



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.

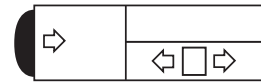
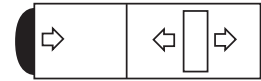
Smart remote evaporators. For refrigerating additional trailer compartments, one or two of our smart remote evaporators may be added. Advanced features, including simplified wiring, integral control module and electronic expansion valves result in more precise temperature control, better recovery after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

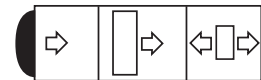
Standard Features Include:

- 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
 - 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
- 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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