

2013 Tier 4
Compliant



X⁴™ 7500

United Technologies

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



PERFORMANCE SPECIFICATIONS

X4™ 7500



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

1,620 lb. (735 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	
	Btuh	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, lighter weight, 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
- O5G-41CFM compressor
- 40 in³ displacement
- 6 cylinders
- Refrigerant R-404A, 16 lbs (7.2 kg)
- 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

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"

Accessories and Options:

- DataTrak™ remote communications
- Open trailer door indicator and shutdown switches
- Fuel heater
- Evaporator drain line extensions
- Premium ECR hoses
- Remote light bar
- 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
- Full bottom panel
- 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"

APX™
CONTROL SYSTEM



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. B.

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