



X⁴™ 7500

**The new industry standard for high performance
and exceptional temperature control.**



PERFORMANCE SPECIFICATIONS



Model 7500 shown with chrome grille/stainless latch option.

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

1,690 lb. (767 kg)
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	
	BTU/hr	Watts
35°F (2°C)	68,000	19,930
0°F (-18°C)	37,000	10,845
-20°F (-29°C)	25,000	7,330

Evaporator Airflow

Applied system performance:
3,050 cfm (5,180 m³/hr)

The X4™ Series. Built upon the proven X2™ platform, the X4 7500 unit sets the bar even higher as the new industry standard for refrigeration performance and efficiency.

Ultra high capacity. The model 7500 establishes the benchmark for extreme performance. It delivers fast pulldown, precise temperature control and peace of mind for the most demanding applications.

Ultra high efficiency. EcoFORWARD™ technologies deliver significant fuel savings as well as higher performance, lower operating costs and compliance with 2013 EPA emissions regulations.

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
Refrigerant R-404A, 16.5 lb (7.5 kg)
UltraFresh 3™ temperature control
TRU-Demand™ high energy efficiency
Electronic expansion valve
Electronic suction modulation
Compressor unloaders
Braze 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

Proven reliability. The enhanced platform now includes proven high efficiency components from our Vector™ series and an industry-leading warranty for dependability and peace of mind.

APX™ control system. The modular APX system combines remarkable control intelligence, temperature control and system reliability with amazingly simple operation.

Lower cost of ownership. Combining innovative engineering with a straightforward, practical design means less fuel consumption, reduced engine run hours, and lower maintenance costs.

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
Remote aluminum fuel tank
50-gal. single fill – 22"
Remote light bar
Full bottom panel

Accessories and Options:

DataTrak™ remote communications
Open trailer door indicator and shutdown switches
Fuel heater
Evaporator drain line extensions
Premium ECR hoses
Remote temperature probes
Stealth™ 2 noise reduction package
Unit impact protection bumpers
Microprocessor impact protection bumper
High-power 105-amp alternator
Extra-heavy-duty suction side fuel filter
Fuel tank level and shutdown sensor
Door locks
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 62-11669.

This warranty applicable only in North America. Consult your Carrier Transcold representative for warranty coverage elsewhere. Form 62-11662 Rev. F.

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