

Ultraviolet-C (UVC) Disinfection Products Market Research Reveals Path To \$27.61 Billion By 2030

*The Business Research Company's
Ultraviolet-C (UVC) Disinfection Products
Market Research Reveals Path To \$27.61
Billion By 2030*

LONDON, GREATER LONDON, UNITED
KINGDOM, September 1, 2026

/EINPresswire.com/ -- "The [ultraviolet-C](#)

[\(UVC\) disinfection products market](#) has been expanding swiftly, driven by growing awareness about infection control and advances in disinfection technology. As demand for efficient, chemical-free sanitation rises across various sectors, this market is positioned for significant growth in the coming years. Let's explore the current market size, key growth drivers, regional outlook, and technological trends shaping this industry.



Expected to grow to \$27.61 billion in 2030 at a compound annual growth rate (CAGR) of 18%"

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Market Size Estimates and Growth Prospects for Ultraviolet-C (UVC) Disinfection Products

The UVC disinfection products market has witnessed rapid expansion recently, reaching a valuation of \$12.07 billion in 2025. It is projected to increase to \$14.24 billion by 2026, registering a compound annual growth rate (CAGR) of 17.9%. This growth during the past period has been largely

fueled by heightened infection prevention efforts, growing adoption of UVC solutions in healthcare, stricter commercial sanitation protocols, enhanced public hygiene infrastructure, and a shift toward chemical-free disinfection alternatives.

Looking ahead, the market is expected to surge further, reaching \$27.61 billion by 2030 with a CAGR of 18.0%. This acceleration will be supported by increased investments in smart disinfection technologies, rising demand for automation in sanitation, expanded use of UVC in public areas, stronger regulatory emphasis on indoor air and surface safety, and broader adoption in both residential and commercial buildings. Key trends anticipated include the proliferation of autonomous UVC disinfection robots, wider use of chemical-free methods, integration of UVC systems in HVAC and water treatment processes, growth of portable and mobile UVC devices, and a focus on continuous environmental disinfection.

The logo for The Business Research Company, featuring the company name in a serif font and a stylized bar chart with three bars of increasing height to the right.

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How Ultraviolet-C (UVC) Disinfection Products Work to Eliminate Pathogens

Ultraviolet-C (UVC) disinfection products operate by emitting ultraviolet light at a wavelength near 254 nanometers, which effectively kills bacteria, viruses, and other harmful microorganisms. These devices work by exposing either surfaces or air to UVC light, which disrupts the DNA or RNA of pathogens, rendering them inactive and unable to reproduce. Because this method does not rely on chemicals, it offers a safer and environmentally friendly approach to disinfection across different environments, including healthcare settings, commercial buildings, and homes.

Primary Factors Propelling the Growth of the Ultraviolet-C (UVC) Disinfection Market

One of the major contributors to the increasing adoption of UVC disinfection products is the rising prevalence of waterborne diseases. These illnesses are caused by bacteria, viruses, and parasites transmitted through contaminated water sources. Factors such as worsening pollution, poor sanitation facilities, and limited access to clean drinking water have intensified the spread of these diseases globally. UVC disinfection products play a crucial role by neutralizing pathogens in water through DNA damage, thereby halting reproduction and reducing transmission risks. For example, a World Health Organization report from September 2024 highlighted a 13% rise in cholera cases in 2023, coupled with a 71% increase in fatalities compared to 2022, underscoring the urgent need for effective water disinfection solutions. This trend directly supports market growth by driving demand for UVC technologies aimed at controlling waterborne infections.

View the full ultraviolet-c (uvc) disinfection products market report:

https://www.thebusinessresearchcompany.com/report/ultraviolet-c-uvc-disinfection-products-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Sep_PR

Regional Forecast Highlighting North America's Leading Position in the UVC Disinfection Market

In terms of regional market share, North America held the largest position within the ultraviolet-C (UVC) disinfection products industry in 2025. The market report also covers other significant regions, including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, South America, the Middle East, and Africa. While North America leads currently, emerging markets in Asia-Pacific and other regions are expected to contribute substantially to market growth in the near future.

Our latest 2026 market reports provide expanded strategic and visual intelligence with market attractiveness scoring and analysis, total addressable market (TAM) analysis, company scoring matrix graphics and tables, Excel-based forecasting dashboards, market hotspots infographics, key technologies and future trend analysis, together with updated graphics and tables.

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