



**VECTOR**  
8600MT



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 280 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)	60,000	17,585
0°F (-18°C)	35,000	10,260
-20°F (-29°C)	24,000	7,035

### 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.** This patented hybrid design from Carrier combines a diesel engine, direct driven generator and patented electric technology to deliver the highest reliability and lowest life cycle cost in its class.

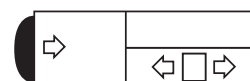
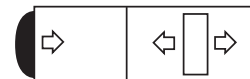
**Smart remote evaporators.** For refrigerating additional trailer compartments, one or two of our smart remote evaporators may be added. Advanced features, including simplified wiring, integral control module and electronic expansion valves result in more precise temperature control, better recovery after door openings, higher reliability, and lower fuel consumption.

**Lowest cost of ownership.** By eliminating most moving parts, we've reduced maintenance requirements, offering unprecedented reliability and uptime.

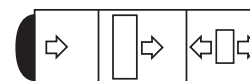
### Standard Features Include:

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-404A, 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  
APX® Control System  
IntelliSet™ with ProductShield™  
DataLink™ data recorder  
Information dashboard  
Multilingual graphical display  
Pretrip and Virtual Tech diagnostics  
Integrated USB port  
DataTrak™ remote communications  
Electric standby  
460VAC/3ø/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:

eSolutions™ telematics system  
Providing TRU IQ for your fleet  
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 230/460 VAC standby  
Extra heavy-duty (DAVCO) fuel filter w/ fuel heater  
Fuel tank level and shutdown sensor  
Chrome grille/stainless latch package  
Custom color paint  
Engine Emissions System (EES)  
Refrigerant R-452A, 18 lb. (8.2kg)  
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 62-12168.

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