



VECTOR **8600MT**

Multi-Temperature Trailer Refrigeration Unit



**IMPROVE OPERATIONAL EFFICIENCIES AND
YOUR BOTTOM LINE WITH ALL-ELECTRIC
MULTI-TEMPERATURE CAPABILITY.**

VECTOR 8600MT

PERFORMANCE SPECIFICATIONS



Model 8600MT shown with chrome grille/stainless latch option.

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. Carrier's innovative hybrid design combines a diesel engine and direct-driven generator to deliver high reliability and low lifecycle cost.

Configuration Versatility. Four smart remote evaporator choices add flexibility in configuring two- and three-compartment trailers. Advanced features, including simplified wiring, an integral control module and electronic expansion valves, result in more precise temperature control, better recovery after door openings, higher reliability and lower fuel consumption.

Lower cost of ownership. By eliminating most moving parts, we've reduced maintenance requirements, optimizing reliability and uptime.

Standard Features Include:

Tier 4 Final V2203L smart diesel engine
4 cylinder 2.2 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™

Information dashboard

Multilingual graphical display

Pretrip and Virtual Tech diagnostics

Integrated USB port

Electric standby

460V/3ph/60Hz

Automatic phase reversal

TurboAir™ evaporator management

Composite doors with single latch release

Stealth™ 2 noise reduction installation package

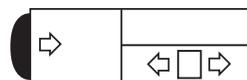
Screw post battery terminals

Remote aluminum fuel tank

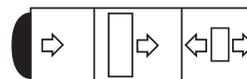
50 gal. single fill, 22"

Remote light bar

Two Compartment (examples)



Three Compartment (examples)



Accessories and Options:

Open trailer door indicator and shutdown switches

Fuel heater

Evaporator drain line extensions

Premium ECR hoses

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

Extra heavy-duty fuel filter w/ fuel heater

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 62-12168 Rev. C.

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