

# **Global Bus HVAC Market Size study, 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), and Regional Forecasts 2022-2028**

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## **Abstracts**

Global Bus HVAC Market is valued approximately USD XX million in 2021 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2028.

The Bus HVAC can be defined as heating, ventilation, and air conditioning (HVAC) system designed for installation in Bus and heavy vehicles. HVAC system is used in cooling, dehumidification, and filtration of the air within the passenger compartment of a bus. A heating system of a bus comprised of the heater core, the blower motor and fan, heater hoses, the heater control valve. While an air conditioning system consists of compressor, condenser, evaporator, and controls. The growing automotive sector worldwide and increasing demand for automatic climate control features in heavy vehicles as well as Strategic initiatives from leading market players are factors that are accelerating the global market demand. For instance, International Energy Agency (IEA) estimates – in 2019, the total electric bus registration in Europe were estimated at 2000 units and it further increased to 3000 in 2021. Further, in China during 2020, around 60,000 new electric busses were registered, and it further increased to 86000 in the year 2021. Furthermore, leading market players in BUS HVAC Market are working towards strategic initiatives such as market expansion to capture new untapped markets. For instance, in September 2019, Esslingen, Germany based Eberspaecher, a leading manufacturer of bus air-conditioning solutions, commissioned a new plant in

Bangalore. This new 6000 square meter plant would be utilized for manufacturing of electric air-conditioning systems for hybrid and electric buses. Moreover, in Dec 2019, Aichi, Japan based Denso unveiled full electrical rooftop HVAC system with two integrated electrical compressors, intended for electric buses. Further, in April 2021, Minnesota, USA based Thermo King, a brand of Trane Technologies, launched a new air purification solution for buses. Thermo King's Air Purification Solution tested and proven to be 98% effective in deactivating certain viruses. Also, growing investment towards transport & Mobility sector coupled with increasing adoption of electric buses are anticipated to act as a catalyzing factor for the market demand during the forecast period. However, volatile cost associated with raw materials impedes the growth of the market over the forecast period of 2022-2028.

The key regions considered for the global Bus HVAC Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the growing adoption of heating system in buses and presence of leading market players. Whereas, Asia Pacific is anticipated to exhibit a significant growth rate over the forecast period 2022-2028. Factors such as the thriving growth of automotive sector and increasing investment towards electric buses in the region, would create lucrative growth prospects for the global Bus HVAC Market across the Asia Pacific region.

Major market players included in this report are:

Coachair Pty Ltd.

Denso Corporation

Eberspächer Gruppe GmbH & Co. KG

Grayson Thermal Systems

Honeywell International Inc.

Internacional Hispacold SA

Konvekta AG

MAHLE GmbH

Mobile Climate Control, Inc.

Sanden Holdings Corporation

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors &

challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

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

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Bus HVAC Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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