



Domestic Intermodal Refrigeration System

VECTOR HE 19



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

Domestic Intermodal Refrigeration System

PERFORMANCE SPECIFICATIONS



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)

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
 - Brazed plate heat exchanger
 - Automatic start/stop fuel saver
- Electric heating and defrost system
- High-efficiency microchannel condenser
- Maintenance-free condenser and evaporator fan motors
- APX Control System
 - IntelliSet™ and ProductShield™
 - Data recorder
 - Information dashboard
 - Multilingual graphical display
 - Pretrip and Virtual Tech™ diagnostics
 - Integrated USB port

Standard Features (continued):

- Electric standby
 - 460V/3-phase/60Hz
 - Automatic phase reversal
- Composite doors with single-latch release
- Installation package
- Intermodal side exhaust

Accessories and Options:

- eSolutions™ telematics system
 - providing TRU IQ for your fleet
- 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.

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