

# Global H Type Thermal Expansion Valve Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global H Type Thermal Expansion Valve market size is expected to reach \$ 472 million by 2032, rising at a market growth of 3.7% CAGR during the forecast period (2026-2032).

In 2024, the global production of H-type thermostatic expansion valves reached 47.4547 million units, with an average selling price of US\$7.5 per unit. The global annual production capacity of H-type thermostatic expansion valves is approximately 62.5 million units, with a gross profit margin of approximately 25.1%. H-type thermostatic expansion valves are devices used in refrigeration and air conditioning systems, primarily for controlling refrigerant flow. Unlike F-type thermostatic expansion valves, H-type thermostatic expansion valves typically employ a dual-channel design, allowing for more flexible adaptation to various refrigeration needs. The upstream of the H-type thermostatic expansion valve industry chain includes metal materials, sealing materials and elastic elements, and surface treatment/coating materials. The midstream consists of H-type thermostatic expansion valve manufacturers, while the downstream mainly comprises the automotive, air conditioning, and refrigeration industries.

H-type thermostatic expansion valves currently hold a significant position in the automotive air conditioning and refrigeration field. With their advantages such as internal temperature sensing design, compact structure, and vibration resistance, they have become the mainstream choice in the domestic and international automotive air conditioning industry, widely used in the refrigeration systems of various fuel-powered and new energy vehicles. In the market, the demand for H-type thermostatic expansion valves is stable, and manufacturers continuously optimize their performance to meet automakers' requirements for refrigeration efficiency, reliability, and energy efficiency. Although electronic expansion valves are gradually emerging in some high-end models, H-type thermostatic expansion valves still maintain a large market share due to their mature technology and cost advantages, and are an important component of throttling

elements in refrigeration systems.

This report studies the global H Type Thermal Expansion Valve production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for H Type Thermal Expansion Valve and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of H Type Thermal Expansion Valve that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global H Type Thermal Expansion Valve total production and demand, 2021-2032, (K Units)

Global H Type Thermal Expansion Valve total production value, 2021-2032, (USD Million)

Global H Type Thermal Expansion Valve production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global H Type Thermal Expansion Valve consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: H Type Thermal Expansion Valve domestic production, consumption, key domestic manufacturers and share

Global H Type Thermal Expansion Valve production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global H Type Thermal Expansion Valve production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global H Type Thermal Expansion Valve production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global H Type Thermal Expansion Valve market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Danfoss, Emerson, Parker, Egelhof, TGK, Fujikoki, Castel, SANHUA, XIN JING, Ningbo Songying, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World H Type Thermal Expansion Valve market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the

forecast year.

Global H Type Thermal Expansion Valve Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global H Type Thermal Expansion Valve Market, Segmentation by Type:

Mechanical

Electrical

Global H Type Thermal Expansion Valve Market, Segmentation by Interface Type:

Welded Type

Flanged Type

Threaded Connection Type

Global H Type Thermal Expansion Valve Market, Segmentation by Temperature Range:

Medium Temperature Type

Low Temperature Type

Global H Type Thermal Expansion Valve Market, Segmentation by Application:

Refrigeration Industry

Air Conditioning Industry

Automotive Industry

Food Industry

Chemical Industry

Others

**Companies Profiled:**

Danfoss

Emerson

Parker

Egelhof

TGK

Fujikoki

Castel

SANHUA

XIN JING

Ningbo Songying

Zhejiang Shike Auto Parts

Dunan Environment

CHUNHUI CONTROLS

KEDI JX

**Key Questions Answered:**

1. How big is the global H Type Thermal Expansion Valve market?
2. What is the demand of the global H Type Thermal Expansion Valve market?
3. What is the year over year growth of the global H Type Thermal Expansion Valve market?
4. What is the production and production value of the global H Type Thermal Expansion Valve market?
5. Who are the key producers in the global H Type Thermal Expansion Valve market?
6. What are the growth factors driving the market demand?

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