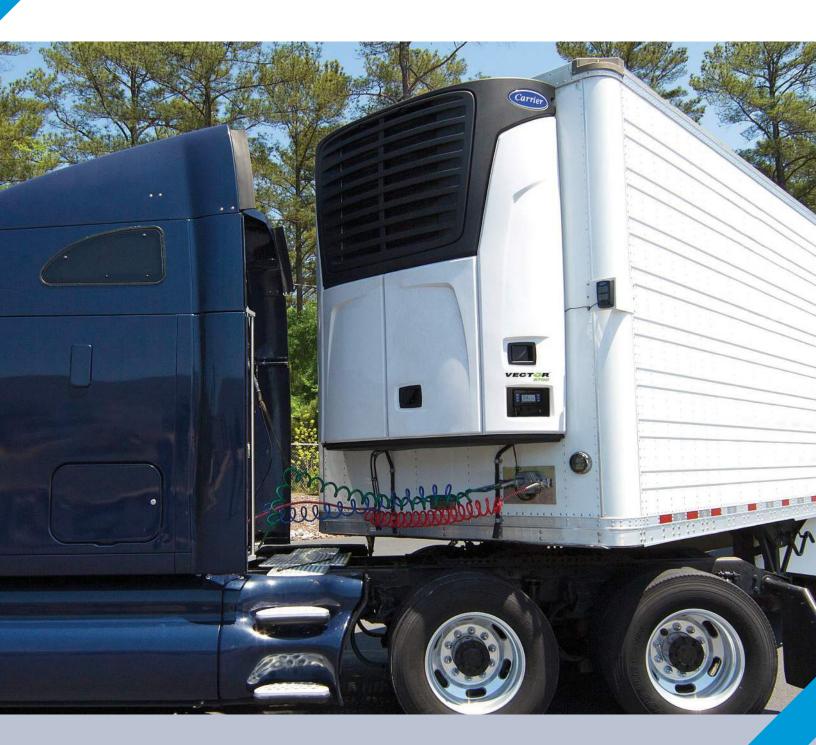




Single-Temperature Trailer Refrigeration Unit



PREMIUM PERFORMANCE FOR GREATER
FUEL EFFICIENCY AND SUSTAINABILITY
IN AN ALL-ELECTRIC REFRIGERATION SYSTEM.



PERFORMANCE SPECIFICATIONS



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 Weights

1,810 lb. (820 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 Operation or Electric Standby Operation	
	BTU/hr	Watts
35°F (2°C) 0°F (-18°C) -20°F (-29°C)	58,000 33,500 22,000	16,998 9,818 6,594

Evaporator Airflow

Applied system performance: 3,100 cfm (5,270 m3/hr)

E-Drive" **technology.** Innovative hybrid design uses a new smart engine to drive the generator powering its all-electric refrigeration system, resulting in better fuel economy and performance.

Enhanced compliance. Reduced emissions that surpass EPA Tier 4, and lifetime compliant with California Air Resources Board (CARB) requirements without the need for future exhaust systems. Sustainability enhanced with R-452A, a lower global warming potential refrigerant.

Ultra-high efficiency. Provides 10% greater fuel efficiency than its standard counterpart, thanks to its three-speed engine with common-rail fuel injection.

Reduced maintenance and exceptional reliability. Fewer moving parts, which reduces maintenance requirements, optimizing reliability and uptime.

Intelligent operation. A unique ability to turn components on when needed and off when not.

Built-in electric standby. Cuts fuel consumption, noise, emissions and operating costs when the unit is stationary and plugged into a power source.

Standard Features Include:

Tier 4 Final V2403L smart diesel engine 4 cylinder 2.4 liter direct-injection 24.4 HP (18.5kW) at 1,800 RPM high speed CAN bus electronic interface 15 gt. (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, 14 lbs (6.3 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 V-Force[™] vortex suppression fans Lynx Fleet[™] telematics platform for

APX® Control System
IntelliSet® with ProductShield®
DataLink® data recorder
Information dashboard
Multilingual graphical display
Pretrip and Virtual Tech diagnostics
Integrated USB port

remote monitoring and control

Standard Features (continued):

Electric standby
460V/30/60Hz
Automatic phase reversal
TurboAir™ evaporator management
Premium ECR hoses
Composite doors
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:

Flex Power[™] dual voltage standby Open trailer door indicator and shutdown switches 27W TRU-Mount Solar Charging System Fuel heater Evaporator drain line extensions APX Remote Control Panel Remote temperature probes Unit impact protection bumpers 40 amp auxiliary load battery charger Fuel tank level and shutdown sensor Chrome grille/stainless latch package Custom color paint AutoFresh™ air exchange 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 62-11671.

This warranty is applicable only in North America. Consult your Carrier Transicold representative for warranty coverage elsewhere. Form 62-12244

North America

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