

Truck Refrigeration Unit Market worth US\$12,682.3 million 2022 to US\$23 Billion 2032 | says Allied Market Research

WILMINGTON, NEW CASTLE, DE, UNITED STATES, June 23, 2025 /EINPresswire.com/ -- According to the report, the global truck refrigeration unit market generated 000 00.00 reach 000 00.00 000000 00 0000, growing at a 0000 00 0.0% 0000 0000 □□ □□□□. The truck refrigeration unit market all over the world is affected by several things like more need for items that are temperature sensitive and likely to spoil, leading to cold storage



logistics business growth, improved technology, and strict food safety rules. The main reasons for the growth of this market are more people demanding fresh food, availability of fast and easy meals to eat, as well as consumption of fruits and vegetables normally not available in off season. Today, people want fresh and good food that they can easily get at home. So, online shopping places need to make sure they keep things at the right temperature when transporting. This is because people expect quality service during the delivery of their orders.

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Due to awareness among people now about how good fruits and vegetables are for their health has increased worldwide demand for fresh or frozen food products. The truck refrigeration unit market around the world is being pushed forward by a very important part - cold chain logistics. Since goods that are perishable need careful transportation to keep them fresh, the need for cold cars is growing more and more.

- ☐ In-depth study spanning 14 countries with regional and segment analysis, projecting values (\$million) from 2023 to 2032.
- ☐ Integration of high-quality data, expert opinions, and critical independent perspectives for a

comprehensive market understanding.

- ☐ Research methodology designed to offer a balanced view of global markets, empowering stakeholders to make informed decisions for ambitious growth goals.
- ☐ Extensive review of 3,700+ product literature, annual reports, industry statements, and materials from major industry participants for enhanced insights.

However, the major restraint for this market growth may be the cost of installing and keeping refrigeration units in trucks. For even small and middle-sized businesses, it can be costly to buy and set up the equipment. In some areas, like places with growing economies, the growth of the truck refrigeration unit industry might be slowed because there is not enough infrastructure. The structures have cooling rooms to keep items at the right temperature, transport services for moving goods, and chest freezers. Also, the growth of markets might be slowed down because people in different areas are not aware of how refrigerated transport can be beneficial to them.

The truck refrigeration unit industry is segmented based on type, trailer size, end-user, and region. Depending on the type, the market is segregated into roof mount and split. By trailer size, it is categorized into below 20ft, 20-40ft, and above 40ft. As an end-user, it is fragmented into food pharmaceutical, chemical industry, and others. Region-wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

□□□□□□□□□□, the split segment held the highest market share in 2022 and is estimated to maintain its leadership status throughout the forecast period 2023 to 2032. Due to the split-type configuration, with separate units for the refrigeration and engine components, the segment offers flexibility and ease of installation, making it a preferred choice for many truck operators. However, the roof mount segment is projected for highest CAGR of 7.1% from 2023 to 2032, due to roof mount units, being installed on the roof of the truck or trailer, optimizing the use of available space within the vehicle, allowing for greater cargo capacity and flexibility.

estimated to maintain its leadership status throughout the forecast period 2023 to 2032. Due to the increasing demand for last-mile delivery services, particularly in urban areas, this segment is fueling the need for compact and maneuverable refrigerated trailers that can efficiently navigate through congested spaces. However, the 20-40ft segment is projected for highest CAGR of 7.2% from 2023 to 2032, due the continuous technological advancements in truck refrigeration units,

including innovations such as smart monitoring systems and energy-efficient technologies, contributing to the appeal of the 20-40ft trailer size segment.

estimated to maintain its leadership status throughout the forecast period, owing to the expanding cold chain logistics sector, propelled by the increasing demand for temperature-sensitive goods, such as fresh produce, pharmaceuticals, and processed foods, which plays a pivotal role. However, the Europe region is expected to witness the fastest CAGR of 7.2% from 2023 to 2032. Due to the region's strategic location and the increasing consumer preference for online shopping and the transportation of temperature-sensitive goods, there is a heightened requirement for sophisticated refrigeration units that ensure the safe and compliant delivery of products which plays a pivotal role in the growth of the truck refrigeration unit industry in the region.

Leading Market Players: -

Advanced Temperature Control

Carrier

Daikin

Denso

Mitsubishi Heavy Industries

Klinge Corporation

Subros

Thermo King

Utility Trailer Manufacturing Company

Webasto Group

The report provides a detailed analysis of these key players in the global truck refrigeration unit market. These players have adopted different strategies such as new product launches, collaborations, expansion, joint ventures, agreements, and others to increase their market share and maintain dominant shares in different regions. The report is valuable in highlighting business performance, operating segments, product portfolio, and strategic moves of market players to showcase the competitive scenario.

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