



Domestic Intermodal Refrigeration System



**RELIABLE ELECTRIC REFRIGERATION SYSTEM
WITH A CARGO-MAXIMIZING THIN PROFILE**



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PERFORMANCE SPECIFICATIONS



Condenser Dimensions

80.7" x 87.7" x 16.9"
(2,050 x 2,227 x 430 mm)

Evaporator Dimensions

66.1" x 45.3" x 3.7"
(1,680 x 1,150 x 94 mm)

Body Opening

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

Approximate Weight

1,550 lb. (703 kg)
including electric standby

Battery: 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)	49,000	14,360
0°F (-18°C)	28,000	8,205
-20°F (-29°C)	18,000	5,275

Evaporator Airflow

Applied system performance: 3,350 cfm
(5,691 m³/hr)

Optimized for intermodal. The Vector™ 1550 domestic intermodal refrigeration system offers a thin profile, enabling an additional row of pallets and up to 7% greater cargo capacity.

E-Drive™ technology. A platform proven and refined for more than a decade, our hybrid design combines a diesel engine, direct-driven generator and electric refrigeration technology to deliver the highest reliability and lowest life cycle cost in its class.

Low cost of ownership. By eliminating most moving parts, we've reduced maintenance requirements, offering unprecedented reliability and uptime.

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 Standard Warranty. Includes travel time and repair setup for on-site assistance.

Standard Features Include:

- Tier 4 final V1505 diesel engine
 - 4 cylinder 1,850 RPM high speed, 22.1 HP
 - 13.7 qt. (13 liter) oil capacity
- Direct driven high output 14 kVA generator
- 20 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-404A, 11 lbs. (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 fan motors
- Advance™ Control System
 - IntelliSet™ with ProductShield™
 - DataLink™ data recorder
 - Multilingual graphical display
 - Pretrip diagnostics
 - DataTrak™ remote communications

Standard Features (continued):

- Electric standby
 - 460V/3-phase/60Hz
 - Automatic phase reversal
- Composite doors with single-latch release
- Installation package
- Screw post battery terminal adapters
- Remote light bar
- Intermodal side exhaust
- Door lock

Accessories and Options:

- eSolutions™ telematics system
 - providing TRU IQ for your fleet
- Solar panels for battery charging
- Open trailer 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 62-12117.
This warranty applicable only in North America. Consult your Carrier Transicold representative for warranty coverage elsewhere. Form 62-12127.

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