



VECTOR[™] **8611MT**



Innovative, versatile design creates two temperature compartments to divide and conquer refrigerated hauls.



Rear view without back panel.

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

1,925 lb. (873 kg) including standard electric standby
Remote 50 gal. aluminum fuel tank with mounting brackets: 65 lb. (29 kg)
Battery: 50 lb. (23 kg)

Evaporator Return Air Temp.	High Speed Diesel or Electric Standby Operation	
	BTU/hr	Watts
35°F (2°C)	55,000	16,119
0°F (-18°C)	32,000	9,378
-20°F (-29°C)	22,000	6,448

Cooling Capacity

Ambient at 100°F (38°C)
High Speed: 1,800 RPM

Evaporator Airflow

Applied system performance:
2,800 cfm (4,757 m³/hr)

Remote evaporator may be added for three compartment configurations. See dealer for details.

A) Two equal temperature compartments.



B) Flexible center wall placement and optional three-compartment arrangement (dry, or cooled via remote evaporator).



The Vector™ 8611MT. Based upon the high performance Vector platform, the Vector 8611MT incorporates two evaporators into the main unit, enabling the trailer to be split into a center divide configuration without a remote evaporator.

Streamlined design. Eliminates check and solenoid valves resulting in fewer braze joints than competitive models. Other system advantages include independent air control, damperless defrost and consistent all-electric heating.

Ultra high efficiency. Delivers high airflow, fast pulldown and low fuel consumption.

Optimum flexibility. Rather than splitting the trailer into two virtually identical widths, the Vector 8611MT uniquely provides 15-inches of side-to-side center wall placement flexibility, enabling more efficient accommodation of pallets and up to 17 percent more cargo.

Standard Features Include:

- EPA 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, 16 lb. (7.2 kg)
- TRU-DEMAND™ energy management logic:
 - 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™ and ProductShield™
- Data Recorder
- Information dashboard
- Multilingual graphical display
- Pretrip and Virtual Tech™ diagnostics
- Integrated USB port
- DataTrak™ remote communications
- Full Bottom Panel
- Electric standby

Standard Features (continued):

- 460VAC/3PH/60Hz
- Automatic phase reversal
- Composite doors with single-latch release
- Stealth™2 noise reduction package
- Installation package
- Screw post battery terminals
- Remote aluminum fuel tank
- 50 gal. single fill, 22"
- Remote light bar

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 coolant 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 230/460VAC 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, 16 lb. (7.2 kg)
- 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 62-12097 Rev C.

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