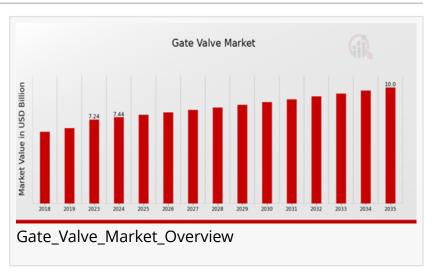


Gate Valve Market to Hit \$10.0 Billion By 2035, Gate Valve Industry Insights & Developments

Gate Valve Market is poised for steady growth, driven by technological advancements, and the need for efficient fluid control solutions.

NEW YORK, NY, UNITED STATES, March 13, 2025 /EINPresswire.com/ --According to a new report published by Market Research Future (MRFR), The <u>Gate Valve Market</u> is expected to grow from 7.44 (USD Billion) in 2024 to 10.0 (USD Billion) by 2035. The Gate Valve



Market CAGR is expected to be around 2.73% during the forecast period 2025 - 2035.

The gate valve market has witnessed significant growth in recent years, driven by increasing demand across various industries such as oil & gas, water treatment, power generation, and

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The gate valve market is segmented based on type, material, application, and region."

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chemical processing. Gate valves, known for their ability to provide a tight seal and control the flow of fluids, are essential components in pipeline systems. Their robust design, durability, and ability to handle high-pressure applications make them a preferred choice in critical infrastructure projects. The global gate valve market is projected to expand at a steady CAGR (Compound Annual Growth Rate) over the forecast period, fueled by

advancements in valve technology, rising investments in industrial infrastructure, and the growing need for efficient fluid control systems.

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The gate valve market is segmented based on type, material, application, and region. By type, the market is divided into rising stem and non-rising stem gate valves. Rising stem gate valves are widely used due to their ease of maintenance and visual indication of valve position, while non-rising stem valves are preferred in applications with space constraints. Based on material,

the market includes cast iron, stainless steel, brass, and others. Stainless steel gate valves dominate the market owing to their corrosion resistance and suitability for high-temperature applications. In terms of application, the market is categorized into oil & gas, water & wastewater treatment, power generation, chemicals, and others. The oil & gas sector holds the largest market share due to the extensive use of gate valves in upstream, midstream, and downstream operations. Geographically, the market is analyzed across North America, Europe, Asia-Pacific, Latin America, and the Middle East & Africa.

The gate valve market is influenced by several factors, including technological advancements, regulatory policies, and economic conditions. The increasing adoption of automation in industrial processes has led to the development of smart gate valves equipped with sensors and IoT (Internet of Things) capabilities, enabling real-time monitoring and control. This trend is expected to drive market growth in the coming years. Furthermore, stringent government regulations regarding environmental protection and safety standards are compelling industries to invest in high-quality gate valves that minimize leakage and ensure efficient operation. However, the market faces challenges such as fluctuating raw material prices and the availability of alternative valve types, which may hinder growth to some extent. Despite these challenges, the growing demand for energy and water resources, coupled with the expansion of industrial infrastructure in emerging economies, presents lucrative opportunities for market players.

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Recent developments in the gate valve market reflect the industry's focus on innovation and sustainability. Leading manufacturers are investing in research and development to introduce eco-friendly materials and energy-efficient designs. For instance, the development of gate valves with low-emission seals and coatings has gained traction in response to environmental concerns. Additionally, the integration of digital technologies such as AI (Artificial Intelligence) and machine learning is transforming valve manufacturing processes, enabling predictive maintenance and reducing downtime. Collaborations between valve manufacturers and technology providers are also on the rise, aiming to deliver smarter and more reliable solutions. Moreover, the COVID-19 pandemic has accelerated the adoption of remote monitoring and control systems, further driving the demand for advanced gate valves.

The gate valve market exhibits varying growth patterns across different regions. North America holds a significant share of the market, driven by the presence of established industries such as oil & gas, power generation, and water treatment. The region's focus on upgrading aging infrastructure and adopting advanced technologies also contributes to market growth. Europe follows closely, with stringent environmental regulations and a strong emphasis on sustainable industrial practices propelling the demand for high-performance gate valves. The Asia-Pacific region is expected to witness the fastest growth during the forecast period, owing to rapid industrialization, urbanization, and increasing investments in infrastructure projects in countries like China, India, and Southeast Asia. Latin America and the Middle East & Africa are also

emerging as promising markets, supported by the expansion of the oil & gas sector and the development of water management systems.

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Key Companies in the Gate Valve Market Include

- Crane Co
- Kitz Corporation
- Cameron International
- AVK Holding
- Tyco International
- Eaton Corporation
- Schmidt + Clemens
- Hawle Wassertechnik
- Emerson Electric
- Samuel, Son and Co
- Flowserve Corporation
- Val-Matic Valve and Manufacturing Corporation
- Metso Corporation
- Pentair

The gate valve market is poised for steady growth, driven by technological advancements, increasing industrial applications, and the need for efficient fluid control solutions. Market players are focusing on innovation, sustainability, and strategic collaborations to stay competitive and meet the evolving demands of end-users. As industries continue to prioritize safety, efficiency, and environmental responsibility, the gate valve market is expected to play a pivotal role in shaping the future of fluid control systems worldwide.

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Contact US:

Market Research Future (Part of Wantstats Research and Media Private Limited) 99 Hudson Street, 5Th Floor New York, NY 10013 United States of America +1 628 258 0071 (US) +44 2035 002 764 (UK) Email: sales@marketresearchfuture.com Website: <u>https://www.marketresearchfuture.com</u> Website: <u>https://www.wiseguyreports.com/</u> Website: <u>https://www.wantstats.com/</u>

Sagar kadam WantStats Research and Media Pvt. Ltd. + +91 95953 92885 email us here Visit us on social media: Facebook X LinkedIn YouTube

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