

Global Vacuum Exhaust Valve Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Vacuum Exhaust Valve market size was valued at US\$ 2459 million in 2025 and is forecast to a readjusted size of US\$ 3326 million by 2032 with a CAGR of 4.4% during review period.

The vacuum exhaust valve is a powered rapid intake and exhaust valve suitable for various irrigation systems. In the system water injection type, the air valve removes a large amount of air in the pipeline; in the system exhaust type, the air valve sucks in a large amount of air to prevent vacuum and negative pressure. The valve adopts advanced composite gas dynamics design with rapid intake and exhaust, which can avoid air accumulation and prevent the formation of negative pressure. The vacuum exhaust valve is made of stainless steel and has the characteristics of small size, simple structure and reliable performance. Vacuum exhaust valves are generally used in irrigation system pipes and semiconductor manufacturing equipment. In 2025, global Vacuum Exhaust Valve production reached approximately 4.6 million units with an average global market price of around US\$520 per unit.

The future development trends of the Vacuum Exhaust Valve industry will revolve closely around high-end manufacturing and green low-carbon transformation. According to the 'Implementation Opinions on Promoting the Innovative Development of Future Industries' issued by the National Development and Reform Commission, the localization of high-end equipment has become a priority. As a critical fluid control component, the Vacuum Exhaust Valve will accelerate its upgrade towards high precision, long service life, and intelligence to meet the stringent requirements of strategic emerging industries such as semiconductors and aerospace. The 'Implementation Plan for Synergistic Reduction of Pollution and Carbon Emissions'

published by the Ministry of Ecology and Environment explicitly requires the improvement of energy efficiency in the industrial sector, prompting companies to emphasize low leakage and corrosion resistance in product design to align with environmental regulations and energy conservation goals. From the perspective of corporate revenue and profit, leading enterprises such as Suvalve stated in their annual reports that high-end special valves with significant technical barriers yield substantially higher gross margins than general products. This drives manufacturers to increase R&D investment and achieve import substitution through process innovation to capture higher added value. Meanwhile, official corporate news indicates that digital transformation has become an industry consensus, with intelligent Vacuum Exhaust Valves integrating sensors and remote monitoring functions emerging as a new market growth point, aiding companies in expanding service-oriented businesses. Overall, the dual drive of policy guidance and market demand is propelling the industry toward localization, intelligence, and green development, and enterprises possessing core technological advantages will establish sustainable profit growth drivers.

This report is a detailed and comprehensive analysis for global Vacuum Exhaust 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 Vacuum Exhaust Valve market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Vacuum Exhaust Valve market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Vacuum Exhaust Valve market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Vacuum Exhaust Valve market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

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 Vacuum Exhaust 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 Vacuum Exhaust 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 VAT, Pfeiffer Vacuum, Kurt J. Lesker, Hunter Industries, Yoshitake, VAG, CLA-VAL, Swagelok, Watts, FLOMATIC, etc.

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

Market Segmentation

Vacuum Exhaust Valve market is split by Type and by Application. For the period 2021-2032, 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

Pneumatic Valves

Electric Valves

Market segment by Vacuum Level

10⁻² to 10⁻⁵ Pa

10??10? Pa

10??10?? Pa

10???10?? Pa

Market segment by Nominal Diameter

DN10?DN25

DN40?DN80

DN100?DN200

Market segment by Application

Agricultural Irrigation

Semiconductor

Industrial

Others

Major players covered

VAT

Pfeiffer Vacuum

Kurt J. Lesker

Hunter Industries

Yoshitake

VAG

CLA-VAL

Swagelok

Watts

FLOMATIC

A.R.I

BERMAD

Toro

Fujikin

Parker

CKD

MKS

SMC Corporation

Presys

Ultra Clean Holdings

Highlight Tech Corp (HTC)

New Jieda Interantional

FITOK

Kinglai Hygienic Materials

Huisheng Valve

Neeinn Valves

Cangyu Irrigation Equipment Technology

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 Vacuum Exhaust Valve product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Vacuum Exhaust Valve, with price, sales quantity, revenue, and global market share of Vacuum Exhaust Valve from 2021 to 2026.

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

Chapter 4, the Vacuum Exhaust Valve breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

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 2021 to 2032.

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 2021 to 2026. and Vacuum Exhaust Valve market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 Vacuum Exhaust Valve.

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

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