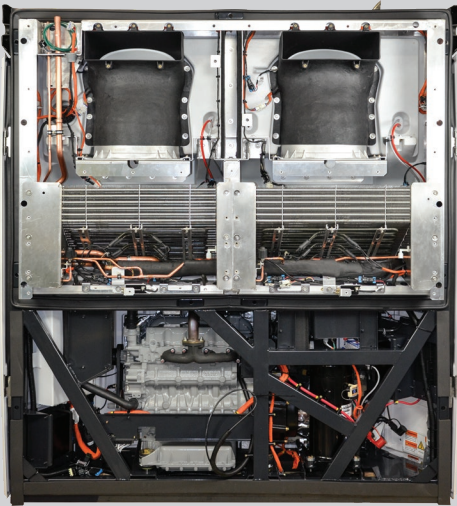




# VECTOR<sup>™</sup> 8611MT



**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

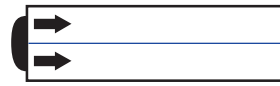
Ambient at 100°F (38°C)  
High Speed: 1,800 RPM

### Evaporator Airflow

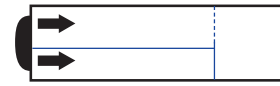
Applied system performance:  
2,800 cfm (4,757 m<sup>3</sup>/hr)

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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