

US Automotive Aerodynamic Market Size study, By Application (Diffusers, Side Skirts, Spoilers, Wind Deflectors, Grille Shutter, Air Dam, Others), By System (Active System, Passive System), By Vehicle Type (Passenger Vehicles, Commercial Vehicles) Forecasts 2022-2032

<https://marketpublishers.com/r/U8084BD664B4EN.html>

Date: May 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: U8084BD664B4EN

Abstracts

US Automotive Aerodynamic Market is valued approximately USD 7.52 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 4.49% over the forecast period 2024-2032. Automotive Aerodynamic refers to the study and application of airflow principles to design vehicles that minimize air resistance (drag) and improve their efficiency, stability, and performance. It involves understanding how air flows around a vehicle's body, components, and systems, and how these aerodynamic properties affect fuel efficiency, handling, stability, noise, and overall vehicle performance. Furthermore, rising incorporating lightweight materials are gaining attention towards US Automotive Aerodynamic Market. Lightweight materials enable automakers to design vehicles with sleeker, more streamlined shapes that reduce aerodynamic drag. Lower drag results in improved airflow around the vehicle, reducing fuel consumption and enhancing overall efficiency.

The US Automotive Aerodynamic Market is driven by increasing demand of autonomous vehicles and rising demand of fuel-efficient vehicles across the region. Aerodynamics play a crucial role in optimizing the efficiency of these systems by reducing drag and improving overall vehicle performance. Streamlined designs and aerodynamic enhancements help autonomous vehicles achieve better energy efficiency, extend their range, and maximize battery life. In addition, aerodynamic improvements allow automakers to design vehicles that achieve higher miles per gallon

(mpg) ratings, making them more attractive to fuel-conscious consumers. However, high installation cost of automotive aerodynamic and lack of testing mechanism is going to impede the overall demand for the market during the forecast period 2024-2032.

Major market player included in this report are:

SRG Global, Inc

Ford Motor Company

General Motors Company

Company 4

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Application

Diffusers

Side Skirts

Spoilers

Wind Deflectors

Grille Shutter

Air Dam

Others

By System

Active System

Passive System

By Vehicle Type

Passenger Vehicles

Commercial Vehicles

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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