

India Automotive HVAC Market Size and Share - Outlook Report, Forecast Trends and Growth Analysis 2025-2034

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Report description:

The India automotive HVAC market is projected to grow at a CAGR of 10.30% between 2025 and 2034.

India Automotive HVAC Market Growth

Automotive HVAC systems control the interior temperature of vehicles through heating, ventilation, and air conditioning (HVAC). Comprised of three subsystems-heating, cooling, and air conditioning-these systems provide filtered air to the cabin, ensuring driver and passenger comfort. They regulate air temperature, monitor moisture levels, and eliminate excess humidity from the airflow.

According to the data from the Society of Indian Automobile Manufacturers (SIAM), the domestic sales of passenger vehicles have increased to 38,90,114 in 2022-23 from 30,69,523 in 2021-22.

Key Trends and Developments

Increasing sales of vehicles, growing environmentally friendly solutions, the prevalence of tropical climate, and introducing advanced systems are the major trends impacting India automotive HVAC market growth.

March 21, 2024

US-based ACV, a top digital automotive marketplace for dealers and partners, has announced the launch of its new development centre in Chennai, India, enhancing its global operations.

February 15, 2024

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ABB India introduces the ACH180 compact drive at ACIREX 2024 for HVACR systems, offering precise control over efficient motors with a space-saving design, reduced costs, and simplified setup.

January 2, 2024

Carrier has broadened its India-made HVAC product lineup by introducing a variety of air handling units (AHUs) and fan coil units (FCUs).

October 23, 2023

Volta has renewed its manufacturing efforts in India by partnering with Japanese and Korean firms. With investments over Rs 1,300 crore, it plans to produce components such as compressors.

Increasing sales of vehicles

Rising vehicle sales and premium car popularity are driven by features like automatic HVAC systems, heated seats, and power windows, enhancing comfort and attracting buyers.

Growing environmentally friendly solutions

The development of energy-saving and eco-friendly vehicle HVAC systems, driven by the increasing environmental awareness of individuals, is propelling market growth.

Prevalence of tropical climate

Tropical climates drive demand for automotive HVAC systems. Ride-hailing firms like Uber, Ola, Lyft, and Sidecar require air conditioning, boosting India automotive HVAC market growth.

Introducing advanced systems

The launch of advanced HVAC systems enhances visibility by preventing windshield fogging, cleaning windows, and reducing humidity, thereby enhancing passenger comfort.

India Automotive HVAC Market Trends

The Indian automotive HVAC market driving growth includes increased vehicle sales and premium vehicle popularity. Luxury cars feature automatic HVAC systems, enhancing comfort and influencing buyers.

Technological advancements like energy-efficient and eco-friendly HVAC systems and innovative features such as demisting windshields and dehumidifying air contribute to market expansion.

India Automotive HVAC Industry Segmentation

India Automotive HVAC Market Report and Forecast 2025-2034⁴ offers a detailed analysis of the market based on the following segments:

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Market Breakup by Technology

- Manual
- Automatic

Market Breakup by Component

- Evaporator
- Compressor
- Condenser
- Expansion Valve
- Receiver-drier
- Others

Market Breakup by Propulsion Type

- IC Engine
- Electric Powered

Market Breakup by Vehicle Type

- Passenger Cars
- Light Commercial Vehicle
- Heavy Commercial Vehicle

Market Breakup by Region

- North India
- East and Central India
- West India
- South India

India Automotive HVAC Market Share

The India automotive HVAC market share for automatic technology is projected to surge in the coming years due to its user-friendly nature.

Automatic HVAC systems incorporate multiple sensors to control temperature and humidity, ensuring comfort for drivers and passengers. The increasing production of luxury vehicles, shifting consumer tastes and the growing favour for luxury cars worldwide are driving the demand for fully automatic HVAC systems, it provides advancements in HVAC technologies like auto temperature control, air recirculation, and fogging sensors.

Based on vehicle type, the passenger car sector is forecasted to experience substantial growth in the automotive HVAC market.

This growth is primarily fueled by increasing disposable incomes and the availability of diverse financing options for vehicle acquisition. As car ownership becomes more common, the market share of automotive HVAC in India is anticipated to notably expand.

With the improved financial options and rural demand, for Light Commercial Vehicles (LCVs). The segment will likely benefit from e-commerce and logistics growth.

Leading Manufacturers in the India Automotive HVAC Market

The companies are a producer of thermal goods for automotive applications compressors, condensers, automotive suppliers and influencers, delivering thermal, powertrain, mobility, and electrification, specialising in components and systems for combustion engines and their peripherals, providing a diverse array of products to automakers and the aftermarket.

Subros Limited

Founded in 1985, with its headquarters in India, Subros Limited is a top producer of thermal goods for automotive applications compressors, condensers, heat exchangers, and all other connecting parts.

Denso Corporation

Founded in 1949, with its headquarters in Japan, Denso is an automotive supplier and influencer, delivering thermal, powertrain, mobility, electrification, and electronic systems to carmakers and other manufacturers globally.

MAHLE GmbH

Founded in 1920, with its headquarters in Germany, Mahle GmbH is a leading global automotive parts manufacturer, that specializes in components and systems for combustion engines and their peripherals.

Valeo

Founded in 1923, with its headquarters in France, Valeo, provides a diverse array of products to automakers and the aftermarket.

Other India automotive HVAC market key players are Sanden Vikas (India) Ltd., Hanon Systems, Delphi Technologies, Samvardhana Motherson Group, and Air International Thermal Systems, among others.

India Automotive HVAC Market Analysis by Region

The automotive HVAC market is propelled by the increasing registration of vehicles, as more vehicles are registered, the demand for comfort features like HVAC systems increases. Consumers expect modern vehicles to provide a comfortable driving experience, which includes efficient climate control.

As per the Ministry of Road Transport and Highways, the total numbers of electric vehicles have been registered by August 2023 in Uttar Pradesh, Maharashtra, and Karnataka are 5,74,967, 3,05,006, and 2,48,747 respectively. EVs need effective defrosting and demisting systems to maintain clear visibility. Electric heaters or heat pumps can be used to warm the air directed towards the windows.

More Insights On

India HVAC Market

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United States HVAC Market

Germany HVAC Market

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South Korea HVAC Market

Europe HVAC Market

Asia Pacific HVAC Market

France HVAC Market

Chile HVAC Market

UAE HVAC Market

India Automotive HVAC Market Report Snapshots

India Automotive HVAC Manufacturers

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