



**VECTOR 6500**



*Unmatched reliability, performance and value.  
Vector 6500: nothing conventional about it.*

# PERFORMANCE SPECIFICATIONS

## VECTOR 6500



6500 shown with chrome grille/stainless latch option

### Condenser Dimensions

76.4" x 87.0" x 22.8"  
(1,940 x 2,209 x 579 mm)

### Evaporator Dimensions

66.3" x 45.2" x 8.2"  
(1,684 x 1,149 x 280 mm)

### Body Opening

66.8" x 46.0"  
(1,696 x 1,168 mm)

### Approximate Weight

Vector 6500: 2,020 lb (916 kg)  
Remote 50-gal. aluminum fuel tank: 65 lb (29 kg)  
Battery: 50 lb (23 kg)

### Cooling/Temperature Capacity:

Ambient at 100°F (38°C)  
Speed: 1,800 rpm diesel

Evaporator Return Air Temp	Diesel Operation		Standby Operation	
	Btuh	Watts	Btuh	Watts
35°F ( 2°C)	59,000	17,290	56,000	16,410
0°F (-18°C)	36,000	10,550	36,000	10,550
-20°F (-29°C)	23,000	6,740	23,000	6,740



**DELTEK Technology** is an exclusive hybrid design from Carrier Transicold which combines a diesel engine, generator, and patented electric technology to deliver the highest reliability and lowest life-cycle costs in its class.

**Unmatched reliability.** A cool-only refrigeration system, electric heat, and semi-hermetic compressor are a few of the features that contribute to more up-time.

**Lowest cost of ownership** starts with the elimination of many maintenance items, including alternators, belts, idlers, vibrasorbers, and shaft seals used in conventional units.

**Fuel saving features** such as integrated electric standby offer operational savings up to 70% over conventional diesel units.

### Standard Features Include:

CT4-134DI 4 cyl. diesel engine  
2.2 liter direct-injection  
15 qt. (14.2 liter) oil capacity  
High output 20 kVA generator  
06D semi-hermetic compressor  
41 CFM displacement  
6 cylinders  
Refrigerant R-404A  
DELTEK™ hybrid technology  
Electronic suction modulation  
Electronic expansion valve  
Compressor unloaders  
Automatic Start/Stop fuel saver  
Electric standby  
460V/3PH/60Hz  
Automatic phase reversal  
Durashell 2™ composite doors  
Single latch release  
Stealth™ noise reduction package  
Electric heating and defrost system  
Maintenance-free AC fan motors  
High efficiency Novation™ condenser  
Condenser coil hail/bug guard  
Pressurized coolant system  
TurboAir™ management system  
Advance™ microprocessor  
Datalink™ data recorder  
MessageCenter™ display  
Multi-lingual display  
Advanced pretrip and diagnostics  
PCMCIA card interface



**Eco Driven** delivers environmentally sound solutions that reduce noise, fuel use, and emissions and allow your company to be a good neighbor and corporate citizen.

**Lower emissions** via the most up-to-date, emissions compliant engines. The electric standby feature further reduces emissions and allows for the use of domestic, renewable power sources.

**Lower noise levels** are achieved by eliminating many sources of mechanical noise, such as belts and idlers, and replacing them with quieter AC motors. In addition, every unit has Stealth noise reduction integrated as a standard feature.

**Refrigerant containment.** Vector has roughly 50% fewer braze joints, no compressor shaft seal, and 33% less refrigerant charge than a conventional unit.

### Standard Features continued:

IntelliSet™ with ProductShield™  
DataTrak™ remote communications  
ESI™ (Extended Service Interval) package  
Multi-stage, synthetic media oil filter  
Water separating fuel filter  
Heavy duty, low-noise dry air cleaner  
Extended-life antifreeze  
Screw-post battery terminals  
Remote aluminum fuel tank  
50 gal. single fill – 22"  
Installation package

### Accessories and Options:

Open trailer door indicator and shutdown switch  
Synthetic engine oil  
Evaporator drain line extensions  
Remote LED light bar  
Remote temperature probe  
Stud-post battery terminals  
Unit impact protection bumpers  
Microprocessor impact protection bumper  
Fuel tank level and shutdown sensor  
Chrome grille/stainless latch package  
Custom color paint  
Flush mount remote control panel  
Remote aluminum fuel tanks:  
30 gal. or 50 gal. single fill – 18"  
30 gal. or 75 gal. single fill – 22"  
100 gal. single or double fill – 22"  
120 gal. single or double fill – 22"



**North America**  
Carrier Transicold  
700 Olympic Drive  
Athens, GA 30601 USA  
Tel: 706-357-7223  
Fax: 706-355-5435

**Mexico and Central America**  
Ejercito Nacional No. 418  
Piso 9, Torre Yumal  
Col. Chapultepec Morales  
11570 Mexico, D.F.  
Tel: (5255) 9126-0300  
Fax: (5255) 9126-0383



**Carrier**

A United Technologies Company

Carrier Transicold Division  
Carrier Corporation  
Truck/Trailer Products Group  
P.O. Box 4805  
Syracuse, NY 13221 USA

[www.trucktrailer.carrier.com](http://www.trucktrailer.carrier.com)