

# Global Automotive HVAC Sensors Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Automotive HVAC Sensors market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

Automotive HVAC Sensors are used to monitoring the air condition in the HVAC system and cabins.

Automotive is a key driver of this industry. According to data from the World Automobile Organization (OICA), global automobile production and sales in 2017 reached their peak in the past 10 years, at 97.3 million and 95.89 million respectively. In 2018, the global economic expansion ended, and the global auto market declined as a whole. In 2022, there will wear units 81.6 million vehicles in the world. At present, more than 90% of the world's automobiles are concentrated in the three continents of Asia, Europe and North America, of which Asia automobile production accounts for 56% of the world, Europe accounts for 20%, and North America accounts for 16%. The world major automobile producing countries include China, the United States, Japan, South Korea, Germany, India, Mexico, and other countries; among them, China is the largest automobile producing country in the world, accounting for about 32%. Japan is the world's largest car exporter, exporting more than 3.5 million vehicles in 2022.

The Global Info Research report includes an overview of the development of the Automotive HVAC Sensors industry chain, the market status of Passenger Vehicle (Temperature Sensors, Humidity Sensors), Commercial Vehicle (Temperature Sensors, Humidity Sensors), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of

## Automotive HVAC Sensors.

Regionally, the report analyzes the Automotive HVAC Sensors markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Automotive HVAC Sensors market, with robust domestic demand, supportive policies, and a strong manufacturing base.

### Key Features:

The report presents comprehensive understanding of the Automotive HVAC Sensors market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Automotive HVAC Sensors industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Temperature Sensors, Humidity Sensors).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Automotive HVAC Sensors market.

**Regional Analysis:** The report involves examining the Automotive HVAC Sensors market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Automotive HVAC Sensors market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Automotive HVAC Sensors:

**Company Analysis:** Report covers individual Automotive HVAC Sensors manufacturers,

suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Automotive HVAC Sensors. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Passenger Vehicle, Commercial Vehicle).

**Technology Analysis:** Report covers specific technologies relevant to Automotive HVAC Sensors. It assesses the current state, advancements, and potential future developments in Automotive HVAC Sensors areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Automotive HVAC Sensors market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Automotive HVAC Sensors market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Temperature Sensors

Humidity Sensors

Pressure Sensors

Air Quality Sensors

Others

## Market segment by Application

Passenger Vehicle

Commercial Vehicle

## Major players covered

Siemens AG

Schneider Electric

Johnson Controls

Honeywell International Inc.

Sensata Technologies Inc.

United Technologies Corporation

Ingersoll Rand

Emerson Electric

Sensirion AG

## Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of

Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Automotive HVAC Sensors product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automotive HVAC Sensors, with price, sales, revenue and global market share of Automotive HVAC Sensors from 2019 to 2024.

Chapter 3, the Automotive HVAC Sensors competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Automotive HVAC Sensors breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Automotive HVAC Sensors market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Automotive HVAC Sensors.

Chapter 14 and 15, to describe Automotive HVAC Sensors sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope of Automotive HVAC Sensors

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Automotive HVAC Sensors Consumption Value by Type: 2019 Versus 2023 Versus 2030

1.3.2 Temperature Sensors

1.3.3 Humidity Sensors

1.3.4 Pressure Sensors

1.3.5 Air Quality Sensors

1.3.6 Others

1.4 Market Analysis by Application

1.4.1 Overview: Global Automotive HVAC Sensors Consumption Value by Application: 2019 Versus 2023 Versus 2030

1.4.2 Passenger Vehicle

1.4.3 Commercial Vehicle

1.5 Global Automotive HVAC Sensors Market Size & Forecast

1.5.1 Global Automotive HVAC Sensors Consumption Value (2019 & 2023 & 2030)

1.5.2 Global Automotive HVAC Sensors Sales Quantity (2019-2030)

1.5.3 Global Automotive HVAC Sensors Average Price (2019-2030)

### 2 MANUFACTURERS PROFILES

2.1 Siemens AG

2.1.1 Siemens AG Details

2.1.2 Siemens AG Major Business

2.1.3 Siemens AG Automotive HVAC Sensors Product and Services

2.1.4 Siemens AG Automotive HVAC Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.1.5 Siemens AG Recent Developments/Updates

2.2 Schneider Electric

2.2.1 Schneider Electric Details

2.2.2 Schneider Electric Major Business

2.2.3 Schneider Electric Automotive HVAC Sensors Product and Services

2.2.4 Schneider Electric Automotive HVAC Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

- 2.2.5 Schneider Electric Recent Developments/Updates
- 2.3 Johnson Controls
  - 2.3.1 Johnson Controls Details
  - 2.3.2 Johnson Controls Major Business
  - 2.3.3 Johnson Controls Automotive HVAC Sensors Product and Services
  - 2.3.4 Johnson Controls Automotive HVAC Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.3.5 Johnson Controls Recent Developments/Updates
- 2.4 Honeywell International Inc.
  - 2.4.1 Honeywell International Inc. Details
  - 2.4.2 Honeywell International Inc. Major Business
  - 2.4.3 Honeywell International Inc. Automotive HVAC Sensors Product and Services
  - 2.4.4 Honeywell International Inc. Automotive HVAC Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.4.5 Honeywell International Inc. Recent Developments/Updates
- 2.5 Sensata Technologies Inc.
  - 2.5.1 Sensata Technologies Inc. Details
  - 2.5.2 Sensata Technologies Inc. Major Business
  - 2.5.3 Sensata Technologies Inc. Automotive HVAC Sensors Product and Services
  - 2.5.4 Sensata Technologies Inc. Automotive HVAC Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.5.5 Sensata Technologies Inc. Recent Developments/Updates
- 2.6 United Technologies Corporation
  - 2.6.1 United Technologies Corporation Details
  - 2.6.2 United Technologies Corporation Major Business
  - 2.6.3 United Technologies Corporation Automotive HVAC Sensors Product and Services
  - 2.6.4 United Technologies Corporation Automotive HVAC Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.6.5 United Technologies Corporation Recent Developments/Updates
- 2.7 Ingersoll Rand
  - 2.7.1 Ingersoll Rand Details
  - 2.7.2 Ingersoll Rand Major Business
  - 2.7.3 Ingersoll Rand Automotive HVAC Sensors Product and Services
  - 2.7.4 Ingersoll Rand Automotive HVAC Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.7.5 Ingersoll Rand Recent Developments/Updates
- 2.8 Emerson Electric
  - 2.8.1 Emerson Electric Details



- 2.8.2 Emerson Electric Major Business
- 2.8.3 Emerson Electric Automotive HVAC Sensors Product and Services
- 2.8.4 Emerson Electric Automotive HVAC Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 Emerson Electric Recent Developments/Updates
- 2.9 Sensirion AG
  - 2.9.1 Sensirion AG Details
  - 2.9.2 Sensirion AG Major Business
  - 2.9.3 Sensirion AG Automotive HVAC Sensors Product and Services
  - 2.9.4 Sensirion AG Automotive HVAC Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.9.5 Sensirion AG Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: AUTOMOTIVE HVAC SENSORS BY MANUFACTURER**

- 3.1 Global Automotive HVAC Sensors Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Automotive HVAC Sensors Revenue by Manufacturer (2019-2024)
- 3.3 Global Automotive HVAC Sensors Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
  - 3.4.1 Producer Shipments of Automotive HVAC Sensors by Manufacturer Revenue (\$MM) and Market Share (%): 2023
  - 3.4.2 Top 3 Automotive HVAC Sensors Manufacturer Market Share in 2023
  - 3.4.2 Top 6 Automotive HVAC Sensors Manufacturer Market Share in 2023
- 3.5 Automotive HVAC Sensors Market: Overall Company Footprint Analysis
  - 3.5.1 Automotive HVAC Sensors Market: Region Footprint
  - 3.5.2 Automotive HVAC Sensors Market: Company Product Type Footprint
  - 3.5.3 Automotive HVAC Sensors Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global Automotive HVAC Sensors Market Size by Region
  - 4.1.1 Global Automotive HVAC Sensors Sales Quantity by Region (2019-2030)
  - 4.1.2 Global Automotive HVAC Sensors Consumption Value by Region (2019-2030)
  - 4.1.3 Global Automotive HVAC Sensors Average Price by Region (2019-2030)
- 4.2 North America Automotive HVAC Sensors Consumption Value (2019-2030)
- 4.3 Europe Automotive HVAC Sensors Consumption Value (2019-2030)



- 4.4 Asia-Pacific Automotive HVAC Sensors Consumption Value (2019-2030)
- 4.5 South America Automotive HVAC Sensors Consumption Value (2019-2030)
- 4.6 Middle East and Africa Automotive HVAC Sensors Consumption Value (2019-2030)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Automotive HVAC Sensors Sales Quantity by Type (2019-2030)
- 5.2 Global Automotive HVAC Sensors Consumption Value by Type (2019-2030)
- 5.3 Global Automotive HVAC Sensors Average Price by Type (2019-2030)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Automotive HVAC Sensors Sales Quantity by Application (2019-2030)
- 6.2 Global Automotive HVAC Sensors Consumption Value by Application (2019-2030)
- 6.3 Global Automotive HVAC Sensors Average Price by Application (2019-2030)

## **7 NORTH AMERICA**

- 7.1 North America Automotive HVAC Sensors Sales Quantity by Type (2019-2030)
- 7.2 North America Automotive HVAC Sensors Sales Quantity by Application (2019-2030)
- 7.3 North America Automotive HVAC Sensors Market Size by Country
  - 7.3.1 North America Automotive HVAC Sensors Sales Quantity by Country (2019-2030)
  - 7.3.2 North America Automotive HVAC Sensors Consumption Value by Country (2019-2030)
  - 7.3.3 United States Market Size and Forecast (2019-2030)
  - 7.3.4 Canada Market Size and Forecast (2019-2030)
  - 7.3.5 Mexico Market Size and Forecast (2019-2030)

## **8 EUROPE**

- 8.1 Europe Automotive HVAC Sensors Sales Quantity by Type (2019-2030)
- 8.2 Europe Automotive HVAC Sensors Sales Quantity by Application (2019-2030)
- 8.3 Europe Automotive HVAC Sensors Market Size by Country
  - 8.3.1 Europe Automotive HVAC Sensors Sales Quantity by Country (2019-2030)
  - 8.3.2 Europe Automotive HVAC Sensors Consumption Value by Country (2019-2030)
  - 8.3.3 Germany Market Size and Forecast (2019-2030)
  - 8.3.4 France Market Size and Forecast (2019-2030)

- 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
- 8.3.6 Russia Market Size and Forecast (2019-2030)
- 8.3.7 Italy Market Size and Forecast (2019-2030)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific Automotive HVAC Sensors Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific Automotive HVAC Sensors Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific Automotive HVAC Sensors Market Size by Region
  - 9.3.1 Asia-Pacific Automotive HVAC Sensors Sales Quantity by Region (2019-2030)
  - 9.3.2 Asia-Pacific Automotive HVAC Sensors Consumption Value by Region (2019-2030)
  - 9.3.3 China Market Size and Forecast (2019-2030)
  - 9.3.4 Japan Market Size and Forecast (2019-2030)
  - 9.3.5 Korea Market Size and Forecast (2019-2030)
  - 9.3.6 India Market Size and Forecast (2019-2030)
  - 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
  - 9.3.8 Australia Market Size and Forecast (2019-2030)

## **10 SOUTH AMERICA**

- 10.1 South America Automotive HVAC Sensors Sales Quantity by Type (2019-2030)
- 10.2 South America Automotive HVAC Sensors Sales Quantity by Application (2019-2030)
- 10.3 South America Automotive HVAC Sensors Market Size by Country
  - 10.3.1 South America Automotive HVAC Sensors Sales Quantity by Country (2019-2030)
  - 10.3.2 South America Automotive HVAC Sensors Consumption Value by Country (2019-2030)
  - 10.3.3 Brazil Market Size and Forecast (2019-2030)
  - 10.3.4 Argentina Market Size and Forecast (2019-2030)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Automotive HVAC Sensors Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa Automotive HVAC Sensors Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa Automotive HVAC Sensors Market Size by Country

11.3.1 Middle East & Africa Automotive HVAC Sensors Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Automotive HVAC Sensors Consumption Value by Country (2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)

11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

## **12 MARKET DYNAMICS**

12.1 Automotive HVAC Sensors Market Drivers

12.2 Automotive HVAC Sensors Market Restraints

12.3 Automotive HVAC Sensors Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of Automotive HVAC Sensors and Key Manufacturers

13.2 Manufacturing Costs Percentage of Automotive HVAC Sensors

13.3 Automotive HVAC Sensors Production Process

13.4 Automotive HVAC Sensors Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Automotive HVAC Sensors Typical Distributors

14.3 Automotive HVAC Sensors Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

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