

# Global Oil-Free Diaphragm Vacuum Pumps Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Oil-Free Diaphragm Vacuum Pumps market size was valued at USD 467.6 million in 2023 and is forecast to a readjusted size of USD 615.4 million by 2030 with a CAGR of 4.0% during review period.

Oil-Free Diaphragm Vacuum Pumps are dry positive-displacement pumps. Oil-Free Diaphragm Vacuum Pumps are becoming increasingly popular for small to medium size applications as an alternative to oil sealed rotary vane pumps. Because diaphragm pumps offer much higher corrosion resistance and typically require much less service support than oil-sealed pumps. Diaphragm pumps can be extremely low maintenance and quiet. Because the method of operation, the materials of construction can be selected for maximum corrosion resistance with only slight compromises in performance, and no compromises in diaphragm lifetime.

In this report, we only focus on the Oil-Free Diaphragm Vacuum Pumps.

The key manufacturers of Oil-Free Diaphragm Vacuum Pumps in the world are KNF Neuberger, Ingersoll Rand, Vacuubrand, Pfeiffer Vacuum, Leybold (Atlas Copco), Edwards (Atlas Copco), IDEX Gast and Parker Hannifin, among which the market share of the top three manufacturers exceeds 50%, and KNF Neuberger is the largest manufacturer. The global production of oil-free diaphragm vacuum pumps is mainly distributed in North America, Europe, China and Japan, among which the top three production regions account for more than 90% of the market share, and Europe is the largest production region at present. In terms of its products, the growth rate of multi-stage diaphragm vacuum pumps is relatively fast, and its market share is the highest,

close to 80%, followed by single-stage diaphragm vacuum pumps. In terms of its application, laboratory equipment is the largest application field, with a market share of more than 40%, followed by medical equipment and industrial equipment.

The Global Info Research report includes an overview of the development of the Oil-Free Diaphragm Vacuum Pumps industry chain, the market status of Laboratory Equipment (Single-stage Diaphragm Vacuum Pumps, Multi-stage Diaphragm Vacuum Pumps), Medical Equipment (Single-stage Diaphragm Vacuum Pumps, Multi-stage Diaphragm Vacuum Pumps), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Oil-Free Diaphragm Vacuum Pumps.

Regionally, the report analyzes the Oil-Free Diaphragm Vacuum Pumps markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Oil-Free Diaphragm Vacuum Pumps market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Oil-Free Diaphragm Vacuum Pumps market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Oil-Free Diaphragm Vacuum Pumps industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Single-stage Diaphragm Vacuum Pumps, Multi-stage Diaphragm Vacuum Pumps).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Oil-Free Diaphragm Vacuum Pumps market.

**Regional Analysis:** The report involves examining the Oil-Free Diaphragm Vacuum Pumps market at a regional or national level. Report analyses regional factors such as

government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Oil-Free Diaphragm Vacuum Pumps market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Oil-Free Diaphragm Vacuum Pumps:

**Company Analysis:** Report covers individual Oil-Free Diaphragm Vacuum Pumps manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Oil-Free Diaphragm Vacuum Pumps. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Laboratory Equipment, Medical Equipment).

**Technology Analysis:** Report covers specific technologies relevant to Oil-Free Diaphragm Vacuum Pumps. It assesses the current state, advancements, and potential future developments in Oil-Free Diaphragm Vacuum Pumps areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Oil-Free Diaphragm Vacuum Pumps market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Oil-Free Diaphragm Vacuum Pumps market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

## Market segment by Type

Single-stage Diaphragm Vacuum Pumps

Multi-stage Diaphragm Vacuum Pumps

## Market segment by Application

Laboratory Equipment

Medical Equipment

Industrial Equipment

Others

## Major players covered

KNF Neuberger

Ingersoll Rand

Vacuubrand

Pfeiffer Vacuum

Leybold (Atlas Copco)

Edwards (Atlas Copco)

IDEX Gast

Parker Hannifin

ULVAC

Yamato Scientific

Schwarzer

Wiggins

Koge Micro Tech

Ningbo Yinzhou Maisi

Tianjin Jinteng

TOPSFLO

Yuanwang Fuid

Binaca Pumps

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 Oil-Free Diaphragm Vacuum Pumps product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Oil-Free Diaphragm Vacuum Pumps, with

price, sales, revenue and global market share of Oil-Free Diaphragm Vacuum Pumps from 2019 to 2024.

Chapter 3, the Oil-Free Diaphragm Vacuum Pumps competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Oil-Free Diaphragm Vacuum Pumps breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023. and Oil-Free Diaphragm Vacuum Pumps market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Oil-Free Diaphragm Vacuum Pumps.

Chapter 14 and 15, to describe Oil-Free Diaphragm Vacuum Pumps sales channel, distributors, customers, research findings and conclusion.

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