



VECTOR HE 19

**Domestic Intermodal
Refrigeration System**



**HIGH-EFFICIENCY TRANSPORT REFRIGERATION
SYSTEM WITH A SPACE-SAVING DESIGN**

VECTOR HE 19

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Condenser Dimensions

80.8" x 88.4" x 17.1"
(2,052 x 2,246 x 435 mm)

Evaporator Dimensions

66.1" x 45.3" x 3.99"
(1,680 x 1,151 x 100 mm)

Body Opening

66.9" x 46.0"
(1,700 x 1,170 mm)

Approximate Weight

1,775 lb. (805 kg)
including electric standby
Battery (not supplied): 50 lb. (23 kg)

Cooling Capacity

Ambient at 100°F (38°C)

Evaporator Return Air Temp.	High Speed Diesel or Electric Standby Operation	
	BTU/hr	Watts
35°F (2°C)	55,500	16,250
0°F (-18°C)	35,000	10,250
-20°F (-29°C)	22,000	6,500

Evaporator Airflow

Applied system performance: 3,250 cfm
(5,550 m³/hr)

PERFORMANCE SPECIFICATIONS

Thin and trim. A highly efficient transport refrigeration system that fits within a trim envelope and maximizes usable cargo area for more efficient operations.

E-Drive™ technology. A hallmark of the Carrier® Transicold® Vector™ platform. Our hybrid design combines a diesel engine, direct-driven generator and electric refrigeration to deliver the best-in-class reliability for unattended operation.

High-performance cooling capacity. Delivers over 15% more deep frozen cooling capacity than competing models.

APX™ Control System. Powered by the latest operating system that combines remarkable control intelligence, temperature control and system reliability with amazingly simple operation.

Nationwide support network. More than 180 Carrier Transicold authorized dealers available throughout North America with experience and expertise to provide safe, reliable service wherever needed.

Carrier Transicold Rail Warranty.* Includes travel time and repair setup for on-site assistance.

Standard Features Include:

Tier 4 final V2203 diesel engine
4 cylinder 1,800RPM, 24.7 HP
14.6 qt. (13.8 liter) oil capacity
Direct driven high output 21 kVA generator
40 amp battery charger
ESI™ (Extended Service Interval) package
3,000-hour service interval
Multistage, synthetic media oil filter
Water separating fuel filter
Heavy duty, low noise dry air cleaner
Extended life coolant
Fully hermetic electric scroll compressor
Refrigerant R-452A, 12 lbs. (5.5 kg)
TRU-DEMAND™ high energy efficiency
Electronic expansion valve
Compressor economizer system
Electronic suction modulation
Braze plate heat exchanger
Automatic start/stop fuel saver
Electric heating and defrost system
High-efficiency microchannel condenser
Maintenance-free condenser and evaporator fan motors
Lynx Fleet™ telematics platform providing TRU IQ for your fleet

Standard Features (continued):

APX Control System
IntelliSet™ and ProductShield™
Data recorder
Information dashboard
Multilingual graphical display
Pretrip and Virtual Tech™ diagnostics
Integrated USB port
Electric standby
460V/3-phase/60Hz
Automatic phase reversal
Composite doors with single-latch release
Installation package
Intermodal side exhaust

Accessories and Options:

Solar panels for battery charging
Open container door indicator and shutdown switches
Remote temperature probes
Fuel tank level and shutdown sensor

Specifications are subject to change without notice.

*Warranty: Product warranty and limitations are outlined in Form 62-12151.

This warranty applicable only in North America. Consult your Carrier Transicold representative for warranty coverage elsewhere. Form 62-12150 Rev B.

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