

Ozone Generator Market Size, Share & Trends Analysis Report By Technology (Cold Plasma, Corona Discharge), By Application (Wastewater, Air Treatment), By End Use (Municipal, Commercial), And Segment Forecasts, 2020 - 2027

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Abstracts

The global ozone generator market size is expected to reach USD 1.0 billion by 2027, according to a new report by Grand View Research, Inc., registering a CAGR of 6.9% over the forecast period. Rising investments in up-gradation and expansion of wastewater treatment facilities are expected to boost the product demand over the coming years.

Prolonged exposure of ozone can cause lung, throat, nose, and eye irritation; shortness of breath; can adversely affect indoor plants, can damage materials including fabrics, electrical wire coating, and rubber; and can exacerbate chronic respiratory diseases, such as asthma. All these factors are expected to restrict market growth over the coming years.

The demand for ozone generators in the residential segment is anticipated to witness the highest growth. Ozone can reach every corner of the environment, unlike ultraviolet sterilization, which leaves some places unsterilized. It also leaves no poisonous residue and can be produced by simple equipment, which can be used for public transportation modes, such as high-speed railways, airplanes, ships and buses; single rooms; and large public places.

Ozone Generator Market Report Highlights

Corona discharge segment is anticipated to be the largest one over the coming

years as these generators produce pure ozone with no hint of chemicals and gases

Cold plasma ozone generators are projected to register the fastest CAGR from 2020 to 2027 owing to the high ozone concentration along with low oxygen and energy consumption

Demand for ozone disinfection in municipal wastewater treatment plants is expected to register a CAGR of 6.4% over the forecast period because of its high oxidizing power and oxygen as by-products

China is expected to witness a significant growth in the APAC regional market owing to rising water shortages and water pollution due to rapid urbanization and industrialization

Key players in the market are collaborating with other manufacturers to gain a competitive advantage to use advanced technologies in the field and develop a strong foothold in the industry

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