

Water and Gas Valves Market Report by Type (Quarter-turn Valves, Multi-turn Valves, Control Valves), Application (Oil and Gas Industry, Water and Wastewater Treatment Industry), and Region 2024-2032

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Abstracts

The global water and gas valves market size reached US\$ 21.7 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 32.6 Billion by 2032, exhibiting a growth rate (CAGR) of 4.5% during 2024-2032. Significant growth in the oil and gas industry, extensive research and development (R&D) activities, and rapid technological advancements represent some of the key factors driving the market.

Water and gas valves are devices that regulate the flow in one direction or the other. They are generally manufactured using aluminum, copper, brass, bronze, steel, stainless steel, polyvinyl chloride (PVC), and plastics. Water valves are widely installed in various locations throughout a building, such as at the main water supply line, individual fixtures, and appliances. On the other hand, gas valves are installed on gas lines that supply natural gas or propane to appliances such as furnaces, stoves, and water heaters. They assist in ensuring the safe operation of gas-powered machines and preventing gas leaks. Water and gas valves are used in residential buildings to regulate the supply of water and gas to appliances and fixtures such as faucets, toilets, water heaters, and stoves.

Water and Gas Valves Market Trends:

The significant growth in the oil and gas industry across the globe is one of the key factors creating a positive outlook for the market. Water and gas valves are widely used to regulate the flow of fluids and gasses in various stages of the extraction, production, and transportation process. In line with this, the increasing product demand that can

handle high-pressure and high-temperature applications is favoring the market growth. Moreover, the widespread product adoption in the industrial sector for manufacturing processes, power generation, and other applications is acting as another growth-inducing factor. Apart from this, the development of smart valves that are equipped with sensors and other advanced technology that aids in optimizing valve performance, reducing energy consumption, and providing real-time monitoring and control is providing an impetus to the market growth. Additionally, the increasing adoption of quarter-turn valves in water systems as it allows more precise control over the flow of water or other fluid and reduces the risk of contamination, which in turn is propelling the market growth. Furthermore, the introduction of anti-corrosive coating on water and gas valves that protect them from corrosion and other forms of wear and tear and helps to extend the lifespan of the valve by reducing the need for maintenance and replacement is positively influencing the market growth. Other factors, including growing investments in infrastructure development projects, rising awareness about safety measures related to handling gasses, extensive research, and development (R&D) activities, and the implementation of various government initiatives to promote the use of water and gas valves in order to prevent spills or leaks that can harm the environment are supporting the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global water and gas valves market, along with forecasts at the global, regional, and country levels from 2024-2032. Our report has categorized the market based on type, and application.

Type Insights:

Quarter-turn Valves

Multi-turn Valves

Control Valves

The report has provided a detailed breakup and analysis of the water and gas valves market based on the type. This includes quarter-turn, multi-turn, and control valves. According to the report, quarter-turn valves represented the largest segment.

Application Insights:

Oil and Gas Industry

Water and Wastewater Treatment Industry

A detailed breakup and analysis of the water and gas valves market based on the application has also been provided in the report. This includes oil and gas, water, and wastewater treatment industries. According to the report, oil and gas accounted for the largest market share.

Regional Insights:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia and others); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, Asia Pacific was the largest market for water and gas valves. Some of the factors

driving the Asia Pacific water and gas valves market included the significant growth in the oil and gas industry, widespread adoption of quarter-turn valves in water systems, and extensive research and development (R&D) activities.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global water and gas valves market. Detailed profiles of all major companies have also been provided. Some of the companies covered include Crane Holdings Co., Curtiss-Wright Corporation, Emerson Electric Co., Flowserve Corporation, Honeywell International Inc., KSB SE & Co. KGaA, Schlumberger Limited, Watts Water Technologies Inc., etc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

Key Questions Answered in This Report

1. How big is the global water and gas valves market?
2. What is the expected growth rate of the global water and gas valves market during 2024-2032?
3. What are the key factors driving the global water and gas valves market?
4. What has been the impact of COVID-19 on the global water and gas valves market?
5. What is the breakup of the global water and gas valves market based on the type?
6. What is the breakup of the global water and gas valves market based on the application?
7. What are the key regions in the global water and gas valves market?
8. Who are the key players/companies in the global water and gas valves market?

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