

Global Refrigeration and Air Conditioning System Valves 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 Refrigeration and Air Conditioning System Valves market size was valued at US\$ 6722 million in 2024 and is forecast to a readjusted size of USD 9730 million by 2031 with a CAGR of 5.5% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Refrigeration and air conditioning system valves are key components to ensure efficient and stable operation of air conditioning and refrigeration equipment, and are widely used in household air conditioning and commercial central air conditioning systems. These valves mainly include expansion valves, stop valves, check valves, solenoid valves and regulating valves, each of which has different functions. The expansion valve is used to accurately control the flow of refrigerant to ensure the optimal distribution of refrigerant in the evaporator; the stop valve is used to cut off or open the refrigerant flow path to facilitate the installation and maintenance of the system; the check valve prevents refrigerant backflow and protects the system from pressure shock; the solenoid valve responds quickly through electronic control to achieve automatic control; the regulating valve is used to finely adjust the pressure and flow of the refrigerant to optimize system performance, etc.

This report is a detailed and comprehensive analysis for global Refrigeration and Air Conditioning System Valves 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 Refrigeration and Air Conditioning System Valves market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Refrigeration and Air Conditioning System Valves 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 Refrigeration and Air Conditioning System Valves 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 Refrigeration and Air Conditioning System Valves 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 Refrigeration and Air Conditioning System Valves
- 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 Refrigeration and Air Conditioning System Valves 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 Danfoss, Saginomiya Seisakusho, Fujikoki, Emerson, CAREL, Parker, Castel, Zhongshan Okayama Seiko, Zhejiang Sanhua Intelligent Controls, Zhejiang Dunan Artificial Environment, etc.

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

Market Segmentation

Refrigeration and Air Conditioning System Valves 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

Shut-Off Valves

Four Way Reversing Valves

Electronic Expansion Valves

Thermal Expansion Valves

Solenoid Valves

Ball Valves

Market segment by Application

Household Air Conditioning

Commercial Air Conditioning

Major players covered

Danfoss

Saginomiya Seisakusho

Fujikoki

Emerson

CAREL

Parker

Castel

Zhongshan Okayama Seiko

Zhejiang Sanhua Intelligent Controls

Zhejiang Dunan Artificial Environment

Shanghai Fengshen Refrigeration Controls

Gangli Refrigeration Fittings

Zhejiang Hengsen Industrial Group

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 Refrigeration and Air Conditioning System Valves product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Refrigeration and Air Conditioning System Valves, with price, sales quantity, revenue, and global market share of Refrigeration and Air Conditioning System Valves from 2020 to 2025.

Chapter 3, the Refrigeration and Air Conditioning System Valves competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Refrigeration and Air Conditioning System Valves 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 Refrigeration and Air Conditioning System Valves 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 Refrigeration and Air Conditioning System Valves.

Chapter 14 and 15, to describe Refrigeration and Air Conditioning System Valves sales channel, distributors, customers, research findings and conclusion.

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