

Report Information

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Automotive Climate Control System Market Research Report - Global Forecast To 2030

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Description:

Automotive Climate Control Market Overview:

Automotive climate control system market size is predicted to reach USD 24,853.4 Million with a growing CAGR of 14.92% during the forecast period.

According to the latest research report, The automotive climate control system is an advanced version of air conditioning systems in vehicles. It is responsible to control the temperature of the cabin and levels of humidity in the vehicles. Altogether it provides a comfortable seating environment inside vehicles. This report contains all the information on the global automotive climate control system market trends, research, and market strengths. The report also contains the culmination of dynamics, segmentation, key players, regional analysis, and other important factors. And a detailed analysis of the global automotive climate control system market analysis and forecast to 2023 is also included in the report.

The rise in the use of the air conditioner in the automotive has driven the demand for the global automotive climate control system market. The automotive climate control system is desegregated with a heating, ventilation, and air conditioning (HVAC) system in the vehicles. Today, almost every vehicle is furnished with HVAC systems, either automatically or manually. The overall growth of the automobile industry is the major factor for the growth of the market. The production of four-wheeler vehicles across the globe has increased magnificently and in turn, it increases the adoption of climate control systems for automobiles due to the increase in the disposable income of individuals and developments in technology.

Covid 19 Analysis

The covid 19 pandemics have left an unprecedented impact on the economy, globally. According to the reports, the global automotive climate control market outlook has been vigorously affected by the covid 19 pandemic, especially in the first quarter of 2020. The major cause of the downfall of the market is the complete lockdown of several component manufacturing facilities around the globe including Germany, Ireland, the U.S, china, and others.

Competitive landscape

OEMs are integrating high-quality climate control systems in order to fulfill the flourishing demand in the automotive climate control system around the globe. Manufacturers are focused on investing in R&D in order to provide compact and lightweight HVAC systems. The key players of the automotive sector are focused on providing more comfort and luxury features in the vehicles through different means such as mergers and collaborations.

Major Key Players

- Valeo S.A. (France)
- Sanden Corporation (Japan)
- Hanon system (South Korea)
- Denso Corporation (Japan)
- Eberspächer Group (Germany)
- Bergstrom Inc. (U.S.)
- Mahle GmbH (Germany)
- Calsonic Kansei Corporation (Japan)
- Keihin Corporation (Japan)
- Air International Thermal system (Australia)

Market Dynamic

- ## Drivers

The changes in the preferences of the consumers due to the betterment of the social-economic conditions of the customers and the increased disposable income of an individual is eventually rising the consumer preferences for comforts level while traveling, it is the major factor for the growth of the global market.

The rising demand for the additional features in vehicles such as pedestrian detection, climate control, and blind-spot detection by automotive consumers is another major factor that is driving the growth of the global automotive climate control system market revenue.

- ## Opportunities

The rise in demand for electric vehicles is likely to add fuel to the demand for the automotive climate control system. The rise in developments of advanced hybrid and electric vehicles is predicted to provide propel growth prospects over the forecast period. Moreover, the focus of the manufacturers in the making of advanced features more user-friendly system and the technological development are further pushing the demand for the automotive climate control system market growth.

- ## Restraints

The major restraints of the global automotive climate control system market are the high maintenance costs of the systems and the possibilities of technical failure. The good supply of high comfort features in a vehicle comes with a sensible cost which creates an opportunity for the suppliers and the manufacturers of the automotive climate controls. The strict norms of emission by the respective governments are also a burning issue in the global automotive climate control system market.

- ## Challenges

The noise generated by the automotive climate control systems inside the car cabins is one of the major factors that challenge the manufacturers of the automotive climate control system, leading towards passenger discomforts. The interactions between the airflow and the HVAC components are the source of these chattering noises.

However, Ducts and passive absorbers on the HVAC body are being used in order to decrease the noises during its operations to provide comfort inside the vehicles.

Cumulative Growth Analysis

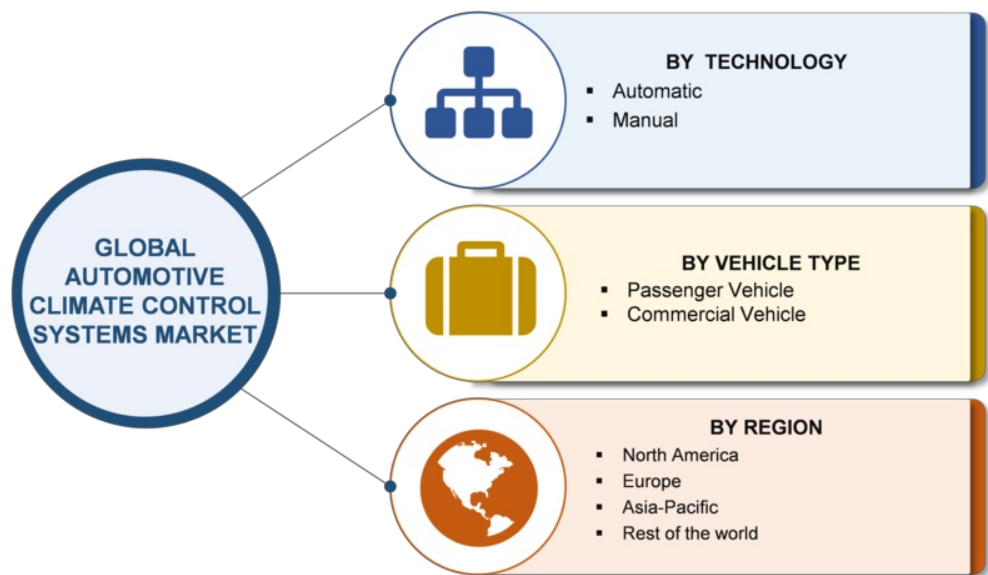
The rapid rise in the population of the regions, rapid industrialization, and the expansion of the manufacturing sectors are the major factor leading the global market growth. Emerging countries such as India, China, Japan, and Germany have magnificent global automotive climate control system market values.

According to the reports of 2015, the Middle East segment is predicted to have decent shares and it is expected to dilate with significant CAGR over the forecast period.

Value Chain Analysis

According to the latest report, the global market is segmented on the basis of technology type, vehicle type, and region. On the basis of the technology, the global automotive climate control system market is segmented into automatic and manual. Based on the vehicle type, the market is segmented into passenger vehicles and commercial vehicles. On the basis of the region, the global market is segmented into North America, Europe, Asia Pacific, and the rest of the world.

On the basis of vehicle, the passenger vehicle segments have accounted for 63% of the global automotive climate control system market shares in the year 2016, due to the rise in the per capita income levels there is a sustainable rise in the sales and production in passenger vehicle segment which has ultimately triggered some developments in the market. Moreover, the passenger segment is predicted to witness the highest CAGR during the forecast period.



Segmentation Overview

The market is segmented on the basis of the technology type, vehicle type, and region. The global automotive climate control system market industry is expected to witness decent growth during the forecast period.

By Application

Based on the application, the market is segmented into automatic and manual.

By end-users

Based on the propulsion types, the market is segmented into passenger vehicles and commercial vehicles.

Regional Analysis

According to the reports, based on the regions, the global automotive climate control system market is segmented into North America, Europe, Asia Pacific, and the rest of the world. Asia Pacific segment is predicted to dominate the global market by accounting largest share in the year 2016. The rise in the adoption of passenger vehicles leads to the adoption of climate control systems in passenger vehicles.

Additionally, the shift of preferences of the consumers for more advanced features over mileage and attractive looks of the cars is likely to boost the demand for the automotive climate control system market. China is the largest market in the Asia Pacific region which contributes magnificently to the demand for the automotive climate control system market.

Report Overview

The following report comprises of –

- Market overview
- Covid 19 Analysis
- Market Dynamic
- Drivers
- Opportunities
- Restraints
- Challenges
- Cumulative Growth Analysis
- Value Chain Analysis
- Segmentation Overview
- By Application
- By End-Users
- Regional Analysis
- Competitive landscape

Recent Developments

- Denso has developed a novel COA HVAC which is based on a new structure that offers a heat reduction which is required by the system by 30%, reducing size and power consumption by 20%.

Technology Outlook

- Automatic
- Manual

Vehicle Type Outlook

- Passenger Cars
- Light Commercial Vehicle (LCV)
- Heavy Commercial Vehicle (HCV)

Regional Outlook

- North America
 - o The U.S.
 - o Canada
 - o Mexico
- Europe
 - o The U.K.
 - o Germany
- Asia Pacific
 - o India
 - o China
 - o Japan
- South America
 - o Brazil
 - o Argentina
- Middle East & Africa

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