

UV Disinfection System Market - Forecasts from 2019 to 2024

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Abstracts

The global UV disinfection system market was valued at US\$4.447 billion in 2018 and is expected to grow at a CAGR of 2.57% over the forecast period to reach a total market size of US\$5.179 billion by 2024. DNA is the part of the cell that gives an organism its instructions on how to function and reproduce. Ultraviolet light mutates and/or degrades DNA. UV disinfection systems are used in industries like water & wastewater treatment, process water treatment, air, and surface disinfection. In the UV disinfection process, water is purified as it runs through a stainless steel chamber that contains a special UV-producing lamp. UV disinfection is a cost-efficient and environmentally friendly process. Increasing health awareness for safe drinking water is also uplifting its market. Geographically, North American region is expected to have a significant market share due to the early adoption of the technology and government initiatives. The market of Asia Pacific region is expected to grow due to rapid industrialization, and due to the increasing application of disinfection in various sectors in this region.

Lower cost of conventional disinfectants is a challenge for the market of the UV disinfection system. Also, chlorine-based disinfectant is a comparatively cheaper alternative. However, growing environmental concern, favorable government initiatives, lower cost and increasing concern for safe drinking water is expected to drive its market.

The “UV Disinfection system Market – Forecasts from 2019 to 2024” is an exhaustive study which aims to present the key market trends through various chapters focusing on different aspects of the market. The study provides a detailed market overview through the market dynamics sections which detail key market, drivers, restraints, and opportunities in the current market. The report analyzes key opportunity regional markets, and the current technology penetration through lifecycle analysis. The report

also analyzes the market through comprehensive market segmentation by product type, end-user, application, and geography.

The UV disinfection system market is segmented based on product type, end-user, application, and geography. Based on product type the market has been segmented into UV lamp, quartz sleeve, reactor chamber, and controller unit. By end-user, the market has been segmented into residential, commercial, and Industrial. By application, the market has been classified into water & wastewater treatment, process water treatment, air disinfection, and surface disinfection.

Regional analysis has been provided with detailed analysis and forecast for the period 2018 to 2024. The global market has been broken down into North America, South America, Europe, Middle East and Africa, and Asia Pacific regions. The report also analyzes 15 countries across these regions with thorough analysis and forecast along with prevailing market trends and opportunities which each of these countries present for the manufacturers.

Major players in the UV disinfection system market have been covered along with their relative competitive position and strategies. The report also mentions recent deals and investments of different market players over the last year. The company profiles section details the business overview, financial performance for the past three years, key products and services being offered along with the recent developments of these important players in the UV Disinfection system market.

Segmentation:

By Product Type

UV Lamp

Quartz Sleeve

Reactor Chamber

Controller Unit

By Application

Water & Wastewater Treatment

Process Water Treatment

Air Disinfection

Surface Disinfection

By End-User

Residential

Commercial

Industrial

By Geography

North America

USA

Canada

Mexico

South America

Brazil

Argentina

Others

Europe

Germany

France

United Kingdom

Spain

Others

Middle East and Africa

Israel

Saudi Arabia

Others

Asia Pacific

China

Japan

South Korea

India

Others

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