



**VECTOR<sup>®</sup>**



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

# PERFORMANCE SPECIFICATIONS

## VECTOR 6500



Vector 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	59,000	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 releas  
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.** The Vector unit 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"

**New Zealand**  
Transcold Group  
38 Oakleigh Avenue  
Takanini, Auckland  
Ph: (09) 269 0660  
Fax: (09) 269 0661

**Perth**  
TRACS  
3 Tipping Road  
Kewdale WA 6105  
Ph: (08) 9353 4544  
Fax: (08) 9353 4467

**Adelaide**  
RTS Refrigeration  
17 Streiff Road  
Wingfield SA 5013  
Ph: (08) 8262 6535  
Fax: (08) 8349 5166

**Melbourne**  
Carrier Transicold  
58 Calarco Drive  
Derrimut VIC 3030  
Ph: (03) 8353 6100  
Fax: (03) 8353 6140

**Brisbane**  
Carrier Transicold  
57 Grindle Road  
Rocklea QLD 4106  
Ph: (07) 3276 7433  
Fax: (07) 3272 9500

**Sydney**  
Carrier Transicold  
3 - 5 Hill Road  
Homebush Bay NSW 2141  
Ph: (02) 9648 6100  
Fax: (02) 9648 6101



**Carrier**

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**Carrier Transicold Australia**  
National Sales: 1300 130 276  
24hr Service: 1800 448 166

