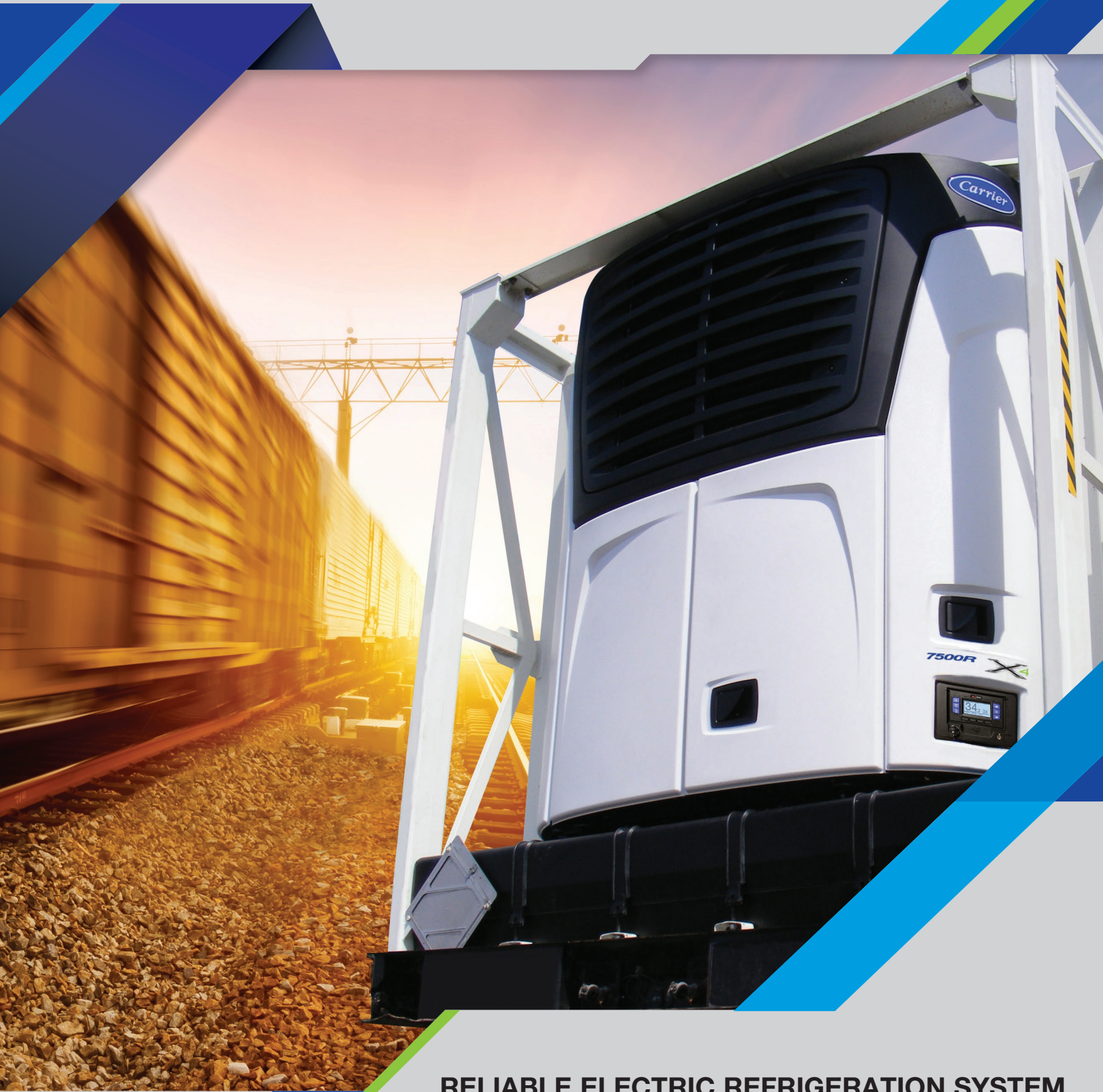




**Rail Edition**



**RELIABLE ELECTRIC REFRIGERATION SYSTEM  
WITH A CARGO-MAXIMIZING THIN PROFILE**



# Rail Edition

## PERFORMANCE SPECIFICATIONS



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 208 mm)

### Body Opening

66.8" x 46.0"  
(1,696 x 1,168 mm)

### Evaporator Airflow

Applied system performance:  
3050 cfm (5,180 m<sup>3</sup>/hr)



### Approximate Weight

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

### Cooling/Temperature Capacity:

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

Evaporator Return Air Temp.	Diesel Operation	
	BTU/hr	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)

### Approximate Weight

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

### Cooling/Temperature Capacity:

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

Evaporator Return Air Temp.	Diesel Operation	
	BTU/hr	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.

**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 Include:

- 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
- 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 in<sup>3</sup> 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

### Standard Features (continued):

- High efficiency microchannel condenser
- Vortex suppression fan
- TurboAir™ evaporator management
- 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
- High-power 105-amp alternator
- Fuel tank level and shutdown sensor
- 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"



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 D.

**North America**  
Carrier Transcold  
700 Olympic Drive  
Athens, GA 30601 USA

**Central America and Mexico**  
Carrier Transcold  
Ejercito Nacional 253-A Piso 5  
Colonia Anahuac  
11320 Mexico D.F.

