

# Global Air Conditioning Electronic Expansion Valves (EEV) 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 Air Conditioning Electronic Expansion Valves (EEV) market size was valued at USD 2960.7 million in 2023 and is forecast to a readjusted size of USD 3977.2 million by 2030 with a CAGR of 4.3% during review period.

This report studies the Air Conditioning Electronic Expansion Valves market. The electronic expansion valve (EEV) operates with a much more sophisticated design. EEVs control the flow of refrigerant entering a direct expansion evaporator. They do this in response to signals sent to them by an electronic controller.

### Driving force

**Energy Efficiency:** EEVs are known for their high efficiency in regulating the flow of refrigerant in air conditioning systems. By precisely controlling the expansion of refrigerant, they enable the system to operate at optimal levels, resulting in energy savings. As energy efficiency continues to be a priority for consumers and regulatory bodies, the demand for EEVs has increased.

**Growing Construction and Infrastructure Projects:** The construction industry's growth, including residential, commercial, and industrial sectors, directly influences the demand for air conditioning systems and components like EEVs. As construction projects increase globally, particularly in emerging markets, the demand for efficient air conditioning solutions rises, thus driving the EEV market.

### Trends

**Miniaturization and Compact Design:** There is a growing demand for smaller and more compact HVAC systems, particularly in residential and light commercial applications. Miniaturization of components, including EEVs, allows for more flexible installation options and better space utilization. Manufacturers are focusing on developing compact EEVs without compromising performance to meet the requirements of space-constrained applications.

**Growing Demand in Emerging Markets:** The demand for air conditioning systems, including EEVs, is rising in emerging markets due to factors such as increasing disposable income, urbanization, and changing climatic conditions. Rising standards of living and infrastructure development in countries like China, India, and Southeast Asian nations are driving the growth of the air conditioning market, thereby creating opportunities for EEV manufacturers.

The Global Info Research report includes an overview of the development of the Air Conditioning Electronic Expansion Valves (EEV) industry chain, the market status of Home Inverter Air Conditioner (Electromagnetic EEV, Electric EEV), Commercial Air Conditioning (Electromagnetic EEV, Electric EEV), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Air Conditioning Electronic Expansion Valves (EEV).

Regionally, the report analyzes the Air Conditioning Electronic Expansion Valves (EEV) 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 Air Conditioning Electronic Expansion Valves (EEV) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Air Conditioning Electronic Expansion Valves (EEV) 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 Air Conditioning Electronic Expansion Valves (EEV) 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 Technology (e.g., Electromagnetic EEV, Electric EEV).

**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 Air Conditioning Electronic Expansion Valves (EEV) market.

**Regional Analysis:** The report involves examining the Air Conditioning Electronic Expansion Valves (EEV) 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 Air Conditioning Electronic Expansion Valves (EEV) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Air Conditioning Electronic Expansion Valves (EEV):

**Company Analysis:** Report covers individual Air Conditioning Electronic Expansion Valves (EEV) 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 Air Conditioning Electronic Expansion Valves (EEV) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Home Inverter Air Conditioner, Commercial Air Conditioning).

**Technology Analysis:** Report covers specific technologies relevant to Air Conditioning Electronic Expansion Valves (EEV). It assesses the current state, advancements, and potential future developments in Air Conditioning Electronic Expansion Valves (EEV) areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers,

the report present insights into the competitive landscape of the Air Conditioning Electronic Expansion Valves (EEV) 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

Air Conditioning Electronic Expansion Valves (EEV) market is split by Technology and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Technology, and by Application in terms of volume and value.

#### Market segment by Technology

- Electromagnetic EEV

- Electric EEV

#### Market segment by Application

- Home Inverter Air Conditioner

- Commercial Air Conditioning

#### Major players covered

- Fujikoki

- SANHUA

- DunaAn

- Saginomiya

Danfoss

Parker

Emerson

Castel

Carel

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 Air Conditioning Electronic Expansion Valves (EEV) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Air Conditioning Electronic Expansion Valves (EEV), with price, sales, revenue and global market share of Air Conditioning Electronic Expansion Valves (EEV) from 2019 to 2024.

Chapter 3, the Air Conditioning Electronic Expansion Valves (EEV) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Air Conditioning Electronic Expansion Valves (EEV) 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 Technology and application, with sales market share and growth rate by technology, 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 Air Conditioning Electronic Expansion Valves (EEV) market forecast, by regions, technology 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 Air Conditioning Electronic Expansion Valves (EEV).

Chapter 14 and 15, to describe Air Conditioning Electronic Expansion Valves (EEV) sales channel, distributors, customers, research findings and conclusion.

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