



VECTOR[™] **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.

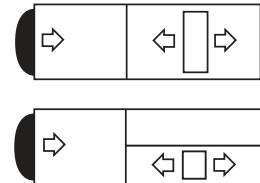
Ultra-high efficiency. Delivers high airflow and fast pulldown using 10% less fuel than its standard counterpart, thanks to its three-speed engine with common-rail fuel injection.

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

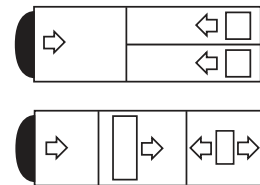
Standard Features Include:

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
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™ 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.

North America
Carrier Transcold
700 Olympic Drive
Athens, GA 30601 USA

Central America and Mexico
Carrier Transcold
Ejercito Nacional 253-A Piso 5
Colonia Anahuac
11320 Mexico D.F.



www.carrier.com/ecoforward



www.trucktrailer.carrier.com