

Bus HVAC Market By Type (Automatic, Manual), By Vehicle Type (Intercity Buses, Coach Buses, School Buses, Transit buses), By Sales Channel (OEM, Aftermarket), By Input (Engine Powered HVAC, Electric Powered HVAC): Global Opportunity Analysis and Industry Forecast, 2021-2031

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Report description:

HVAC (Heating, ventilation, and air conditioning) is the technology that is used for automotive cabin comfort for maintaining a pleasant temperature along with an ambient indoor condition in the vehicle. It is used to facilitate and manage the favorable and pleasant conditions inside the cabin by controlling the degree of the temperature. The basic operation of the HVAC system is convection and conduction. Heat is transferred from the region of low temperature to the region of high temperature in the vehicle due to pressure difference. Evaporator, condenser, compressor, and others are the major components of the bus HVAC system.

Consumers are increasingly spending on more comfort and luxury features in vehicles, propelling OEMs to integrate high-quality climate control systems. Manufacturers are investing in R&D to offer product differentiation in their products such as compact and lightweight HVAC systems. For instance, Denso developed a novel COA HVAC based on a new blower structure that offers a reduction in heat required by the system by 30%, reducing size and power consumption by 20%. This enables the company to offer HVAC systems to its clients, providing both environmental performance and energy efficiency. In addition, the rise in concerns in consumers regarding indoor air quality are further creating several growth prospects for the market.

The global Bus HVAC market is segmented into type, vehicle type, sales channel, input, vehicle type by propulsion, and region. By type, it is further divided into automatic, and manual.

By vehicle type, the Bus HVAC market is segmented into intercity buses that are subdivided into 9m, 10m, and 12m, coach buses that are further segmented into 9m, 10m, and 12m, school buses that are further segmented into 9m, 10m, and 12m, and transit buses that are further segmented into 9m, 10m, and 12m. By sales channel, the market is segmented into original equipment manufacturers, and aftermarket. By input, it is segmented into engine powered HVAC and electric powered HVAC. By vehicle type

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by propulsion, the Bus HVAC market is segmented into intercity buses that are further divided into IC engine, hybrid/electric, and fuel cell; coach buses that are further segmented into IC engine, hybrid/electric, and fuel cell; school buses that are further divided into IC engine, hybrid/electric, and fuel cell, and transit buses that are further segmented into IC engine, hybrid/electric, and fuel cell. Region-wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the bus hvac market analysis from 2021 to 2031 to identify the prevailing bus hvac market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the bus hvac market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global bus hvac market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Sales Channel

- OEM
- Aftermarket

By Input

- Engine Powered HVAC
- Electric Powered HVAC

By Type

- Automatic
- Manual

By Vehicle Type

- Intercity Buses
- Coach Buses
- School Buses
- Transit buses

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- Germany
- U.K.
- France
- Italy
- Russia
- Rest of Europe
- Asia-Pacific
- China
- Japan
- India

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- South Korea
- Rest Of Asia Pacific
- LAMEA
- Latin America
- Middle East
- Africa
- Key Market Players
- Coachair Pty Ltd.
- Denso Corporation
- Eberspacher Gruppe GmbH & Co. KG
- Grayson Thermal Systems
- Honeywell International Inc.
- Internacional Hispacold SA
- Konvekta AG
- MAHLE GmbH
- Mobile Climate Control, Inc.
- Sanden Holdings Corporation
- Subros Limited
- SUTRAK Corporation
- Trane Technologies Plc
- Valeo
- Webasto Group
- Zhengzhou Guchen Industry Co., Ltd.
- Sidwal Refrigeration Industries Pvt. Ltd

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