

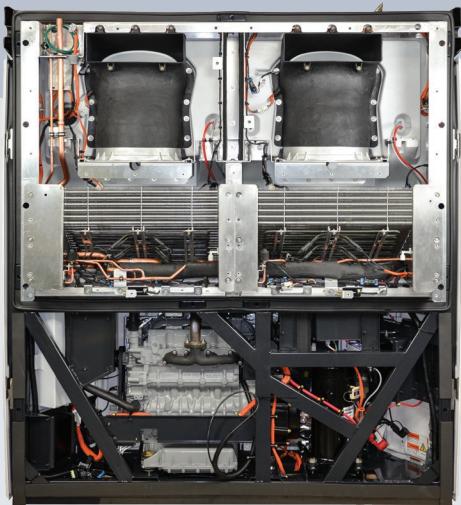


VECTOR™
88II MT

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™ 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™ energy management logic:
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 AC fan motors
Vortex suppression fans
Lynx Fleet™ telematics platform for remote monitoring and control
APX™ control system
IntelliSet™ and ProductShield™
Data Recorder
Information dashboard
Multilingual graphical display
Pretrip and Virtual Tech™ 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™ 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™ 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.

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