

2013 Tier 4
Compliant



Rail Edition



Protects your cargo across
the country, around the clock.

PERFORMANCE SPECIFICATIONS

X⁴™ Rail Edition



The 7500R unit shown with chrome grille/stainless latch option.

Condenser Dimensions

76.4" x 87.0" x 22.8"
(1,940 x 2,209 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)

Evaporator Airflow

Applied system performance:
3050 cfm (5,180 m³/hr)

X⁴™ 7300R

Approximate Weight

1690 lb (767 kg)
Battery: 50 lb (23 kg)

Cooling/Temperature Capacity:

Ambient at 100°F (38°C)
Speed: 1,800 rpm diesel

Evaporator Return Air Temp	Diesel Operation	
	Btuh	Watts
35°F (2°C)	66,000	19,340
0°F (-18°C)	35,000	10,255
-20°F (-29°C)	23,000	6,740

Refrigerant R-404A, 16 lb (7.3 kg)

X⁴™ 7500R

Approximate Weight

1695 lb (770 kg)
Battery: 50 lb (23 kg)

Cooling/Temperature Capacity:

Ambient at 100°F (38°C)
Speed: 1,800 rpm diesel

Evaporator Return Air Temp	Diesel Operation	
	Btuh	Watts
35°F (2°C)	68,000	19,925
0°F (-18°C)	37,000	10,840
-20°F (-29°C)	25,000	7,325

Refrigerant R-404A, 16.5 lb (7.5 kg)

The X⁴™ Rail Edition. Built upon the proven X²™ Rail Edition, the X⁴ Rail Edition sets the bar even higher as the new industry standard for refrigeration performance and efficiency.

Ultra high efficiency provides lower cost of ownership. The practical design and innovative engineering results in lower fuel consumption, reduced engine runtime and lower maintenance costs.

Engineered for durability and tested to withstand the rigors of intermodal and rail duty.

Standard Features Include:

- Tier 4 Final V2203L smart diesel engine
- 4 cylinder 2.2 liter direct-injection
- 24.8 hp (18.5kw) at 1,800 rpm high speed
- CAN-bus electronic interface
- 15 qt. (14.2 liter) oil capacity
- High-power 70-amp alternator
- 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
- 05G-41CFM compressor
- 40 in³ displacement
- 6 cylinders
- UltraFresh 3™ temperature control
- TRU-Demand™ high energy efficiency
- Electronic expansion valve
- Electronic suction modulation
- Compressor unloaders
- Brazed plate heat exchanger
- Automatic start/stop fuel saver
- Automatic hot gas heating system
- APX™ Control System
- IntelliSet™ with ProductShield™
- DataLink™ data recorder
- Information dashboard
- Multilingual graphical display
- Pretrip and Virtual Tech diagnostics
- Integrated USB port

Ultra high capacity. The X⁴™ Rail Edition provides fast pulldown and precise temperature control.

Nationwide support network of strategically located dealers with the experience and expertise to provide safe and reliable service.

APX™ Control System. The modular system enables future expansion capability combined with remarkable control intelligence, system reliability and temperature control via the intuitive, yet powerful, interface.

RailCare™ Warranty includes travel time and repair setup for on-site assistance.

Standard Features continued:

- High efficiency microchannel condenser
- V-Force™ vortex suppression fan
- Condenser coil hail/bug guard
- TurboAir™ evaporator management
- Durashell™ 2 composite doors
- Single latch release
- Installation package
- Screw-post battery terminals
- Premium ECR hoses
- Extra-heavy-duty suction side fuel filter
- Anti-theft battery bracket
- DataTrak™ remote communications

Accessories and Options:

- Open trailer door indicator and shutdown switches
- Fuel heater
- Evaporator drain line extensions
- Remote temperature probes
- Stealth™ 2 noise reduction package
- Unit impact protection bumpers
- Microprocessor impact protection bumper
- High-power 105-amp alternator
- Fuel tank level and shutdown sensor
- Door locks
- Chrome grille/stainless latch package
- Custom color paint
- AutoFresh™ air exchange
- Remote aluminum fuel tanks:
 - 30, 50 or 75 gal. single fill – 22"
 - 100 or 120 gal. single or double fill – 22"

APX™
CONTROL SYSTEM

Specifications are subject to change without notice.

Warranty: Product warranty and limitations are outlined in Form 62-11670.

This warranty applicable only in North America. Consult your Carrier Transcold representative for warranty coverage elsewhere. Form 62-11837 Rev A.

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