

Lifetime CARB Compliance!

X⁴ 7700

Premium Performance Unit

Even Smarter Thinking



Carrier
TRANSICOLD

Maximum Efficiency and Capacity. Greater Sustainability.

Meet the X4™ 7700, the newest member of our legendary X4 family of single-temperature trailer refrigeration units. The innovative X4 7700 builds on the platform's long-standing reputation for high-capacity performance, rugged design and simply smarter engineering.





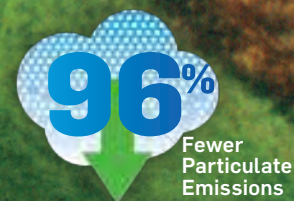
Better Fuel Efficiency

This advanced X4 model features a three-speed smart engine with common-rail fuel injection that delivers up to 10% more fuel efficiency – important, considering today's uncertain fuel costs.



More Sustainable

Improved efficiency, coupled with a 96% reduction in particulate emissions, makes the X4 7700 unit the greenest in the X4 series.



Enhanced Regulatory Compliance

The X4 7700 premium performance unit is EPA Tier 4 compliant and provides lifetime compliance with current California Air Resources Board (CARB) requirements without the need for future engine emissions systems.



Carrier Transicold's Capacity Leader, Improved in all the Right Ways



A New Engine That's Like an Old Friend

The X4 7700 takes advantage of a proven, yet advanced version of the familiar Kubota engine used in current X4 series models. The Kubota V2403 smart engine complements the traditional high and low speeds with a third one, called "eco speed." When ambient and internal temperatures permit, this new speed automatically activates, running at even lower RPMs for added fuel economy.

Clean Engine Technologies

The engine's common-rail fuel injection is supported by an enhanced fuel filtration system and diesel oxidation catalyst. Combined, these clean engine technologies push particulate, hydrocarbon and NOx emissions to new lows, helping fleets achieve their sustainability goals. Unlike competitive trailer refrigeration systems, the engine does not require complex exhaust gas recirculation (EGR) to achieve emissions targets.

Lifetime CARB Compliance

The lower emission engine now allows you to use your TRU in California indefinitely*. No more limitations on CARB life, and diesel particulate filters are not required for long-term CARB compliance.

The X4 7700 unit uses the new-generation refrigerant R-452A, which has a global warming potential 45% lower than the traditional refrigerant used on most transport refrigeration units.

* Based on CARB's Airborne Toxic Control Measure for In-Use Diesel-Fueled Transport Refrigeration Units, 2022 Amendments.





Taking High-Performance Cooling in Stride

Using efficiency-optimizing technology, Carrier Transicold units still provide more BTUs of cooling per engine RPM than competitive units. In other words, competitive units must run harder than an X4 unit to achieve the same results.

It's Your Choice

Whether your fleet is seeking compliance with stricter emissions regulations to operate in California, or you are simply interested in improving the fuel efficiency and sustainability of your refrigerated operations, the X4 7700 is an ideal option.



Advanced Technologies to Deliver Premium



1 NEW: Enhanced Fuel Filtration that supports common-rail fuel injection.



2 05G 41-CFM 6-Cylinder Compressor, a proven performer that helps deliver higher capacity, high-efficiency and faster pulldown.

Telematics Hardware Included so you can monitor unit cooling and performance from day one of operation using Carrier Transicold's industry-leading platform, enabled via your choice of three data plans.

Factory-Installed TRU Mount Solar Panel Option to help maintain battery charge to support the unit and its telematics system.

Performance, Sustainability and Compliance



3 NEW: 3-Speed Kubota 2.4 liter Engine compliant with EPA Tier 4 regulation for engines less than 25 HP and CARB's 2022 amendments to the Airborne Toxic Control Measure for Transport Refrigeration Units.

5 NEW: Maintenance-Free Diesel Oxidation Catalyst that reduces hydrocarbon and other emissions.

4 NEW: Common-Rail Fuel Injection that reduces particulate matter emissions and lowers fuel consumption.

R-452A Refrigerant, with significantly lower global warming potential than traditional transport refrigeration unit refrigerants and also compatible with other models in the X4 series for fleets that want to standardize.

Lifetime CARB Compliant Engine Lifetime CARB compliant engine that can be operated indefinitely in California without complex exhaust gas recirculation or additional engine emission systems.



Premium Performance Unit

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Greater Sustainability.

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Specifications are subject to change without notice.
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