TRANSTEX®

1 877 332 3519

transtex-llc.com

DRIVER COMFORT

Creates a safe, comfortable in-cab environment day or night without engine idling, keeping drivers supported while saving fuel.

FUEL SAVINGS & IDLE REDUCTION

Cuts idling by over 90%, exceeds 10-hour rest requirements, and lowers fuel, engine hours, and maintenance costs.

DRIVER COMFORT

Creates a safe, comfortable in-cab environment day or night without engine idling.

LOWEST TOTAL COST OF OWNERSHIP

Delivered through extended battery life, maximized resale value, and a virtually maintenance-free system.

LIGHTER WEIGHT

Reduced auxiliary battery weight 150 lbs. relative to industry standards, boosting fuel efficiency and payload capacity.

BI-DIRECTIONAL CHARGING

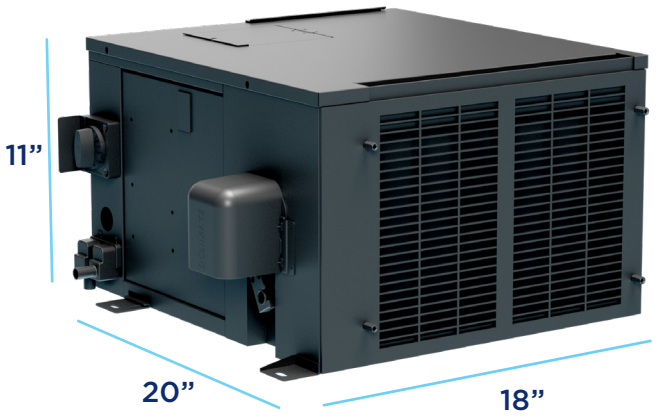
Transfers energy seamlessly between lithium and starting batteries, minimizing restart events and over-the-road jump starts.

MAXIMIZED RUNTIME

Runtimes extend from 13+ hours to 18+ hours under test conditions maintaining cabin at 70°F in 95°F.

PRODUCT SPECIFICATIONS

7000 BTU/hr (2.1 kW), cooling capacity
7500 BTU/hr (2.2 kW), heating capacity
400 CFM, airflow
+/- 2 °F Temperature control
48Vdc brushless variable speed compressor
5.12 KWH LFP battery
Espar S3 D2 diesel fired air heater
270 lbs, system weight including battery
Limited Warranty: 2-yr parts & labor, 4-yr major component limited, 4-yr batteries*



* Standard Espar warranty applies. Customized configurations for all major OEMs.
** Supplied with DClimate patented fuel pickup tube.
Freightliner Cascadia illustrated.

RESIDUAL VALUE, DESIGNED IN

The DClimate Lithium Pro®'s modular architecture distinguishes it from all others, offering more flexibility and asset control. The system reduces auxilary battery weight. If satisfactory residual is not realized at vehicle turnover, the lithium battery module can be removed and reused in a new truck.

The DClimate Lithium Pro® electric APU maximizes driver comfort while protecting your fleet investment. Cut idling, save fuel, and protect your vehicle's condition - all while maximizing resale value.

Improved MPG | Minimal Maintenance | Regulatory Compliance | Cost Savings | Driver Comfort | Reduced Carbon Footprint

EXTENDED BATTERY LIFE

- The DClimate Lithium Pro® design life now aligns with DClimate's proven AC module design life (10+ years).

LOWER ENGINE HOURS

- The DClimate Lithium Pro® electric APU powers essential functions without running the truck's engine—significantly reducing engine hours, wear, and emissions.
- Fewer engine hours minimizes the truck's wear and tear, contributing to a stronger resale position at trade-in or auction.

OPTIMIZATION OF ASSET MANAGEMENT

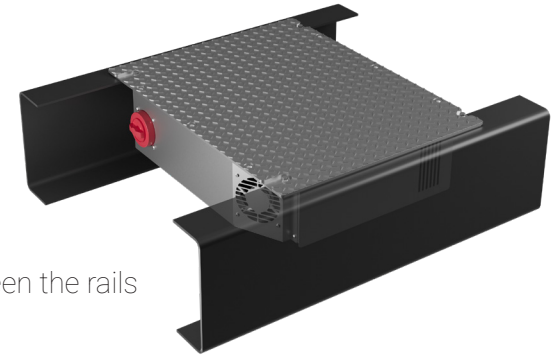
- The DClimate Lithium Pro® battery module can be removed and reinstalled, supporting a more strategic asset management plan.

LOWER MAINTENANCE & OPERATIONAL COSTS

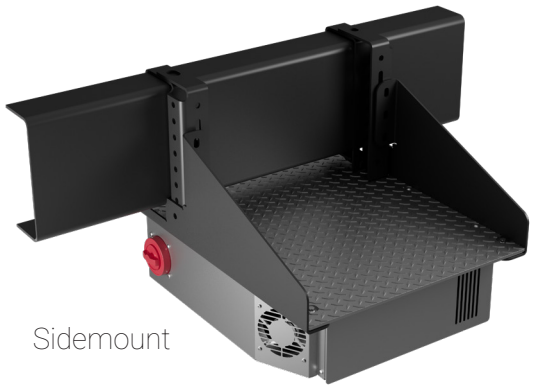
- The DClimate Lithium Pro® reduces wear on engine components by reducing idling and diesel-driven parts. Its advanced battery management and modular, service-friendly design minimize downtime, extend service intervals, and reduce overall maintenance costs.

REMOVABLE BATTERY MODULE

Available in multiple mounting configurations



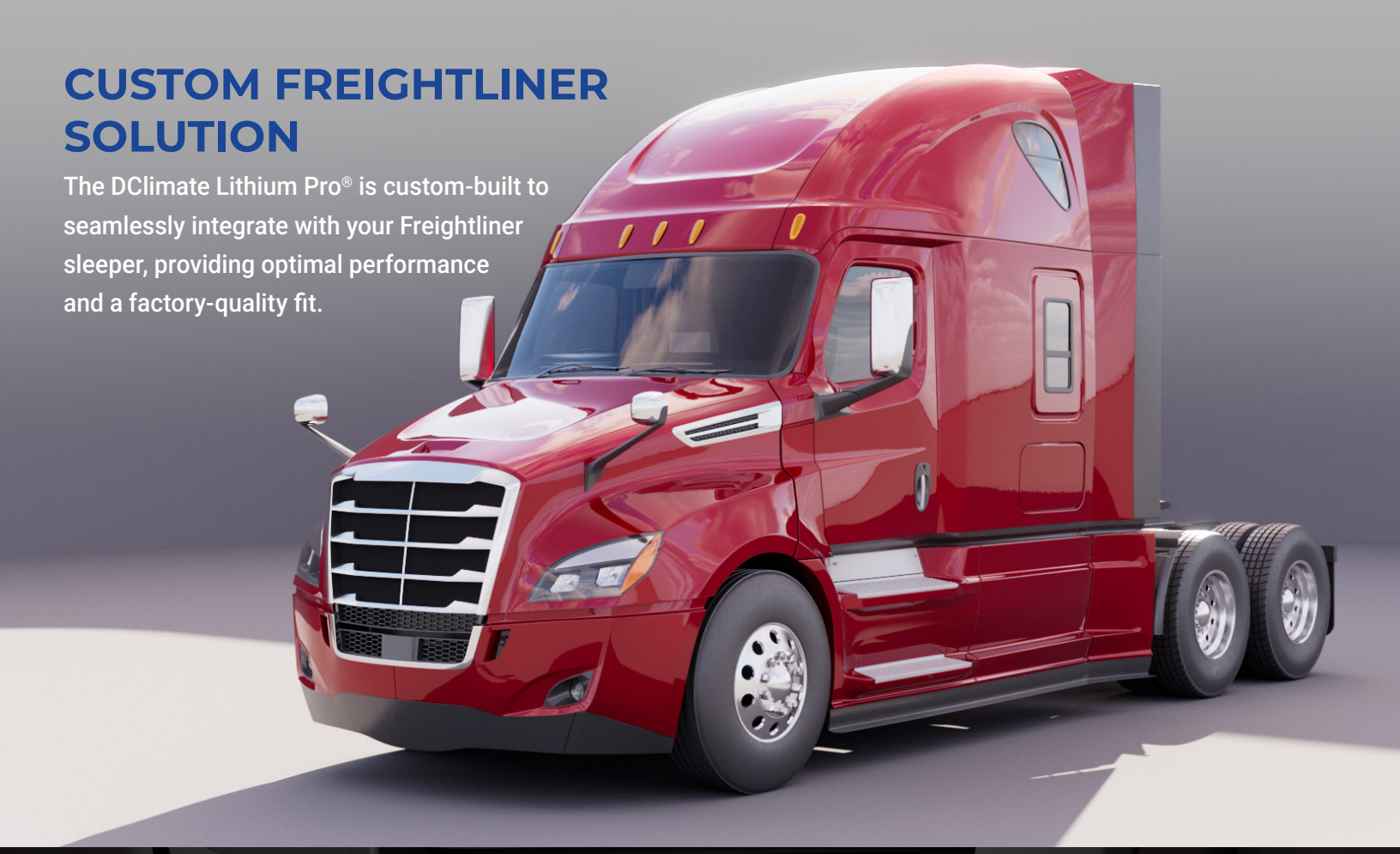
Between the rails

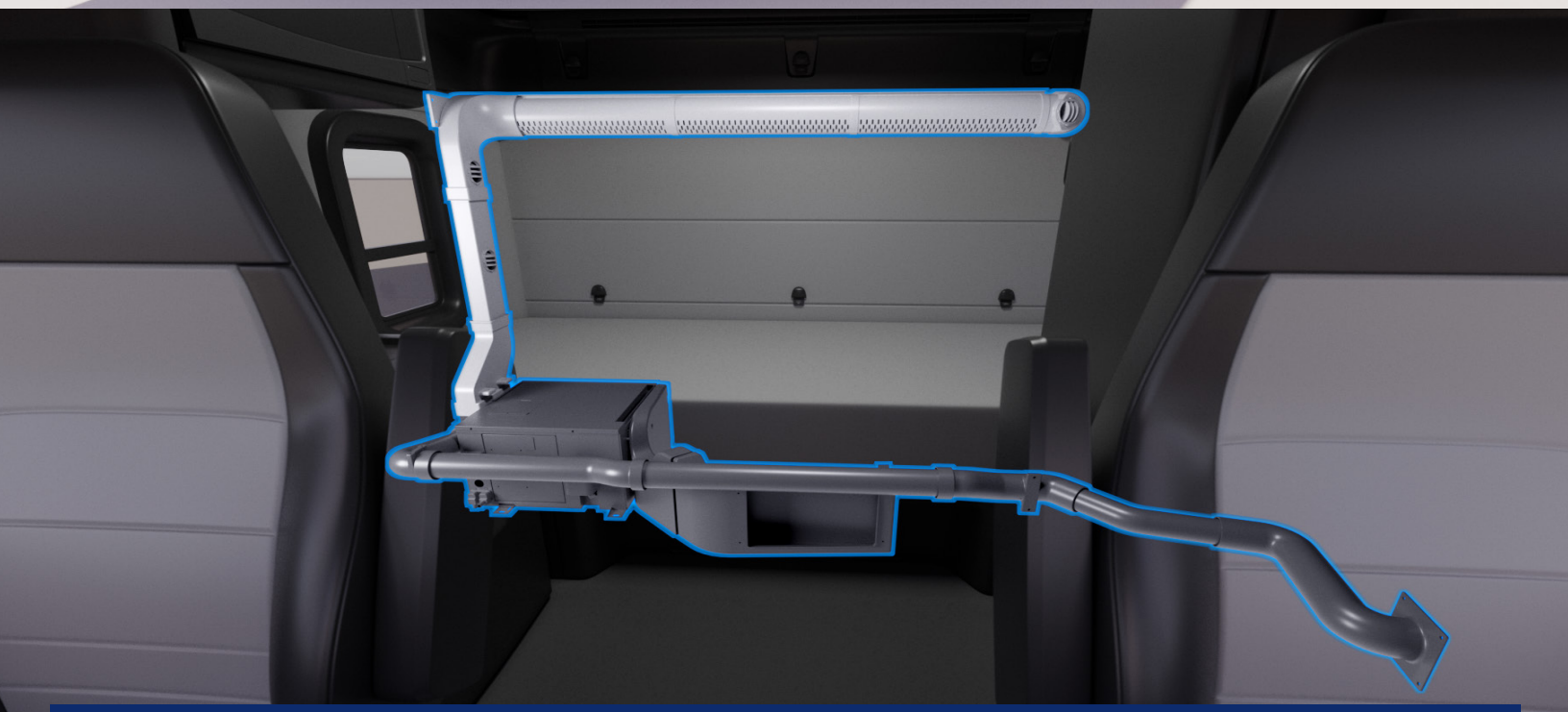


Sidemount

CUSTOM FREIGHTLINER SOLUTION

The DClimate Lithium Pro® is custom-built to seamlessly integrate with your Freightliner sleeper, providing optimal performance and a factory-quality fit.





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TRANSTEX is a cleantech leader in the transportation sector, engineering emission-reducing solutions tailored to enhance fleet efficiency and to reduce costs. TRANSTEX has been innovating trailer aerodynamics and electric Auxiliary Power Units (eAPUs) manufactured in North America for over 20 years. Through investment in R&D and patented technology, TRANSTEX delivers outstanding product performance and reliability, optimizing economic and environmental outcomes.