

Global Diaphragm Valve Market Size study & Forecast, by Product Type (Weir, Straightway) By End User (Chemical, Food & Beverages, Water Treatment, Power, Pharmaceutical, Others) and Regional Analysis, 2023-2030

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Abstracts

Global Diaphragm Valve Market is valued approximately at USD xx billion in 2022 and is anticipated to grow with a healthy growth rate of more than xx% over the forecast period 2023-2030. A diaphragm valve, also known as a membrane valve, consists of a valve body having two or more ports, an elastomeric diaphragm, and a weir, saddle, or seat on which the diaphragm closes the valve. Depending on its intended application, the valve body might be made of plastic, metal, wood, or other materials. The Diaphragm Valve market is expanding because of factors such as growing demand of food and beverages and rising number of chemical manufacturing units. It helps to control the flow of gases and liquids, utilized by the variety of industries including chemical, water treatment, and power. As a result, the demand of Diaphragm Valve has progressively increased in the international market during the forecast period 2023-2030.

Diaphragm valves are designed to be easily cleaned and sterilized, making them ideal for use in environments where product contamination must be avoided. Their hygienic construction and precise fluid control capabilities make them a crucial component in the food and beverage industry. According to the Statista, the Food & Drink market accounted USD 1.95 billion in 2022, and projected to show an annual growth rate of 12.06% in between 2022 to 2027, resulting in a projected market value of about USD 3.69 billion by 2027. Furthermore, in 2021, food and beverage sales accounted for 11.67% of total retail e-commerce sales in the United States. Another important factor driving the Diaphragm Valve market is increasing number of chemical manufacturing

units. Diaphragm valves are known for their reliable on/off functionality. They can provide complete isolation of the process fluid, ensuring that no chemical leaks into the surrounding environment or downstream equipment. In addition, as per Statista, in 2022, the global chemical industry accounts USD 5.72 trillion. Moreover, rising demand for radioactive waste management and growing awareness regarding water treatment is anticipated to create a lucrative growth opportunity for the market over the forecast period. Diaphragm valves helps to regulate the flow of water and various treatment chemicals, allowing for precise control of disinfection and the removal of contaminants. This is crucial for ensuring the safety and quality of treated water. However, limiting pressure and temperatures and highly subjected to erosion is going to impede overall market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Diaphragm Valve Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia Pacific dominated the market in 2022 owing to the rising demand for chemical products, as chemical companies in the region are investing to expand their facility in the region. The region's dominant performance is anticipated to propel the overall demand of Diaphragm Valve. Furthermore, North America is expected to grow with fastest the fastest CAGR during the forecast period, owing to factors such as significant investments in food & beverage industry for expansion of existing facilities as well as increase production capacity in the region.

Major market player included in this report are:

Alfa Laval AB

Christian Burkert GmbH and Co. KG

Compagnie de Saint-Gobain SA

Crane Co.

Emerson Electric Co.

GEA Group Aktiengesellschaft

GEMU Group

KSB SE and Co. KGaA

Parker Hannifin Corp.

Pentair Plc

Recent Developments in the Market:

In June 2023, Verder Liquids has introduced the Verderair HC-PURE range of hygienic double diaphragm pumps for handling hygienic applications for maximum cleanability and durability. It is precisely manufactured from stainless steel 316L, in accordance with EC-1935/2004 and FDA requirements. Its electropolished surfaces reduce bacteria traps and contamination hazards while also improving corrosion resistance.

Global Diaphragm Valve Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Product Type, End User, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries

involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product Type

Weir

Straightway

By End User

Chemical

Food & Beverages

Water Treatment

Power

Pharmaceutical

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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