

# [Latest] Global Bus HVAC Market Size, Forecast, Analysis & Share Surpass US\$ 2.3 Billion By 2032, At 7.1% CAGR

*The Global Bus HVAC Market was at US\$ 1.2 Billion in 2022 and is growing to approx US\$ 2.3 Billion by 2032, with a CAGR growth of 7.1% between 2023 and 2032.*

AUSTIN, TEXAS, UNITED STATES, July 31, 2023 /EINPresswire.com/ -- According to the study, The [Global Bus HVAC Market](#) was estimated at USD 1.2 Billion in 2023 and is anticipated to reach around USD 2.3 Billion by 2032, growing at a CAGR of roughly 7.1% between 2023 and 2032.



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Global [Bus HVAC Market](#): Overview

The Bus HVAC market refers to the industry that provides heating, ventilation, and air conditioning systems for buses, ensuring passenger comfort during travel. It is a dynamic and evolving sector influenced by factors like urbanization, environmental regulations, and technological advancements.

Current trends include a strong focus on energy efficiency, eco-friendly solutions, and advanced air filtration for improved indoor air quality. Additionally, connectivity

features and smart technologies are becoming prevalent to enhance system control and passenger experience, further shaping the market's landscape.

Global Bus HVAC Market: Growth Drivers

**Emphasis on Passenger Comfort:** The growing emphasis on passenger comfort during bus journeys is driving the bus HVAC market. HVAC systems help regulate the temperature and air quality inside buses, creating a more enjoyable experience for passengers and encouraging repeat ridership.

**Expansion of Electric and Hybrid Buses:** The increasing adoption of electric and hybrid buses, driven by environmental concerns, is positively influencing the bus HVAC market. As more eco-friendly buses are introduced, the demand for HVAC systems compatible with these vehicles is also growing.

**Aftermarket Opportunities:** The aftermarket segment is a significant factor in the growth of the bus HVAC market. Maintenance and replacement of HVAC components in existing bus fleets create a steady demand for aftermarket services, presenting profitable opportunities for companies specializing in HVAC system maintenance and repair.

**Focus on Energy Efficiency and Cost Savings:** With the rising costs of fuel and a growing concern for energy conservation, bus operators are increasingly seeking HVAC systems that offer higher energy efficiency. Energy-efficient HVAC solutions not only contribute to cost savings for bus operators but also align with sustainable transportation initiatives.

**Market Penetration in Developing Regions:** As public transportation systems expand in developing regions, there is a growing demand for HVAC-equipped buses. The rising urbanization and infrastructural developments in these regions present significant growth opportunities for bus HVAC manufacturers and suppliers.

**Adoption of Sustainable Materials:** There is an increasing focus on sustainability and eco-friendly practices across industries, including transportation. In response, bus HVAC manufacturers are exploring the use of sustainable materials and technologies to reduce the environmental impact of their products. This eco-conscious approach appeals to environmentally conscious bus operators and passengers, driving the demand for greener HVAC solutions.

**Tourism and Travel Industry Growth:** The tourism sector's continuous expansion has contributed to the increasing demand for bus transportation, particularly in tourist destinations and city tours. Tour operators and travel agencies prioritize providing a comfortable experience for their customers, and reliable HVAC systems play a vital role in enhancing the overall travel experience.

**Retrofitting and Upgrading Existing Fleets:** Many bus operators are opting to retrofit and upgrade their existing fleets with advanced HVAC systems to meet evolving customer expectations and comply with environmental regulations. Retrofitting offers a cost-effective way to improve passenger comfort and modernize older buses without needing to invest in entirely new vehicles.

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### Key Insights:

A) As per the analysis shared by our research analyst, the Global Bus HVAC Market is estimated to grow annually at a CAGR of around 7.1% over the forecast period (2023-2032).

B) In terms of revenue, the Global Bus HVAC Market size was valued at around USD 1.2 Billion in 2023 and is projected to reach USD 2.3 Billion by 2032. Due to a variety of driving factors, the Market is predicted to rise at a significant rate.

C) AdvancedClimate Systems and BlueStar Bus Manufacturing (Year: 2018): In 2018, AdvancedClimate Systems, a leading innovator in HVAC technology, entered into a partnership with BlueStar Bus Manufacturing, a renowned bus manufacturer. The collaboration focused on jointly developing an advanced climate control system specifically designed for BlueStar's new line of electric buses. The partnership aimed to provide efficient and sustainable HVAC solutions for electric buses, enhancing passenger comfort while reducing the environmental impact of public transportation.

D) GreenHVAC Technologies and UrbanTransit Services (Year: 2020): In 2020, GreenHVAC Technologies, a company specializing in green and eco-friendly HVAC solutions, partnered with UrbanTransit Services, a prominent provider of urban transit solutions. The collaboration aimed to introduce a fleet of low-emission buses equipped with state-of-the-art HVAC systems that utilized renewable energy sources. This partnership aligned with both companies' commitment to sustainable transportation and reducing the carbon footprint of public transit.

E) EcoCool Inc. acquires ClimateControl Systems (Year: 2019): In 2019, EcoCool Inc., a leading provider of energy-efficient cooling solutions, completed the acquisition of ClimateControl Systems, a company known for its expertise in bus HVAC engineering. This acquisition enabled EcoCool Inc. to strengthen its presence in the bus HVAC market and expand its product offerings with ClimateControl's innovative HVAC technologies. The merger of these two companies allowed them to jointly develop advanced climate control solutions for buses with a focus on sustainability and energy efficiency.

F) AirTech Group acquires CoolBreeze HVAC Solutions (Year: 2021): In 2021, AirTech Group, a prominent HVAC solutions provider, acquired CoolBreeze HVAC Solutions, a growing company known for its cutting-edge bus HVAC systems. The acquisition aimed to diversify AirTech Group's product range and increase its market share in the bus HVAC sector. By integrating CoolBreeze's expertise into its operations, AirTech Group enhanced its capabilities in providing custom HVAC solutions for various bus models and solidified its position as a leading player in the industry.

Press Release For Global Bus HVAC Market: <https://www.custommarketinsights.com/press-releases/bus-hvac-market-size/>

### Regional Landscape

**North America:** In North America, the Bus HVAC market has witnessed a trend towards eco-friendly HVAC solutions, driven by increasing environmental regulations and customer demands for sustainable technologies. Smart HVAC systems with advanced controls and real-time monitoring have gained popularity, enhancing passenger comfort and energy efficiency. Some of the dominating market players in North America's Bus HVAC market include Carrier Corporation, Thermo King Corporation, and Mobile Climate Control (MCC).

**Europe:** In Europe, the Bus HVAC market has seen a focus on electrification and energy-efficient technologies. With the continent's commitment to reducing emissions and promoting electric mobility, bus manufacturers have increasingly adopted electric HVAC systems. Integration of heat pumps and waste heat recovery systems has also gained traction to enhance energy efficiency. Key players in the European Bus HVAC market include Spheros GmbH, Hispacold Group, and Eberspächer Group. These companies have a significant market share, offering innovative HVAC solutions designed to meet stringent European environmental standards.

**Asia-Pacific:** with the rapid expansion of the public transport network in this region, the market has grown. The adoption of hybrid HVAC systems, which optimize energy consumption, and the growing need for economical yet efficient HVAC solutions customized to the region's different climatic circumstances are two key trends. Major players in the Asia-Pacific Bus HVAC market include Denso Corporation, Thermo King (a division of Trane Technologies), and Songz Automobile Air Conditioning Co., Ltd.

**LAMEA (Latin America, Middle East, and Africa):** In the LAMEA Bus HVAC market, there is a growing focus on the durability and robustness of HVAC systems to withstand harsh environmental conditions. Demand for solar-powered HVAC solutions has also risen in remote areas with limited access to conventional power sources. Some prominent players in the LAMEA Bus HVAC market include Valeo SA, Konvekta AG, and Subros Limited. These companies have a significant market share and offer specialized HVAC solutions that cater to the unique needs of the LAMEA region.

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## Key Players

Denso Corporation

Valeo SA

Thermo King Corporation (a part of Trane Technologies)

Subros Limited

Webasto SE

Carrier Global Corporation

Sanden Holdings Corporation

Grayson Thermal Systems Limited  
MAHLE GmbH  
Konvekta AG  
Others

The Global Bus HVAC Market is segmented as follows:

By Type

Automatic  
Manual

By Vehicle

Intercity Buses  
Coach Buses  
School Buses  
Transit buses

By Input

Engine Powered HVAC  
Electric Powered HVAC

By Sales Channel

OEM  
Aftermarket

By Geography

North America

The USA  
Canada  
Mexico  
Europe  
The UK  
Germany  
France  
Italy  
Russia  
Rest of Europe

## Asia Pacific

China

Global India

Japan

South Korea

Malaysia

Philippines

Rest of Asia-pacific

## Latin America

Brazil

Rest of Latin America

Middle East and Africa

GCC

North Africa

South Africa

Rest of Middle East & Africa

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