

# **Pressure Relief Valve Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 - 2032**

<https://marketpublishers.com/r/P53E9BFA7518EN.html>

Date: September 2024

Pages: 161

Price: US\$ 4,365.00 (Single User License)

ID: P53E9BFA7518EN

## **Abstracts**

The Global Pressure Relief Valve Market was valued at USD 5.2 billion in 2023 and is projected to register a CAGR of 5.3% from 2024 to 2032. This growth is driven by increasing industrial activities across various sectors, which amplify the need for equipment that ensures the safety of high-pressure systems. In protecting equipment and preventing overpressure in these systems, pressure relief valves play a crucial role, making them essential components for industries dealing with high-pressure operations. As industrial projects and new facilities rise, the demand for reliable pressure relief valves to handle overpressure risks grows in parallel. Additionally, major infrastructure projects that involve high-pressure systems further boost the market.

As both governments and private companies continue to invest in infrastructure to support economic growth, the demand for effective pressure management solutions is increasing. Furthermore, efforts to modernize and upgrade outdated infrastructure are creating additional opportunities in the market, with advanced pressure relief valves being implemented to meet new safety standards and improve system efficiency. The market is segmented by type, with categories such as acting type PRVs, piston type PRVs, and diaphragm type PRVs. The acting type PRVs segment dominated the market in 2023, generating over USD 2.5 billion in revenue, and is expected to grow at a CAGR of 5.4% through the forecast period.

These valves operate based on direct mechanical action, offering simplicity, ease of maintenance, and adaptability to diverse pressure settings. Their quick response to pressure changes makes them highly effective in handling overpressure in various applications, ensuring safety and efficiency. In terms of distribution channel, the market is classified into direct sales and indirect sales. The indirect sales segment accounted for around 62.3% of the market share in 2023 and is projected to grow at a CAGR of 5.5%.

This segment includes a network of distributors and agents who streamline the sale of pressure relief valves, expanding market reach and providing local support. Asia Pacific emerged as the leading region, generating USD 1.8 billion in revenue and is expected to grow at a CAGR of 5.9%. The region's industrial expansion and infrastructure development drive the demand for pressure relief valves, supporting safety and efficiency across a wide range of high-pressure systems.

## Contents

### Report Content

## **CHAPTER 1 METHODOLOGY & SCOPE**

- 1.1 Market scope & definition
- 1.2 Base estimates & calculations
- 1.3 Forecast parameters
- 1.4 Data sources
  - 1.4.1 Primary
  - 1.4.2 Secondary
    - 1.4.2.1 Paid sources
    - 1.4.2.2 Public sources

## **CHAPTER 2 EXECUTIVE SUMMARY**

- 2.1 Industry 360° synopsis, 2021 - 2032

## **CHAPTER 3 INDUSTRY INSIGHTS**

- 3.1 Industry ecosystem analysis
  - 3.1.1 Factors affecting the value chain
  - 3.1.2 Profit margin analysis
  - 3.1.3 Disruptions
  - 3.1.4 Future outlook
  - 3.1.5 Manufacturers
  - 3.1.6 Distributors
  - 3.1.7 Retailers
- 3.2 Impact forces
  - 3.2.1 Growth drivers
    - 3.2.1.1 Increased industrialization and infrastructure development
    - 3.2.1.2 Rising focus on safety and regulatory compliance
    - 3.2.1.3 Technological advancements and innovations
  - 3.2.2 Industry pitfalls & challenges
    - 3.2.2.1 High costs and maintenance challenges
    - 3.2.2.2 Reliability challenges
- 3.3 Growth potential analysis
- 3.4 Regulatory landscape

- 3.5 Pricing analysis
- 3.6 Technological overview
- 3.7 Porter's analysis
- 3.8 Price Trend analysis
- 3.9 PESTEL analysis

## **CHAPTER 4 COMPETITIVE LANDSCAPE, 2023**

- 4.1 Introduction
- 4.2 Company market share analysis
- 4.3 Competitive positioning matrix
- 4.4 Strategic outlook matrix

## **CHAPTER 5 PRESSURE RELIEF VALVES MARKET ESTIMATES & FORECAST, BY TYPE, 2021 – 2032, (USD BILLION) (THOUSAND UNITS)**

- 5.1 Key trends
- 5.2 Acting type PRV
- 5.3 Piston type PRV
- 5.4 Diaphragm type PRV

## **CHAPTER 6 PRESSURE RELIEF VALVES MARKET ESTIMATES & FORECAST, BY SIZE, 2021 – 2032, (USD BILLION) (THOUSAND UNITS)**

- 6.1 Key trends
- 6.2 Up to 1'
- 6.3 1' to 6'
- 6.4 6' to 25'
- 6.5 25' to 50'
- 6.6 50' and larger

## **CHAPTER 7 PRESSURE RELIEF VALVES MARKET ESTIMATES & FORECAST, BY PRESSURE RANGE, 2021 – 2032, (USD BILLION) (THOUSAND UNITS)**

- 7.1 Key trends
- 7.2 Low (5 mbar to 3000 mbar)
- 7.3 Medium (Up to 50 bar)
- 7.4 High (Up to 400 bar)

## **CHAPTER 8 PRESSURE RELIEF VALVES MARKET ESTIMATES & FORECAST, BY END USERS, 2021 – 2032, (USD BILLION) (THOUSAND UNITS)**

- 8.1 Key trends
- 8.2 Oil & gas
- 8.3 Water & wastewater treatment
- 8.4 Power industry
- 8.5 Chemical industry
- 8.6 Others

## **CHAPTER 9 PRESSURE RELIEF VALVES MARKET ESTIMATES & FORECAST, BY DISTRIBUTION CHANNEL, 2021 – 2032, (USD BILLION) (THOUSAND UNITS)**

- 9.1 Key trends
- 9.2 Direct sales
- 9.3 Indirect sales

## **CHAPTER 10 PRESSURE RELIEF VALVES MARKET ESTIMATES & FORECAST, BY REGION, 2021 – 2032, (USD BILLION) (THOUSAND UNITS)**

- 10.1 Key trends
- 10.2 North America
  - 10.2.1 U.S.
  - 10.2.2 Canada
- 10.3 Europe
  - 10.3.1 Germany
  - 10.3.2 UK
  - 10.3.3 France
  - 10.3.4 Italy
  - 10.3.5 Spain
- 10.4 Asia Pacific
  - 10.4.1 China
  - 10.4.2 India
  - 10.4.3 Japan
  - 10.4.4 South Korea
  - 10.4.5 Australia
- 10.5 Latin America
  - 10.5.1 Brazil
  - 10.5.2 Mexico

## 10.6 MEA

10.6.1 Saudi Arabia

10.6.2 UAE

10.6.3 South Africa

## **CHAPTER 11 COMPANY PROFILES**

11.1 Burkert Fluid Control Systems

11.2 Cameron

11.3 Crane Co

11.4 Emerson Electric Co

11.5 Flowserve Corporation

11.6 GE Measurement & Control Solutions

11.7 Honeywell International Inc

11.8 Moog Inc

11.9 Parker Hannifin Corporation

11.10 Pentair plc

11.11 Rotork Plc

11.12 Schneider Electric SE

11.13 Spirax Sarco Limited

11.14 Valv Technologies Inc

11.15 Watts Water Technologies Inc

## I would like to order

Product name: Pressure Relief Valve Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 - 2032

Product link: <https://marketpublishers.com/r/P53E9BFA7518EN.html>

Price: US\$ 4,365.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/P53E9BFA7518EN.html>