+12°C/-20°C		
Syberia 8 LL3	7952	3532	7089	3237	7956	3426	210	59
Syberia 8 LL2D	7606	3652	6907	3496	7532	3739	210	59
Syberia 11 LL3	9388	5056	8360	4632	7956	3426	210	59
Syberia 11 LL2D	9632	5457	9039	5033	7532	3739	210	59
Syberia 18 MT Twincool LL3	9314	5367	8415	4969	7956	3739	320	60
Syberia 18 MT Twincool LL2D	8544	4798	7480	4798	7532	3426	320	60
Syberia 18 MT Twincool LL1D	6806	4479	6575	3690	5304	2550	320	60
Syberia 18 MT Twincool LL1D Dual	12600	8712	11400	5178	5304	2592	320	60



ICELAND

Model	Cooling capacity (W)				Airflow (m³/hr)	Engine Heating capacity (W)	Weight (kg)	Sound pressure (dB(A))
	Road		Standby					
	0°C/+30°C	-20°C/+30°C	0°C/+30°C	-20°C/+30°C		+12°C/-20°C		
Iceland 8 LL3	8074	3924	7378	3924	3426	7956	142	59
Iceland 8 LL2D	8346	4037	7540	3765	7532	3739	142	59
Iceland 11 LL3	9871	5765	8997	5297	7956	3426	142	59
Iceland 11 LL2D	9898	5754	9349	5369	7532	3739	142	59
Iceland 18 MT Twincool LL3	9103	5462	8332	5075	7956	3739	224	59
Iceland 18 MT Twincool LL2D	9376	5661	8383	5095	7532	3426	224	59
Iceland 18 MT Twincool LL1D	7407	4673	6717	3921	5304	2550	224	59
Iceland 18 MT Twincool LL1D Dual	13076	8954	11917	7965	5304	2592	224	59



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XARIOS

Model	Cooling capacity (W)				Airflow (m³/hr)	Engine Heating capacity (W)	Weight (kg)	Sound pressure (dB(A))
	Road		Standby					
	0°C/+30°C	-20°C/+30°C	0°C/+30°C	-20°C/+30°C		+12°C/-20°C		
Xarios 150 MXS 600	1790	990	-	-	710	1800	68	55
Xarios 200 MXS 850	2250	1290	1170	510	790	2200	72	55
Xarios 200 MXV 850	2300	1290	1200	510	770	2200	70	55
Xarios 300 MXS 850	2880	1680	1730	800	820	2800	111	55
Xarios 300 MXV 850	2750	1550	1910	960	790	2800	109	55
Xarios 350 MXL 1100	3430	1800	2370	1030	1560	3100	102	57
Xarios 350 MT MXS 850	2860	1530	1760	680	810	3100	104	57
Xarios 350 MT MXV 850	2630	1440	1570	630	790	3100	102	57
Xarios 350 MT MXS 600	2240	1300	1690	710	710	3100	100	57
Xarios 5 MXL 1100	4480	2270	3310	1500	1480	3600	175	-
Xarios 6 MXL 1550	5310	2700	3930	1700	2190	3950	188	-
Xarios 6 MT MXL 1100	4360	2270	3460	1680	1435	3900	169	55
Xarios 600 MT MXL 1100	4600	2360	3710	1680	1600	3950	177	55
Xarios 600 MT MXS 850	3430	1880	2900	1430	800	3950	167	55
Xarios 600 MT MXV 850	3060	1730	2630	1320	770	3950	165	55
Xarios 600 MT MXS 600	2450	1630	2420	1300	700	3950	163	55
Xarios 8 MXL 1550+	7990	4200	6170	3190	2490	4750	190	-



PULSOR

Model	Cooling capacity (W)				Airflow (m³/hr)	Engine Heating capacity (W)	Weight (kg)	Sound pressure (dB(A))
	Road		Standby					
	0°C/+30°C	-20°C/+30°C	0°C/+30°C	-20°C/+30°C		+12°C/-20°C		
Puslor 300	2450	1200	2410	1150	724	1500	108	57
Puslor 350	3080	1700	3140	1710	1160	2100	113	57
Puslor 400	3510	1830	3590	1850	1718	3000	121	57
Puslor 500	3780	2020	3830	2050	1590	3000	130	57
Puslor 400 MT	3550	1860	3630	1830	Up to 1118	Up to 2100	Up to 135	57
Puslor 600 MT	4450	2150	4460	2160	Up to 1620	Up to 3000	Up to 150	57



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Neos**Vatna****Citimax**

NEOS

Model	Cooling capacity (W)				Airflow (m³/hr)	Engine Heating capacity (W)	Weight (kg)	Sound pressure (dB(A))
	Road		Standby					
	0°C/+30°C	-20°C/+30°C	0°C/+30°C	-20°C/+30°C		+12°C/-20°C		
Neos 100 integrated	1200	-	1190	-	590	400	53	-
Neos 100 S MNS 600	1130	-	1190	-	747	350	71	57
Neos HE 100 S MNS 600	970	290	980	250	730	350	73	85
Neos HE 200 S MNS 850	1520	550	1560	570	1125	800	75	-



VATNA

Model	Number of plates		Accumulated capacity (Wh)	Weight (kg)
	Standard	Large		
Vatna 200	3	0	9300	395
Vatna 200	4	0	12400	480
Vatna 200	2	2	12800	492
Vatna 300	5	0	15500	610
Vatna 300	6	0	18600	695
Vatna 400	7	0	21700	780
Vatna 400	8	0	24800	865






CITIMAX

Model	Cooling capacity (W)				Airflow (m³/hr)	Engine Heating capacity (W)	Weight (kg)	Sound pressure (dB(A))
	Road		Standby					
	0°C/+30°C	-20°C/+30°C	0°C/+30°C	-20°C/+30°C		+12°C/-20°C		
Citimax 280 R134a	2000	-	-	-	1150	-	44	-
Citimax 280 R452a	2700	1525	-	-	1150	2800	44	-
Citimax 350 R452a	3290	1760	-	-	1150	3100	55	-
Citimax 400 R452a	4080	2070	-	-	2000	3550	55	-
Citimax 500 R134a	4400	-	-	-	2200	-	88	-
Citimax 500 R452a	5100	2700	-	-	2200	3600	88	-
Citimax 700 R452a	6260	3160	-	-	2200	4100	97	-



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