

U.S. Automatic Flush Market - Focused Insights 2024-2029

Market Report | 2024-10-03 | 76 pages | Arizton Advisory & Intelligence

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Report description:

The U.S. automatic flush market is expected to grow at a CAGR of 5.71% from 2023 to 2029.

MARKET TRENDS & DRIVERS

Rising Popularity of Hands-free Experience

The popularity of hands-free experience is growing significantly in the U.S. automatic flush market due to various factors, including increased awareness about hygiene post-pandemic, growing preference for efficiency and convenience, and technological advancements. The COVID-19 pandemic has increased awareness about hygiene, especially in public restrooms. The hands-free automatic flush minimizes the spread of germs and bacteria transmission by eliminating the need to touch the surface. The hands-free flush gives users a convenient and seamless restroom experience. They automatically ensure and activate the urinals and toilets that are flushed properly after usage. It helps maintain cleanliness without user interaction. People with Arthritis have difficulty pressing the tap of the flush. They can use the automatic flush for their toilets and urinals, giving them a hands-free experience.

Advancement in Sensor Technology and Automation

The advancement in sensor technology and automation is a major trend in the U.S. automatic flush valve market due to increasing demand for hygiene and water-saving & efficient solutions. Some key points that highlight the advancement include Smart & IoT systems, integration of sensor technology, energy efficiency, and water conservation. The advancement in the flush gives various benefits to the users, such as cost savings, hygiene, and improved user experience. It helps to improve the reliability and efficiency of flush. Zurn Water, LLC offers IoT-based flush valves that can offer remote management and analytics to the user. The advancement in the usage of infrared sensors helps improve touchless operation and enhances hygiene. With the high public traffic in airports, schools, and hospitals, there is a significant requirement for touchless products in restrooms. Due to the advancement in sensor technology & automation, the detection is more accurate and offers effective flushing.

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Increasing Need for Water Conservation

The U.S. needs water conservation due to various factors, including climate change, population growth, groundwater depletion, uneven distribution of freshwater, the impact of water scarcity, and growing awareness about water conservation. The reduced water flow in streams and rivers can harm aquatic ecosystems. The saltwater in sea areas can contaminate freshwater sources. The water shortage can affect industry, tourism, and agriculture. The rising competition with limited water sources can increase the conflict between the cities, environmental protection agencies, and farmers. The U.S. population is growing significantly, which strains the existing water supply. Also, the continuously changing climate in a few U.S. states can increase water scarcity and drought. The warmer temperature can also increase the evaporation rate, further reducing freshwater availability. Thus, there is a significant demand for automatic flushing, which can conserve water and resolve water-related issues.

INDUSTRY RESTRAINTS

Availability of Alternatives

The availability of alternatives is a major alternative in the U.S. automatic flush market. This is due to the consumers having numerous options in traditional toilets. The majority of the toilets in the U.S. are traditional toilets. There are manually operated flush toilets. These are available widely and very affordable. The reasons for limited automatic toilets in the U.S. market are cost, limited awareness, and habits. The automatic toilets are more expensive than traditional ones. Automatic toilets may not be at the forefront of consumers' toilet shopping. Many of the U.S. residents are habituated with the manual flush in the toilet. They might not see a stronger need for automation for the flush operations. The automatic flush market for residential toilets is hugely competitive with traditional toilets. Thus, it may hinder the market growth of U.S. automatic flush during the forecast period.

SEGMENTATION INSIGHTS

INSIGHTS BY PRODUCT

The U.S. automatic flush market by product is segmented into urinal flush and toilet flush. The urinal flush segment accounted for the largest market share. The segment dominates due to various factors, including hygiene & health concerns, water conservation, commercial sector demand, regulatory compliance, and technological advancements. The demand for automatic urinal flushes is greater in corporate spaces. The growing incidence of contagious diseases across the U.S. has increased the awareness about the hygiene. This has led to a rise in demand for automatic touchless solutions like automatic flush systems. It helps to reduce the spread of germs due to contactless touch on the surface. Technological improvements have made automatic urinal flush more cost-effective and reliable for use in commercial and industrial settings.

By Product

- Urinal Flush
- Toilet Flush

INSIGHTS BY POWER SOURCE

The U.S. automatic flush market by power source is categorized into DC and AC. The DC power source segment shows significant growth, with the fastest-growing CAGR during the forecast period. The segment growth is mainly due to adoption in older buildings, low maintenance requirements, flexibility, cost-effectiveness, and ease of installation. Battery-powered systems are easier to install since they don't need electrical wiring, making them ideal for retrofitting the restrooms. Generally, the installation costs of DC power source-based flush are lower than those of hardwired systems. The flexibility in the installation makes them

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ideal for locations without easy access to the electrical boards. Its demand is high for high-traffic areas due to the periodic battery replacement. These are ideal for older buildings where adding wiring is expensive or impractical. Thus, the consumer preference for these systems is rising for their old houses and commercial settings in the U.S. Its demand is rising from the residential spaces as the increased smart home technologies and solar power systems adoption trend.

By Power Source

- DC
- AC

INSIGHTS BY END-USER

Based on the end-user, the commercial segment dominates with the largest U.S. automatic flush market share. The commercial segment includes offices, malls, hotels, airports, etc., and demand for commercial spaces is rising in the U.S. The high-end office buildings may prioritize a touchless user experience and modern aesthetics in restrooms. This increased demand for automatic flush in upscale and high-end environments. Automatic flushing can help reduce the need to touch surfaces and promote hygiene. It is much more ideal for the environments where infection control is crucial. The demand for automatic flush is growing significantly from airports and transportation hubs. These facilities are focused on cost-effective solutions and water conservation systems. There is higher wear & tear in public restrooms due to more touch-based operations from high traffic.

By End-User

- Commercial
- Residential
- Industrial

INSIGHTS BY DISTRIBUTION CHANNEL

The offline segment accounted for the largest U.S. automatic flush market share based on the distribution channel. The offline channel includes specialty stores, retail stores, home improvement stores, etc. Offline sales provide physical inspection facilities to customers. They can easily inspect the toilet & flush before making a purchase. The customer can physically compare the variety of the brand's products and understand the product's quality. They can easily offer installation services by selling products, eliminating the need to arrange for a plumber to install them. The manufacturers sell their products directly to larger clients like hospitals, universities, hotel chains, etc. It gives advantages to the users, such as customization, lower prices, and direct relationships. Post-pandemic, significant demand in the U.S. construction sector has increased the demand for smart home technologies.

By Distribution Channel

- Offline
- Online

COMPETITIVE LANDSCAPE

The U.S. automatic flush market report contains exclusive data on 14 vendors. The leading companies are focusing on offering a wide range of products with advanced features to save more water and maintain hygiene. The market is experiencing significant growth due to the adoption of advanced technologies and the rising focus on water conservation and hygiene. Hydrotek International, Inc., Kohler, Lixil Group, Masco Corporation, Moen Incorporated, Newell Brands, Sloan Valve Company, Stern Engineering Ltd., Toto, and Zurn Water, LLC. are the leading players with strong market penetration, and they are focusing on

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target marketing to gain traction in the market.

Key Vendors

- Hydrotek International, Inc.
- Kohler
- Lixil Group
- Masco Corporation
- Moen Incorporated
- Newell Brands
- Sloan Valve Company
- Stern Engineering Ltd.
- Toto
- Zurn Water, LLC.

Other Prominent Vendors

- Euronics Industries Pvt Ltd
- Hokwang Industries Co., Ltd.
- MAC Faucets, LLC
- Speakman

KEY QUESTIONS ANSWERED:

1. How big is the U.S. automatic flush market?
2. What is the growth rate of the U.S. automatic flush market?
3. What are the key drivers in the U.S. automatic flush market?
4. Who are the major players in the U.S. automatic flush market?

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