



VECTORTM 8800MT

Multi-Temperature Trailer Refrigeration Unit



**ALL-ELECTRIC REFRIGERATION SYSTEM
OFFERING CONFIGURATION VERSATILITY
AND PREMIUM PERFORMANCE.**

VECTOR[™] 8800MT

PERFORMANCE SPECIFICATIONS



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

1,820 lb. (825 kg) including electric standby
Remote 50 gallon aluminum fuel tank with
mounting brackets: 65 lb. (29 kg)
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)	58,000	16,998
0°F (-18°C)	33,500	9,818
-20°F (-29°C)	22,000	6,594

Evaporator Airflow

Applied system performance:
3,100 cfm (5,270 m³/hr)

Remote Evaporator Specifications

Remote Evaporator	Airflow (cfm)	Weight (lb/kg)
Half-width, dual air discharge	1,350	129 (58)
Full-width, dual air discharge	2,470	239 (108)
Half-width, single air discharge	1,200	115 (52)
Full-width, single air discharge	2,350	220 (100)

E-Drive™ technology. Uses a new smart engine to drive the generator that powers its all-electric, multi-zone 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.

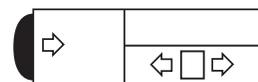
Ultra-high efficiency. Delivers high airflow and fast pulldown using 10% less fuel than its standard counterpart, thanks to its three-speed engine with common-rail fuel injection.

Configuration versatility. Four smart remote evaporator choices provide flexibility in configuring two- and three-compartment trailers.

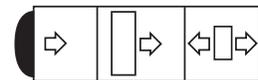
Standard Features Include:

- Tier 4 Final V2403 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, 18 lb. (8.2 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 AC fan motors
- Vortex suppression fans
- Lynx Fleet™ telematics platform
- Providing TRU IQ for your fleet
- APX™ Control System
- IntelliSet™ with ProductShield™
- DataLink™ data recorder
- Information dashboard
- Multilingual graphical display
- Pretrip and Virtual Tech diagnostics
- Integrated USB port
- Electric standby
- 460VAC/30/60Hz
- Automatic phase reversal
- TurboAir™ evaporator management
- Premium ECR hoses
- Composite doors with single latch release
- Stealth™ 2 noise reduction installation package
- Screw post battery terminals
- Remote aluminum fuel tank
- 50 gal. single fill, 22"
- Remote light bar

Two Compartment (examples)



Three Compartment (examples)



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 230V/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 Transcold representative for warranty coverage elsewhere. Form 62-12245.

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