



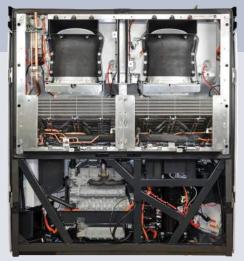
Multi-Temperature Trailer Refrigeration Unit



INNOVATIVE DESIGN CREATES TWO TEMPERATURE COMPARTMENTS TO DIVIDE AND CONQUER REFRIGERATED HAULS.



PERFORMANCE SPECIFICATIONS



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 208 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	High Speed Diesel or	
Return	Electric Standby Operation	
Air Temp.	BTU/hr	Watts
35°F (2°C)	53,000	15,533
0°F (-18°C)	31,000	9,085
-20°F (-29°C)	21,000	6,154

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. Innovative dual-evaporator design. Designed for trailers split lengthwise with a center dividing wall, the unit creates two refrigerated compartments without requiring a remote evaporator.

Optimum flexibility. Unlike competitive systems, it provides 15 inches of center wall placement flexibility for more efficient pallet accommodation and up to 17 percent more cargo.

E-Drive™ technology. All-electric refrigeration system lets unit independently manage both zones more efficiently than mechanically interconnected competitive dual-discharge systems.

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.

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

A) Two equal temperature compartments.



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

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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-452A, 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

Lynx Fleet[™] telematics platform for remote monitoring and control

APX[™] control system

IntelliSet[™] and ProductShield[™] Information dashboard Multilingual graphical display Pretrip and Virtual Tech™ diagnostics Integrated USB port

Standard Features (continued):

Full Bottom Panel Electric standby 460V/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: 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 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 62-12097 Rev E.

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