

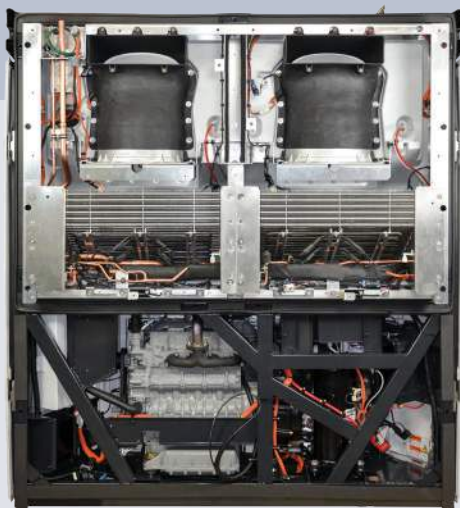


**VECTOR**<sup>™</sup>  
**88IIMT**

Multi-Temperature Trailer Refrigeration Unit



**INNOVATIVE DUAL-EVAPORATOR SYSTEM  
WITH PREMIUM PERFORMANCE CAPABILITIES.**



Rear view without back panel.

### Condenser Dimensions

76.4" x 85.7" x 22.8"  
(1,940 x 2,176 x 579 mm)

### Evaporator Dimensions

66.3" x 45.2" x 8.2"  
(1,684 x 1,149 x 208 mm)

### Body Opening

66.8" x 46.0"  
(1,696 x 1,168 mm)

### Approximate Weight

1,925 lb. (873 kg) including standard electric standby  
Remote 50 gal. aluminum fuel tank with mounting brackets: 65 lb. (29 kg)  
Battery: 50 lb. (23 kg)

Evaporator Return Air Temp.	High Speed Diesel or Electric Standby Operation	
	BTU/hr	Watts
35°F ( 2°C)	53,000	15,533
0°F (-18°C)	31,000	9,085
-20°F (-29°C)	21,000	6,154

### Cooling Capacity

Ambient at 100°F (38°C)  
High Speed: 1,800 RPM

### Evaporator Airflow

Applied system performance:  
2,800 cfm (4,757 m³/hr)

Remote evaporator may be added for three compartment configurations. See dealer for details.

**Innovative dual-evaporator design.** Designed for trailers divided lengthwise with a center dividing wall, the unit creates two refrigerated compartments without requiring a remote evaporator.

**Optimum flexibility.** Unlike competitive systems, it provides 15 inches of center wall placement flexibility for more efficient pallet accommodation and up to 17% more cargo.

**E-Drive<sup>TM</sup> technology.** Innovative hybrid design uses a new smart engine to drive the generator powering its all-electric refrigeration system, resulting in better fuel economy and performance.

**Enhanced compliance.** Surpasses EPA Tier 4, and lifetime compliant with California Air Resources Board (CARB) emissions requirements without the need for future exhaust systems.

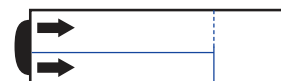
**Streamlined design.** Eliminates check and solenoid valves resulting in fewer braze joints than competitive models. Other system advantages include independent air control, damperless defrost and consistent all-electric heating.

**High efficiency.** Delivers high airflow, fast pulldown and low fuel consumption.

**A)** Two equal temperature compartments.



**B)** Flexible center wall placement and optional three-compartment arrangement (dry, or cooled via remote evaporator).



### Standard Features Include:

EPA Tier 4 Final V2403L smart diesel engine  
4 cylinder 2.4 liter direct injection  
24.4 HP (18.2kW) at 1,800 RPM high-speed  
CAN bus electronic interface  
15 qt. (14.2 liter) oil capacity  
Direct-driven high-output 21 kVA generator  
High power 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, 16 lb. (7.2 kg)  
TRU-DEMAND<sup>TM</sup> energy management logic:  
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 AC fan motors  
Vortex suppression fans  
Lynx Fleet<sup>TM</sup> telematics platform for remote monitoring and control  
APX<sup>TM</sup> control system  
IntelliSet<sup>TM</sup> and ProductShield<sup>TM</sup>  
Data Recorder  
Information dashboard  
Multilingual graphical display  
Pretrip and Virtual Tech<sup>TM</sup> diagnostics  
Integrated USB port

### Standard Features (continued):

Full Bottom Panel  
Electric standby  
460VAC/3PH/60Hz  
Automatic phase reversal  
Premium ECR coolant hoses  
Composite doors with single-latch release  
Stealth<sup>TM</sup>2 noise reduction package  
Installation package  
Screw post battery terminals  
Remote aluminum fuel tank  
50 gal. single fill, 22"  
Remote light bar

### Accessories and Options:

Open trailer door indicator and shutdown switches  
27W TRU-Mount Solar Charging System  
Fuel heater  
Evaporator drain line extensions  
Remote temperature probes  
Upper/Lower/Intermodal bumper packages  
40 amp auxiliary-load battery charger  
APX Remote Control Panel  
Remote evaporator supply air sensor (display only)  
Flex Power<sup>TM</sup> dual 230/460VAC standby  
Fuel tank level and shutdown sensor  
Chrome grille/stainless latch package  
Custom color paint  
Remote aluminum fuel tanks:  
30 gal. or 75 gal. single fill, 22"  
100 gal. single or double fill, 22"  
120 gal. single or double fill, 22"

Specifications are subject to change without notice.  
Warranty: Product warranty and limitations are outlined in Form 62-11709.  
This warranty is applicable only in North America. Consult your Carrier Transicold representative for warranty coverage elsewhere. Form 62-12246.

**North America**  
Carrier Transicold  
700 Olympic Drive  
Athens, GA 30601 USA

**Central America and Mexico**  
Carrier Transicold  
Ejército Nacional 253-A Piso 5  
Cotonia Anahuac  
11320 Mexico D.F.



[www.carrier.com/ecoforward](http://www.carrier.com/ecoforward)



[www.trucktrailer.carrier.com](http://www.trucktrailer.carrier.com)