



Domestic Intermodal Refrigeration System



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



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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)	50,000	14,655
0°F (-18°C)	29,000	8,500
-20°F (-29°C)	18,500	5,425

Evaporator Airflow

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

PERFORMANCE SPECIFICATIONS

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
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, 11 lbs. (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 fan motors
Lynx Fleet™ telematics platform
providing TRU IQ for your fleet

Standard Features (continued):

Advance™ Control System
IntelliSet™ with ProductShield™
DataLink™ data recorder
Multilingual graphical display
Pretrip diagnostics
DataTrak™ remote communications
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:

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. Rev B

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