

Odor Control System Market Size, Share & Trends Analysis Report By System Type, By End Use (Cement, Mining & Metal, Power & Energy, Chemical & Petro Chemical), By Region, And Segment Forecasts, 2020 - 2027

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Abstracts

Odor Control System Market Growth & Trends

The global odor control system market size is estimated to reach USD 7.6 billion by 2027, expanding at a CAGR of 5.4%, according to a study conducted by Grand View Research, Inc. The increase in toxic pollutants from end-use industries is anticipated to drive the market. The end-use industries such as power and energy, cement manufacturing, and chemical and petrochemical emit various types of toxic pollutants. Thus, reducing these exhaust gases, which cause malodor in the surrounding environment, is highly necessary. Therefore, odor control systems provide solutions for the treatment of the gases and pollutants and eliminate the malodor in the surrounding.

The activated carbon odor control system is expected to generate significant revenue over the forecast period. It is preferred by the end-use industries owing to its low cost and less power consumption. Moreover, additional benefit such as high efficiency in removing foul smell from the manufacturing facilities is further anticipated to generate the demand.

The power and energy segment dominated the market and accounted for revenue share of more than 26% in 2019. This is attributed to increasing volume of harmful gases coming out from power and energy plants established across the globe. When biogas and fossil fuels are burned in power and energy plants, gases including Carbon Dioxide (CO₂), Sulfur Dioxide (SO₂), and Nitrogen Oxide (NO_x) get generated.

Combination of these gases spreads malodor in the surrounding environment, thereby driving the market.

The market is characterized by intense competition, owing to the presence of a large number of industry participants. Thus, the key players in the market are focusing on developing cost-effective products to gain a competitive edge in the market. The major players operating in the market include Advanced Air Technologies; Catalytic Products International; Durr Systems, Inc.; and Evoqua Water Technologies LLC.

Odor Control System Market Report Highlights

The activated carbon odor control system segment held the largest market share in 2019. The high share is attributed to high malodor removal efficiency and low power usage

The biological odor control system segment is projected to witness substantial growth over the forecast period owing to low maintenance cost associated with the technology

The chemical and petrochemical segment is estimated to witness a significant CAGR of over 7.5% during the forecast period owing to emission of toxic pollutants in the form of gas, which results in malodor in the surrounding

Asia Pacific held the largest revenue share exceeding 45.0% in 2019 and is anticipated to witness a CAGR of over 6.5% over the forecast period. This share is attributed to rapid industrialization and increasing demand for power and energy in the region.

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