

Automotive HVAC System Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

<https://marketpublishers.com/r/AEC6B05DCCC0EN.html>

Date: May 2022

Pages: 143

Price: US\$ 2,499.00 (Single User License)

ID: AEC6B05DCCC0EN

Abstracts

The global automotive HVAC system market reached a value of US\$ 38.1 Billion in 2021. Looking forward, IMARC Group expects the market to reach a value of US\$ 54.7 Billion by 2027, exhibiting a CAGR of 6.60% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic. These insights are included in the report as a major market contributor.

An automotive heating, ventilation and air conditioning (HVAC) system refers to an automated mechanism used to sustain the internal temperature of a vehicle. They consist of a condenser, evaporator, compressor, expansion valves, sensors, expansion tube, receiver and dryer. They are commonly available in automatic, manual and semi-automatic variants. Automotive HVAC systems are widely used for regulating operations of heating, cooling and air conditioning, while ensuring proper ventilation within a vehicle. They also assist in controlling the air temperature, providing good air quality, ensuring thermal comfort for drivers and passengers, inspecting the moisture content in the vehicle, and emanating the excessive humidity from the circulating air.

Automotive HVAC Systems Market Trends:

The increasing sales of vehicles and the growing requirement for air conditioning systems under extreme weather conditions across the globe is creating a positive outlook for the market. Automotive HVAC systems are widely used due to the increasing demand for enhanced performance, air quality and environmental issues. In line with this, the rising demand for remote access control systems that assist in enhancing the efficiency of air conditioning and reducing fuel consumption is favoring the market growth. Apart from this, various technological innovations, such as the introduction of energy-efficient and eco-friendly automotive HVAC systems due to the

increasing environmental consciousness among the masses, are providing a thrust to the market growth. Furthermore, the launch of new HVAC systems with advanced features that assist in demisting windshields, defrosting windows and dehumidifying air, and providing improved comfort to the passengers is positively impacting the market growth. Other factors, including the increasing demand for electric vehicles (EVs), rising expenditure capacities of consumers and the implementation of various government initiatives to promote energy-efficient systems, are anticipated to drive the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global automotive HVAC system market, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on component, technology and vehicle type.

Breakup by Component:

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

Breakup by Technology:

- Automatic
- Manual

Breakup by Vehicle Type:

- Passenger Car
- Commercial Vehicle
- Electric Vehicle

Breakup by Region:

- North America
- United States
- Canada
- Asia-Pacific

China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Denso Corporation, Hanon Systems, Highly Marelli, Japan Climate Systems Corporation, Johnson Electric Holdings Limited, Mahle GmbH, Mitsubishi Heavy Industries Ltd, Sanden Corporation, Sensata Technologies Inc and Valeo.

Key Questions Answered in This Report:

How has the global automotive HVAC system market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global automotive HVAC system market?

What are the key regional markets?

What is the breakup of the market based on the component?

What is the breakup of the market based on the technology?

What is the breakup of the market based on the vehicle type?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global automotive HVAC system market and who are the

key players?

What is the degree of competition in the industry?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL AUTOMOTIVE HVAC SYSTEM MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY COMPONENT

- 6.1 Evaporator
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Compressor
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Condensor

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Receiver-drier
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 Expansion Valve
 - 6.5.1 Market Trends
 - 6.5.2 Market Forecast
- 6.6 Others
 - 6.6.1 Market Trends
 - 6.6.2 Market Forecast

7 MARKET BREAKUP BY TECHNOLOGY

- 7.1 Automatic
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Manual
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast

8 MARKET BREAKUP BY VEHICLE TYPE

- 8.1 Passenger Car
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Commercial Vehicle
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Electric Vehicle
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast

9 MARKET BREAKUP BY REGION

- 9.1 North America
 - 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast

- 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
- 9.2 Asia-Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
 - 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
 - 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
 - 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
 - 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
 - 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
 - 9.3.5 Spain

- 9.3.5.1 Market Trends
- 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

14.1 Market Structure

14.2 Key Players

14.3 Profiles of Key Players

14.3.1 Denso Corporation

14.3.1.1 Company Overview

14.3.1.2 Product Portfolio

14.3.1.3 Financials

14.3.1.4 SWOT Analysis

14.3.2 Hanon Systems

14.3.2.1 Company Overview

14.3.2.2 Product Portfolio

14.3.2.3 Financials

14.3.3 Highly Marelli

14.3.3.1 Company Overview

14.3.3.2 Product Portfolio

14.3.4 Japan Climate Systems Corporation

14.3.4.1 Company Overview

14.3.4.2 Product Portfolio

14.3.5 Johnson Electric Holdings Limited

14.3.5.1 Company Overview

14.3.5.2 Product Portfolio

14.3.5.3 Financials

14.3.5.4 SWOT Analysis

14.3.6 Mahle GmbH

14.3.6.1 Company Overview

14.3.6.2 Product Portfolio

14.3.6.3 SWOT Analysis

14.3.7 Mitsubishi Heavy Industries Ltd

14.3.7.1 Company Overview

14.3.7.2 Product Portfolio

14.3.7.3 Financials

14.3.7.4 SWOT Analysis

- 14.3.8 Sanden Corporation
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
 - 14.3.8.3 Financials
- 14.3.9 Sensata Technologies Inc
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
- 14.3.10 Valeo
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
 - 14.3.10.3 Financials
 - 14.3.10.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Automotive HVAC System Market: Key Industry Highlights, 2021 and 2027

Table 2: Global: Automotive HVAC System Market Forecast: Breakup by Component (in Million US\$), 2022-2027

Table 3: Global: Automotive HVAC System Market Forecast: Breakup by Technology (in Million US\$), 2022-2027

Table 4: Global: Automotive HVAC System Market Forecast: Breakup by Vehicle Type (in Million US\$), 2022-2027

Table 5: Global: Automotive HVAC System Market Forecast: Breakup by Region (in Million US\$), 2022-2027

Table 6: Global: Automotive HVAC System Market: Competitive Structure

Table 7: Global: Automotive HVAC System Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Automotive HVAC System Market: Major Drivers and Challenges

Figure 2: Global: Automotive HVAC System Market: Sales Value (in Billion US\$), 2016-2021

Figure 3: Global: Automotive HVAC System Market Forecast: Sales Value (in Billion US\$), 2022-2027

Figure 4: Global: Automotive HVAC System Market: Breakup by Component (in %), 2021

Figure 5: Global: Automotive HVAC System Market: Breakup by Technology (in %), 2021

Figure 6: Global: Automotive HVAC System Market: Breakup by Vehicle Type (in %), 2021

Figure 7: Global: Automotive HVAC System Market: Breakup by Region (in %), 2021

Figure 8: Global: Automotive HVAC System (Evaporator) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 9: Global: Automotive HVAC System (Evaporator) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 10: Global: Automotive HVAC System (Compressor) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 11: Global: Automotive HVAC System (Compressor) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 12: Global: Automotive HVAC System (Condensor) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 13: Global: Automotive HVAC System (Condensor) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 14: Global: Automotive HVAC System (Receiver-drier) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 15: Global: Automotive HVAC System (Receiver-drier) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 16: Global: Automotive HVAC System (Expansion Valve) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 17: Global: Automotive HVAC System (Expansion Valve) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 18: Global: Automotive HVAC System (Other Components) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 19: Global: Automotive HVAC System (Other Components) Market Forecast:

Sales Value (in Million US\$), 2022-2027

Figure 20: Global: Automotive HVAC System (Automatic) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 21: Global: Automotive HVAC System (Automatic) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 22: Global: Automotive HVAC System (Manual) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 23: Global: Automotive HVAC System (Manual) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 24: Global: Automotive HVAC System (Passenger Car) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 25: Global: Automotive HVAC System (Passenger Car) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 26: Global: Automotive HVAC System (Commercial Vehicle) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 27: Global: Automotive HVAC System (Commercial Vehicle) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 28: Global: Automotive HVAC System (Electric Vehicle) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 29: Global: Automotive HVAC System (Electric Vehicle) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 30: North America: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 31: North America: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 32: United States: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 33: United States: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 34: Canada: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 35: Canada: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 36: Asia-Pacific: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 37: Asia-Pacific: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 38: China: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 39: China: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 40: Japan: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 41: Japan: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 42: India: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 43: India: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 44: South Korea: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 45: South Korea: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 46: Australia: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 47: Australia: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 48: Indonesia: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 49: Indonesia: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 50: Others: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 51: Others: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 52: Europe: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 53: Europe: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 54: Germany: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 55: Germany: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 56: France: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 57: France: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 58: United Kingdom: Automotive HVAC System Market: Sales Value (in Million

US\$), 2016 & 2021

Figure 59: United Kingdom: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 60: Italy: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 61: Italy: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 62: Spain: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 63: Spain: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 64: Russia: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 65: Russia: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 66: Others: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 67: Others: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 68: Latin America: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 69: Latin America: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 70: Brazil: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 71: Brazil: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 72: Mexico: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 73: Mexico: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 74: Others: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 75: Others: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 76: Middle East and Africa: Automotive HVAC System Market: Sales Value (in Million US\$), 2016 & 2021

Figure 77: Middle East and Africa: Automotive HVAC System Market: Breakup by Country (in %), 2021

Figure 78: Middle East and Africa: Automotive HVAC System Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 79: Global: Automotive HVAC System Industry: SWOT Analysis

Figure 80: Global: Automotive HVAC System Industry: Value Chain Analysis

Figure 81: Global: Automotive HVAC System Industry: Porter's Five Forces Analysis

I would like to order

Product name: Automotive HVAC System Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

Product link: <https://marketpublishers.com/r/AEC6B05DCCC0EN.html>

Price: US\$ 2,499.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/AEC6B05DCCC0EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

