

Global Air Conditioning Expansion Valve Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GE23B357818AEN.html>

Date: April 2026

Pages: 142

Price: US\$ 4,480.00 (Single User License)

ID: GE23B357818AEN

Abstracts

The global Air Conditioning Expansion Valve market size is expected to reach \$ 7245 million by 2032, rising at a market growth of 8.9% CAGR during the forecast period (2026-2032).

In 2025, global Air Conditioning Expansion Valve production reached approximately 138.9 M Units. The average price is approximately \$28. Air Conditioning Expansion Valve is a key throttling and control element in the air conditioning refrigeration cycle. Its main function is to throttle and reduce the pressure of the high-pressure liquid refrigerant from the condenser and regulate its flow rate, so that it can quickly evaporate and absorb heat after entering the evaporator, thereby achieving the cooling effect.

Gross Profit Margin Level

The air conditioning expansion valve industry as a whole belongs to the mid-to-high gross profit margin precision control valve sector, but the profitability levels vary significantly between different product lines. Traditional thermostatic expansion valves (TXV/TEV) have undergone years of standardization and have a relatively mature product structure. Their main costs come from brass/copper materials, temperature sensing elements, seals, and processing and assembly. Therefore, their profit model leans towards large-scale supply and stable manufacturing efficiency. Electronic expansion valves (EEV/EXV), on the other hand, typically have higher added value due to the addition of stepper motors, drive control, software matching, and higher flow control accuracy. Public information shows that Sanhua Intelligent Control, in its refrigeration and air conditioning electrical components business, mentioned that products such as electronic expansion valves continue to benefit from heat pumps, energy storage thermal management, and high-efficiency upgrades, reflecting the

increasing value of high-end valve products. Considering the industry's manufacturing attributes, product complexity, and customer certification barriers, the gross profit margin for traditional HVAC expansion valves is typically around 18%–28%, while electronic expansion valves and high-end automotive/heat pump valve bodies are roughly 25%–35%. Leading manufacturers can further approach 30%–40% in niche areas such as high-pressure CO₂, low-GWP refrigerants, and automotive heat pump integrated valve blocks. If different product structures are aggregated, the overall industry gross profit margin is roughly 22%–32%. This level is higher than that of general-purpose valves, but still lower than that of lighter-asset segments such as compressor control software or purely electronic control modules.

Industry Drivers

The growth of the air conditioning expansion valve industry primarily stems from increasingly stringent energy-saving regulations and upgrades in overall system energy efficiency. Danfoss explicitly emphasizes that the core task of expansion valves is to stably control refrigerant flow and superheat, thereby improving evaporator utilization and system efficiency. CAREL also positions electronic expansion valves as crucial components for improving system performance and adapting to a wider range of load conditions. Secondly, the trends of heat pump and variable frequency technology are driving a continuous increase in the penetration rate of electronic expansion valves, especially in the fields of residential heat pumps, commercial HVAC, VRF/VRV, and heat pump water heaters, where systems require more refined dynamic control capabilities. Thirdly, the replacement of low-GWP refrigerants is becoming an important source of incremental growth. Manufacturers such as Saginomiya, Castel, and OLAB have emphasized in their public information the compatibility of their products with new refrigerants such as R32, R1234yf, R454B/R454C, and CO₂. This means that refrigerant switching is bringing about upgrades in valve body design, sealing materials, and control strategies. Fourthly, thermal management in new energy vehicles has become a high-growth sub-sector. Companies such as Fujikoki, Egelhof, Hanon, Valeo, and MAHLE are all deploying electronic expansion valves and heat pump valve assemblies for automobiles, driving the upgrade of automotive air conditioning expansion valves from traditional mechanical types to electronic and integrated systems. Finally, the global HVAC system market continues to expand, providing a stable underlying demand for expansion valves.

This report studies the global Air Conditioning Expansion Valve production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Air Conditioning 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 Air Conditioning Expansion Valve that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Air Conditioning Expansion Valve total production and demand, 2021-2032, (K Units)

Global Air Conditioning Expansion Valve total production value, 2021-2032, (USD Million)

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

Global Air Conditioning Expansion Valve consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Air Conditioning Expansion Valve domestic production, consumption, key domestic manufacturers and share

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

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

Global Air Conditioning Expansion Valve production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Air Conditioning 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, Sanhua, Fujikoki, Parker Sporlan, Copeland, Saginomiya, CAREL, DunAn, Castel, DENSO, 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 Air Conditioning 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 Air Conditioning Expansion Valve Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Air Conditioning Expansion Valve Market, Segmentation by Type:

Thermostatic Expansion Valve

Electronic Expansion Valve

Automatic Expansion Valve

Others

Global Air Conditioning Expansion Valve Market, Segmentation by Drive Method:

Thermal Drive

Electromagnetic Drive

Others

Global Air Conditioning Expansion Valve Market, Segmentation by Valve Port Structure:

Conical Valve Needle

Slotted Valve Needle

Multi-Hole Valve Needle

Others

Global Air Conditioning Expansion Valve Market, Segmentation by Application:

Cold Chain Logistics Industry

Automotive Industry

Industrial Refrigeration Industry

Others

Companies Profiled:

Danfoss

Sanhua

Fujikoki

Parker Sporlan

Copeland

Saginomiya

CAREL

DunAn

Castel

DENSO

Honeywell

Resideo

Robertshaw

Egelhof

Valeo

MAHLE

Hanon Systems

Four Seasons

HELLA

Key Questions Answered:

1. How big is the global Air Conditioning Expansion Valve market?

2. What is the demand of the global Air Conditioning Expansion Valve market?
3. What is the year over year growth of the global Air Conditioning Expansion Valve market?
4. What is the production and production value of the global Air Conditioning Expansion Valve market?
5. Who are the key producers in the global Air Conditioning Expansion Valve market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Air Conditioning Expansion Valve Introduction
- 1.2 World Air Conditioning Expansion Valve Supply & Forecast
 - 1.2.1 World Air Conditioning Expansion Valve Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Air Conditioning Expansion Valve Production (2021-2032)
 - 1.2.3 World Air Conditioning Expansion Valve Pricing Trends (2021-2032)
- 1.3 World Air Conditioning Expansion Valve Production by Region (Based on Production Site)
 - 1.3.1 World Air Conditioning Expansion Valve Production Value by Region (2021-2032)
 - 1.3.2 World Air Conditioning Expansion Valve Production by Region (2021-2032)
 - 1.3.3 World Air Conditioning Expansion Valve Average Price by Region (2021-2032)
 - 1.3.4 North America Air Conditioning Expansion Valve Production (2021-2032)
 - 1.3.5 Europe Air Conditioning Expansion Valve Production (2021-2032)
 - 1.3.6 China Air Conditioning Expansion Valve Production (2021-2032)
 - 1.3.7 Japan Air Conditioning Expansion Valve Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Air Conditioning Expansion Valve Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Air Conditioning Expansion Valve Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Air Conditioning Expansion Valve Demand (2021-2032)
- 2.2 World Air Conditioning Expansion Valve Consumption by Region
 - 2.2.1 World Air Conditioning Expansion Valve Consumption by Region (2021-2026)
 - 2.2.2 World Air Conditioning Expansion Valve Consumption Forecast by Region (2027-2032)
- 2.3 United States Air Conditioning Expansion Valve Consumption (2021-2032)
- 2.4 China Air Conditioning Expansion Valve Consumption (2021-2032)
- 2.5 Europe Air Conditioning Expansion Valve Consumption (2021-2032)
- 2.6 Japan Air Conditioning Expansion Valve Consumption (2021-2032)
- 2.7 South Korea Air Conditioning Expansion Valve Consumption (2021-2032)
- 2.8 ASEAN Air Conditioning Expansion Valve Consumption (2021-2032)
- 2.9 India Air Conditioning Expansion Valve Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Air Conditioning Expansion Valve Production Value by Manufacturer (2021-2026)
- 3.2 World Air Conditioning Expansion Valve Production by Manufacturer (2021-2026)
- 3.3 World Air Conditioning Expansion Valve Average Price by Manufacturer (2021-2026)
- 3.4 Air Conditioning Expansion Valve Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Air Conditioning Expansion Valve Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Air Conditioning Expansion Valve in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Air Conditioning Expansion Valve in 2025
- 3.6 Air Conditioning Expansion Valve Market: Overall Company Footprint Analysis
 - 3.6.1 Air Conditioning Expansion Valve Market: Region Footprint
 - 3.6.2 Air Conditioning Expansion Valve Market: Company Product Type Footprint
 - 3.6.3 Air Conditioning Expansion Valve Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Air Conditioning Expansion Valve Production Value Comparison
 - 4.1.1 United States VS China: Air Conditioning Expansion Valve Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Air Conditioning Expansion Valve Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Air Conditioning Expansion Valve Production Comparison
 - 4.2.1 United States VS China: Air Conditioning Expansion Valve Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Air Conditioning Expansion Valve Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Air Conditioning Expansion Valve Consumption Comparison

4.3.1 United States VS China: Air Conditioning Expansion Valve Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Air Conditioning Expansion Valve Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Air Conditioning Expansion Valve Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Air Conditioning Expansion Valve Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Air Conditioning Expansion Valve Production Value (2021-2026)

4.4.3 United States Based Manufacturers Air Conditioning Expansion Valve Production (2021-2026)

4.5 China Based Air Conditioning Expansion Valve Manufacturers and Market Share

4.5.1 China Based Air Conditioning Expansion Valve Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Air Conditioning Expansion Valve Production Value (2021-2026)

4.5.3 China Based Manufacturers Air Conditioning Expansion Valve Production (2021-2026)

4.6 Rest of World Based Air Conditioning Expansion Valve Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Air Conditioning Expansion Valve Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Air Conditioning Expansion Valve Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Air Conditioning Expansion Valve Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Air Conditioning Expansion Valve Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Thermostatic Expansion Valve

5.2.2 Electronic Expansion Valve

5.2.3 Automatic Expansion Valve

5.2.4 Others

5.3 Market Segment by Type

5.3.1 World Air Conditioning Expansion Valve Production by Type (2021-2032)

- 5.3.2 World Air Conditioning Expansion Valve Production Value by Type (2021-2032)
- 5.3.3 World Air Conditioning Expansion Valve Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY DRIVE METHOD

- 6.1 World Air Conditioning Expansion Valve Market Size Overview by Drive Method: 2021 VS 2025 VS 2032
- 6.2 Segment Introduction by Drive Method
 - 6.2.1 Thermal Drive
 - 6.2.2 Electromagnetic Drive
 - 6.2.3 Others
- 6.3 Market Segment by Drive Method
 - 6.3.1 World Air Conditioning Expansion Valve Production by Drive Method (2021-2032)
 - 6.3.2 World Air Conditioning Expansion Valve Production Value by Drive Method (2021-2032)
 - 6.3.3 World Air Conditioning Expansion Valve Average Price by Drive Method (2021-2032)

7 MARKET ANALYSIS BY VALVE PORT STRUCTURE

- 7.1 World Air Conditioning Expansion Valve Market Size Overview by Valve Port Structure: 2021 VS 2025 VS 2032
- 7.2 Segment Introduction by Valve Port Structure
 - 7.2.1 Conical Valve Needle
 - 7.2.2 Slotted Valve Needle
 - 7.2.3 Multi-Hole Valve Needle
 - 7.2.4 Others
- 7.3 Market Segment by Valve Port Structure
 - 7.3.1 World Air Conditioning Expansion Valve Production by Valve Port Structure (2021-2032)
 - 7.3.2 World Air Conditioning Expansion Valve Production Value by Valve Port Structure (2021-2032)
 - 7.3.3 World Air Conditioning Expansion Valve Average Price by Valve Port Structure (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

- 8.1 World Air Conditioning Expansion Valve Market Size Overview by Application: 2021

VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Cold Chain Logistics Industry

8.2.2 Automotive Industry

8.2.3 Industrial Refrigeration Industry

8.2.4 Others

8.3 Market Segment by Application

8.3.1 World Air Conditioning Expansion Valve Production by Application (2021-2032)

8.3.2 World Air Conditioning Expansion Valve Production Value by Application (2021-2032)

8.3.3 World Air Conditioning Expansion Valve Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Danfoss

9.1.1 Danfoss Details

9.1.2 Danfoss Major Business

9.1.3 Danfoss Air Conditioning Expansion Valve Product and Services

9.1.4 Danfoss Air Conditioning Expansion Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Danfoss Recent Developments/Updates

9.1.6 Danfoss Competitive Strengths & Weaknesses

9.2 Sanhua

9.2.1 Sanhua Details

9.2.2 Sanhua Major Business

9.2.3 Sanhua Air Conditioning Expansion Valve Product and Services

9.2.4 Sanhua Air Conditioning Expansion Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Sanhua Recent Developments/Updates

9.2.6 Sanhua Competitive Strengths & Weaknesses

9.3 Fujikoki

9.3.1 Fujikoki Details

9.3.2 Fujikoki Major Business

9.3.3 Fujikoki Air Conditioning Expansion Valve Product and Services

9.3.4 Fujikoki Air Conditioning Expansion Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Fujikoki Recent Developments/Updates

9.3.6 Fujikoki Competitive Strengths & Weaknesses

9.4 Parker Sporlan

9.4.1 Parker Sporlan Details

9.4.2 Parker Sporlan Major Business

9.4.3 Parker Sporlan Air Conditioning Expansion Valve Product and Services

9.4.4 Parker Sporlan Air Conditioning Expansion Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Parker Sporlan Recent Developments/Updates

9.4.6 Parker Sporlan Competitive Strengths & Weaknesses

9.5 Copeland

9.5.1 Copeland Details

9.5.2 Copeland Major Business

9.5.3 Copeland Air Conditioning Expansion Valve Product and Services

9.5.4 Copeland Air Conditioning Expansion Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 Copeland Recent Developments/Updates

9.5.6 Copeland Competitive Strengths & Weaknesses

9.6 Saginomiya

9.6.1 Saginomiya Details

9.6.2 Saginomiya Major Business

9.6.3 Saginomiya Air Conditioning Expansion Valve Product and Services

9.6.4 Saginomiya Air Conditioning Expansion Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Saginomiya Recent Developments/Updates

9.6.6 Saginomiya Competitive Strengths & Weaknesses

9.7 CAREL

9.7.1 CAREL Details

9.7.2 CAREL Major Business

9.7.3 CAREL Air Conditioning Expansion Valve Product and Services

9.7.4 CAREL Air Conditioning Expansion Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 CAREL Recent Developments/Updates

9.7.6 CAREL Competitive Strengths & Weaknesses

9.8 DunAn

9.8.1 DunAn Details

9.8.2 DunAn Major Business

9.8.3 DunAn Air Conditioning Expansion Valve Product and Services

9.8.4 DunAn Air Conditioning Expansion Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 DunAn Recent Developments/Updates

9.8.6 DunAn Competitive Strengths & Weaknesses

9.9 Castel

9.9.1 Castel Details

9.9.2 Castel Major Business

9.9.3 Castel Air Conditioning Expansion Valve Product and Services

9.9.4 Castel Air Conditioning Expansion Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 Castel Recent Developments/Updates

9.9.6 Castel Competitive Strengths & Weaknesses

9.10 DENSO

9.10.1 DENSO Details

9.10.2 DENSO Major Business

9.10.3 DENSO Air Conditioning Expansion Valve Product and Services

9.10.4 DENSO Air Conditioning Expansion Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.10.5 DENSO Recent Developments/Updates

9.10.6 DENSO Competitive Strengths & Weaknesses

9.11 Honeywell

9.11.1 Honeywell Details

9.11.2 Honeywell Major Business

9.11.3 Honeywell Air Conditioning Expansion Valve Product and Services

9.11.4 Honeywell Air Conditioning Expansion Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.11.5 Honeywell Recent Developments/Updates

9.11.6 Honeywell Competitive Strengths & Weaknesses

9.12 Resideo

9.12.1 Resideo Details

9.12.2 Resideo Major Business

9.12.3 Resideo Air Conditioning Expansion Valve Product and Services

9.12.4 Resideo Air Conditioning Expansion Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.12.5 Resideo Recent Developments/Updates

9.12.6 Resideo Competitive Strengths & Weaknesses

9.13 Robertshaw

9.13.1 Robertshaw Details

9.13.2 Robertshaw Major Business

9.13.3 Robertshaw Air Conditioning Expansion Valve Product and Services

9.13.4 Robertshaw Air Conditioning Expansion Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

- 9.13.5 Robertshaw Recent Developments/Updates
- 9.13.6 Robertshaw Competitive Strengths & Weaknesses
- 9.14 Egelhof
 - 9.14.1 Egelhof Details
 - 9.14.2 Egelhof Major Business
 - 9.14.3 Egelhof Air Conditioning Expansion Valve Product and Services
 - 9.14.4 Egelhof Air Conditioning Expansion Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.14.5 Egelhof Recent Developments/Updates
 - 9.14.6 Egelhof Competitive Strengths & Weaknesses
- 9.15 Valeo
 - 9.15.1 Valeo Details
 - 9.15.2 Valeo Major Business
 - 9.15.3 Valeo Air Conditioning Expansion Valve Product and Services
 - 9.15.4 Valeo Air Conditioning Expansion Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.15.5 Valeo Recent Developments/Updates
 - 9.15.6 Valeo Competitive Strengths & Weaknesses
- 9.16 MAHLE
 - 9.16.1 MAHLE Details
 - 9.16.2 MAHLE Major Business
 - 9.16.3 MAHLE Air Conditioning Expansion Valve Product and Services
 - 9.16.4 MAHLE Air Conditioning Expansion Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.16.5 MAHLE Recent Developments/Updates
 - 9.16.6 MAHLE Competitive Strengths & Weaknesses
- 9.17 Hanon Systems
 - 9.17.1 Hanon Systems Details
 - 9.17.2 Hanon Systems Major Business
 - 9.17.3 Hanon Systems Air Conditioning Expansion Valve Product and Services
 - 9.17.4 Hanon Systems Air Conditioning Expansion Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.17.5 Hanon Systems Recent Developments/Updates
 - 9.17.6 Hanon Systems Competitive Strengths & Weaknesses
- 9.18 Four Seasons
 - 9.18.1 Four Seasons Details
 - 9.18.2 Four Seasons Major Business
 - 9.18.3 Four Seasons Air Conditioning Expansion Valve Product and Services
 - 9.18.4 Four Seasons Air Conditioning Expansion Valve Production, Price, Value,

Gross Margin and Market Share (2021-2026)

9.18.5 Four Seasons Recent Developments/Updates

9.18.6 Four Seasons Competitive Strengths & Weaknesses

9.19 HELLA

9.19.1 HELLA Details

9.19.2 HELLA Major Business

9.19.3 HELLA Air Conditioning Expansion Valve Product and Services

9.19.4 HELLA Air Conditioning Expansion Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.19.5 HELLA Recent Developments/Updates

9.19.6 HELLA Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Air Conditioning Expansion Valve Industry Chain

10.2 Air Conditioning Expansion Valve Upstream Analysis

10.2.1 Air Conditioning Expansion Valve Core Raw Materials

10.2.2 Main Manufacturers of Air Conditioning Expansion Valve Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Air Conditioning Expansion Valve Production Mode

10.6 Air Conditioning Expansion Valve Procurement Model

10.7 Air Conditioning Expansion Valve Industry Sales Model and Sales Channels

10.7.1 Air Conditioning Expansion Valve Sales Model

10.7.2 Air Conditioning Expansion Valve Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Air Conditioning Expansion Valve Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Air Conditioning Expansion Valve Production Value by Region (2021-2026) & (USD Million)

Table 3. World Air Conditioning Expansion Valve Production Value by Region (2027-2032) & (USD Million)

Table 4. World Air Conditioning Expansion Valve Production Value Market Share by Region (2021-2026)

Table 5. World Air Conditioning Expansion Valve Production Value Market Share by Region (2027-2032)

Table 6. World Air Conditioning Expansion Valve Production by Region (2021-2026) & (K Units)

Table 7. World Air Conditioning Expansion Valve Production by Region (2027-2032) & (K Units)

Table 8. World Air Conditioning Expansion Valve Production Market Share by Region (2021-2026)

Table 9. World Air Conditioning Expansion Valve Production Market Share by Region (2027-2032)

Table 10. World Air Conditioning Expansion Valve Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World Air Conditioning Expansion Valve Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. Air Conditioning Expansion Valve Major Market Trends

Table 13. World Air Conditioning Expansion Valve Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)

Table 14. World Air Conditioning Expansion Valve Consumption by Region (2021-2026) & (K Units)

Table 15. World Air Conditioning Expansion Valve Consumption Forecast by Region (2027-2032) & (K Units)

Table 16. World Air Conditioning Expansion Valve Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Air Conditioning Expansion Valve Producers in 2025

Table 18. World Air Conditioning Expansion Valve Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key Air Conditioning Expansion Valve Producers in 2025

Table 20. World Air Conditioning Expansion Valve Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Air Conditioning Expansion Valve Company Evaluation Quadrant

Table 22. World Air Conditioning Expansion Valve Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Air Conditioning Expansion Valve Production Site of Key Manufacturer

Table 24. Air Conditioning Expansion Valve Market: Company Product Type Footprint

Table 25. Air Conditioning Expansion Valve Market: Company Product Application Footprint

Table 26. Air Conditioning Expansion Valve Competitive Factors

Table 27. Air Conditioning Expansion Valve New Entrant and Capacity Expansion Plans

Table 28. Air Conditioning Expansion Valve Mergers & Acquisitions Activity

Table 29. United States VS China Air Conditioning Expansion Valve Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Air Conditioning Expansion Valve Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China Air Conditioning Expansion Valve Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based Air Conditioning Expansion Valve Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Air Conditioning Expansion Valve Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Air Conditioning Expansion Valve Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Air Conditioning Expansion Valve Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers Air Conditioning Expansion Valve Production Market Share (2021-2026)

Table 37. China Based Air Conditioning Expansion Valve Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Air Conditioning Expansion Valve Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Air Conditioning Expansion Valve Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Air Conditioning Expansion Valve Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers Air Conditioning Expansion Valve Production Market Share (2021-2026)

Table 42. Rest of World Based Air Conditioning Expansion Valve Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Air Conditioning Expansion Valve Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Air Conditioning Expansion Valve Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Air Conditioning Expansion Valve Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers Air Conditioning Expansion Valve Production Market Share (2021-2026)

Table 47. World Air Conditioning Expansion Valve Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Air Conditioning Expansion Valve Production by Type (2021-2026) & (K Units)

Table 49. World Air Conditioning Expansion Valve Production by Type (2027-2032) & (K Units)

Table 50. World Air Conditioning Expansion Valve Production Value by Type (2021-2026) & (USD Million)

Table 51. World Air Conditioning Expansion Valve Production Value by Type (2027-2032) & (USD Million)

Table 52. World Air Conditioning Expansion Valve Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Air Conditioning Expansion Valve Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Air Conditioning Expansion Valve Production Value by Drive Method, (USD Million), 2021 & 2025 & 2032

Table 55. World Air Conditioning Expansion Valve Production by Drive Method (2021-2026) & (K Units)

Table 56. World Air Conditioning Expansion Valve Production by Drive Method (2027-2032) & (K Units)

Table 57. World Air Conditioning Expansion Valve Production Value by Drive Method (2021-2026) & (USD Million)

Table 58. World Air Conditioning Expansion Valve Production Value by Drive Method (2027-2032) & (USD Million)

Table 59. World Air Conditioning Expansion Valve Average Price by Drive Method (2021-2026) & (US\$/Unit)

Table 60. World Air Conditioning Expansion Valve Average Price by Drive Method

(2027-2032) & (US\$/Unit)

Table 61. World Air Conditioning Expansion Valve Production Value by Valve Port Structure, (USD Million), 2021 & 2025 & 2032

Table 62. World Air Conditioning Expansion Valve Production by Valve Port Structure (2021-2026) & (K Units)

Table 63. World Air Conditioning Expansion Valve Production by Valve Port Structure (2027-2032) & (K Units)

Table 64. World Air Conditioning Expansion Valve Production Value by Valve Port Structure (2021-2026) & (USD Million)

Table 65. World Air Conditioning Expansion Valve Production Value by Valve Port Structure (2027-2032) & (USD Million)

Table 66. World Air Conditioning Expansion Valve Average Price by Valve Port Structure (2021-2026) & (US\$/Unit)

Table 67. World Air Conditioning Expansion Valve Average Price by Valve Port Structure (2027-2032) & (US\$/Unit)

Table 68. World Air Conditioning Expansion Valve Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Air Conditioning Expansion Valve Production by Application (2021-2026) & (K Units)

Table 70. World Air Conditioning Expansion Valve Production by Application (2027-2032) & (K Units)

Table 71. World Air Conditioning Expansion Valve Production Value by Application (2021-2026) & (USD Million)

Table 72. World Air Conditioning Expansion Valve Production Value by Application (2027-2032) & (USD Million)

Table 73. World Air Conditioning Expansion Valve Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World Air Conditioning Expansion Valve Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. Danfoss Basic Information, Manufacturing Base and Competitors

Table 76. Danfoss Major Business

Table 77. Danfoss Air Conditioning Expansion Valve Product and Services

Table 78. Danfoss Air Conditioning Expansion Valve Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Danfoss Recent Developments/Updates

Table 80. Danfoss Competitive Strengths & Weaknesses

Table 81. Sanhua Basic Information, Manufacturing Base and Competitors

Table 82. Sanhua Major Business

- Table 83. Sanhua Air Conditioning Expansion Valve Product and Services
- Table 84. Sanhua Air Conditioning Expansion Valve Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 85. Sanhua Recent Developments/Updates
- Table 86. Sanhua Competitive Strengths & Weaknesses
- Table 87. Fujikoki Basic Information, Manufacturing Base and Competitors
- Table 88. Fujikoki Major Business
- Table 89. Fujikoki Air Conditioning Expansion Valve Product and Services
- Table 90. Fujikoki Air Conditioning Expansion Valve Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 91. Fujikoki Recent Developments/Updates
- Table 92. Fujikoki Competitive Strengths & Weaknesses
- Table 93. Parker Sporlan Basic Information, Manufacturing Base and Competitors
- Table 94. Parker Sporlan Major Business
- Table 95. Parker Sporlan Air Conditioning Expansion Valve Product and Services
- Table 96. Parker Sporlan Air Conditioning Expansion Valve Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 97. Parker Sporlan Recent Developments/Updates
- Table 98. Parker Sporlan Competitive Strengths & Weaknesses
- Table 99. Copeland Basic Information, Manufacturing Base and Competitors
- Table 100. Copeland Major Business
- Table 101. Copeland Air Conditioning Expansion Valve Product and Services
- Table 102. Copeland Air Conditioning Expansion Valve Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 103. Copeland Recent Developments/Updates
- Table 104. Copeland Competitive Strengths & Weaknesses
- Table 105. Saginomiya Basic Information, Manufacturing Base and Competitors
- Table 106. Saginomiya Major Business
- Table 107. Saginomiya Air Conditioning Expansion Valve Product and Services
- Table 108. Saginomiya Air Conditioning Expansion Valve Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 109. Saginomiya Recent Developments/Updates
- Table 110. Saginomiya Competitive Strengths & Weaknesses
- Table 111. CAREL Basic Information, Manufacturing Base and Competitors

Table 112. CAREL Major Business

Table 113. CAREL Air Conditioning Expansion Valve Product and Services

Table 114. CAREL Air Conditioning Expansion Valve Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. CAREL Recent Developments/Updates

Table 116. CAREL Competitive Strengths & Weaknesses

Table 117. DunAn Basic Information, Manufacturing Base and Competitors

Table 118. DunAn Major Business

Table 119. DunAn Air Conditioning Expansion Valve Product and Services

Table 120. DunAn Air Conditioning Expansion Valve Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. DunAn Recent Developments/Updates

Table 122. DunAn Competitive Strengths & Weaknesses

Table 123. Castel Basic Information, Manufacturing Base and Competitors

Table 124. Castel Major Business

Table 125. Castel Air Conditioning Expansion Valve Product and Services

Table 126. Castel Air Conditioning Expansion Valve Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Castel Recent Developments/Updates

Table 128. Castel Competitive Strengths & Weaknesses

Table 129. DENSO Basic Information, Manufacturing Base and Competitors

Table 130. DENSO Major Business

Table 131. DENSO Air Conditioning Expansion Valve Product and Services

Table 132. DENSO Air Conditioning Expansion Valve Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. DENSO Recent Developments/Updates

Table 134. DENSO Competitive Strengths & Weaknesses

Table 135. Honeywell Basic Information, Manufacturing Base and Competitors

Table 136. Honeywell Major Business

Table 137. Honeywell Air Conditioning Expansion Valve Product and Services

Table 138. Honeywell Air Conditioning Expansion Valve Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. Honeywell Recent Developments/Updates

Table 140. Honeywell Competitive Strengths & Weaknesses

Table 141. Resideo Basic Information, Manufacturing Base and Competitors

Table 142. Resideo Major Business

Table 143. Resideo Air Conditioning Expansion Valve Product and Services

Table 144. Resideo Air Conditioning Expansion Valve Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Resideo Recent Developments/Updates

Table 146. Resideo Competitive Strengths & Weaknesses

Table 147. Robertshaw Basic Information, Manufacturing Base and Competitors

Table 148. Robertshaw Major Business

Table 149. Robertshaw Air Conditioning Expansion Valve Product and Services

Table 150. Robertshaw Air Conditioning Expansion Valve Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. Robertshaw Recent Developments/Updates

Table 152. Robertshaw Competitive Strengths & Weaknesses

Table 153. Egelhof Basic Information, Manufacturing Base and Competitors

Table 154. Egelhof Major Business

Table 155. Egelhof Air Conditioning Expansion Valve Product and Services

Table 156. Egelhof Air Conditioning Expansion Valve Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. Egelhof Recent Developments/Updates

Table 158. Egelhof Competitive Strengths & Weaknesses

Table 159. Valeo Basic Information, Manufacturing Base and Competitors

Table 160. Valeo Major Business

Table 161. Valeo Air Conditioning Expansion Valve Product and Services

Table 162. Valeo Air Conditioning Expansion Valve Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. Valeo Recent Developments/Updates

Table 164. Valeo Competitive Strengths & Weaknesses

Table 165. MAHLE Basic Information, Manufacturing Base and Competitors

Table 166. MAHLE Major Business

Table 167. MAHLE Air Conditioning Expansion Valve Product and Services

Table 168. MAHLE Air Conditioning Expansion Valve Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 169. MAHLE Recent Developments/Updates

Table 170. MAHLE Competitive Strengths & Weaknesses

Table 171. Hanon Systems Basic Information, Manufacturing Base and Competitors

Table 172. Hanon Systems Major Business

Table 173. Hanon Systems Air Conditioning Expansion Valve Product and Services

Table 174. Hanon Systems Air Conditioning Expansion Valve Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 175. Hanon Systems Recent Developments/Updates

Table 176. Hanon Systems Competitive Strengths & Weaknesses

Table 177. Four Seasons Basic Information, Manufacturing Base and Competitors

Table 178. Four Seasons Major Business

Table 179. Four Seasons Air Conditioning Expansion Valve Product and Services

Table 180. Four Seasons Air Conditioning Expansion Valve Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 181. Four Seasons Recent Developments/Updates

Table 182. Four Seasons Competitive Strengths & Weaknesses

Table 183. HELLA Basic Information, Manufacturing Base and Competitors

Table 184. HELLA Major Business

Table 185. HELLA Air Conditioning Expansion Valve Product and Services

Table 186. HELLA Air Conditioning Expansion Valve Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 187. HELLA Recent Developments/Updates

Table 188. HELLA Competitive Strengths & Weaknesses

Table 189. Global Key Players of Air Conditioning Expansion Valve Upstream (Raw Materials)

Table 190. Global Air Conditioning Expansion Valve Typical Customers

Table 191. Air Conditioning Expansion Valve Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Air Conditioning Expansion Valve Picture

Figure 2. World Air Conditioning Expansion Valve Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Air Conditioning Expansion Valve Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Air Conditioning Expansion Valve Production (2021-2032) & (K Units)

Figure 5. World Air Conditioning Expansion Valve Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Air Conditioning Expansion Valve Production Value Market Share by Region (2021-2032)

Figure 7. World Air Conditioning Expansion Valve Production Market Share by Region (2021-2032)

Figure 8. North America Air Conditioning Expansion Valve Production (2021-2032) & (K Units)

Figure 9. Europe Air Conditioning Expansion Valve Production (2021-2032) & (K Units)

Figure 10. China Air Conditioning Expansion Valve Production (2021-2032) & (K Units)

Figure 11. Japan Air Conditioning Expansion Valve Production (2021-2032) & (K Units)

Figure 12. Air Conditioning Expansion Valve Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Air Conditioning Expansion Valve Consumption (2021-2032) & (K Units)

Figure 15. World Air Conditioning Expansion Valve Consumption Market Share by Region (2021-2032)

Figure 16. United States Air Conditioning Expansion Valve Consumption (2021-2032) & (K Units)

Figure 17. China Air Conditioning Expansion Valve Consumption (2021-2032) & (K Units)

Figure 18. Europe Air Conditioning Expansion Valve Consumption (2021-2032) & (K Units)

Figure 19. Japan Air Conditioning Expansion Valve Consumption (2021-2032) & (K Units)

Figure 20. South Korea Air Conditioning Expansion Valve Consumption (2021-2032) & (K Units)

Figure 21. ASEAN Air Conditioning Expansion Valve Consumption (2021-2032) & (K Units)

Figure 22. India Air Conditioning Expansion Valve Consumption (2021-2032) & (K Units)

Figure 23. Producer Shipments of Air Conditioning Expansion Valve by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Air Conditioning Expansion Valve Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Air Conditioning Expansion Valve Markets in 2025

Figure 26. United States VS China: Air Conditioning Expansion Valve Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Air Conditioning Expansion Valve Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Air Conditioning Expansion Valve Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Air Conditioning Expansion Valve Production Market Share 2025

Figure 30. China Based Manufacturers Air Conditioning Expansion Valve Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Air Conditioning Expansion Valve Production Market Share 2025

Figure 32. World Air Conditioning Expansion Valve Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Air Conditioning Expansion Valve Production Value Market Share by Type in 2025

Figure 34. Thermostatic Expansion Valve

Figure 35. Electronic Expansion Valve

Figure 36. Automatic Expansion Valve

Figure 37. Others

Figure 38. World Air Conditioning Expansion Valve Production Market Share by Type (2021-2032)

Figure 39. World Air Conditioning Expansion Valve Production Value Market Share by Type (2021-2032)

Figure 40. World Air Conditioning Expansion Valve Average Price by Type (2021-2032) & (US\$/Unit)

Figure 41. World Air Conditioning Expansion Valve Production Value by Drive Method, (USD Million), 2021 & 2025 & 2032

Figure 42. World Air Conditioning Expansion Valve Production Value Market Share by Drive Method in 2025

Figure 43. Thermal Drive

Figure 44. Electromagnetic Drive

Figure 45. Others

Figure 46. World Air Conditioning Expansion Valve Production Market Share by Drive Method (2021-2032)

Figure 47. World Air Conditioning Expansion Valve Production Value Market Share by Drive Method (2021-2032)

Figure 48. World Air Conditioning Expansion Valve Average Price by Drive Method (2021-2032) & (US\$/Unit)

Figure 49. World Air Conditioning Expansion Valve Production Value by Valve Port Structure, (USD Million), 2021 & 2025 & 2032

Figure 50. World Air Conditioning Expansion Valve Production Value Market Share by Valve Port Structure in 2025

Figure 51. Conical Valve Needle

Figure 52. Slotted Valve Needle

Figure 53. Multi-Hole Valve Needle

Figure 54. Others

Figure 55. World Air Conditioning Expansion Valve Production Market Share by Valve Port Structure (2021-2032)

Figure 56. World Air Conditioning Expansion Valve Production Value Market Share by Valve Port Structure (2021-2032)

Figure 57. World Air Conditioning Expansion Valve Average Price by Valve Port Structure (2021-2032) & (US\$/Unit)

Figure 58. World Air Conditioning Expansion Valve Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 59. World Air Conditioning Expansion Valve Production Value Market Share by Application in 2025

Figure 60. Cold Chain Logistics Industry

Figure 61. Automotive Industry

Figure 62. Industrial Refrigeration Industry

Figure 63. Others

Figure 64. World Air Conditioning Expansion Valve Production Market Share by Application (2021-2032)

Figure 65. World Air Conditioning Expansion Valve Production Value Market Share by Application (2021-2032)

Figure 66. World Air Conditioning Expansion Valve Average Price by Application (2021-2032) & (US\$/Unit)

Figure 67. Air Conditioning Expansion Valve Industry Chain

Figure 68. Air Conditioning Expansion Valve Procurement Model

Figure 69. Air Conditioning Expansion Valve Sales Model

Figure 70. Air Conditioning Expansion Valve Sales Channels, Direct Sales, and Distribution

Figure 71. Methodology

Figure 72. Research Process and Data Source

I would like to order

Product name: Global Air Conditioning Expansion Valve Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GE23B357818AEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GE23B357818AEN.html>