

Global Electromagnetic Expansion Valve Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Electromagnetic Expansion Valve market size was valued at US\$ 716 million in 2024 and is forecast to a readjusted size of USD 1230 million by 2031 with a CAGR of 8.0% during review period.

An electromagnetic expansion valve is a key component in refrigeration and air conditioning systems. It consists of an electromagnetic coil and a valve body. Before the electromagnetic coil is energized, the valve needle is in the fully open position. Once the coil is energized, due to the magnetic force, the plunger made of magnetic material is attracted and moves upward, driving the valve needle connected to the plunger to reduce the opening degree. The position of the valve needle's opening depends on the control voltage (coil current) applied to the coil. Therefore, the refrigerant flow rate of the expansion valve can be adjusted by changing the control voltage. It is widely used in various refrigeration and air conditioning equipment to accurately control the flow of refrigerant, so as to adapt to the change of heat load in the system and improve the efficiency and stability of the refrigeration system

This report is a detailed and comprehensive analysis for global Electromagnetic Expansion Valve market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Electromagnetic Expansion Valve market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Electromagnetic Expansion Valve market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Electromagnetic Expansion Valve market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Electromagnetic Expansion Valve market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Electromagnetic Expansion Valve

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Electromagnetic Expansion Valve market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Fujikoki, Danfoss, Parker, Emerson, Castel, Carel, KE2 Therm Solution, Eliwell, LG, Lucas-Nuelle, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Electromagnetic Expansion Valve market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Direct Acting

Decelerating Type

Market segment by Application

Collect Superheat Signal

Improve The System

Defrosting of Heat Pump Unit

Others

Major players covered

Fujikoki

Danfoss

Parker

Emerson

Castel

Carel

KE2 Therm Solution

Eliwell

LG

Lucas-Nuelle

Saad Automation Engineers

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 Electromagnetic Expansion Valve product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Electromagnetic Expansion Valve, with price, sales quantity, revenue, and global market share of Electromagnetic Expansion Valve from 2020 to 2025.

Chapter 3, the Electromagnetic Expansion Valve competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Electromagnetic Expansion Valve breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and Electromagnetic Expansion Valve market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Electromagnetic Expansion Valve.

Chapter 14 and 15, to describe Electromagnetic Expansion Valve sales channel, distributors, customers, research findings and conclusion.

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