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# Global Water Disinfection Equipment

August 2017



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# About This Report

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## Scope & Method

This report forecasts global demand in 2021 for water disinfection equipment by product, market, and major world region in US dollars at the manufacturers' level. Product segments include:

- chemical generation systems
- ultraviolet (UV) equipment
- ozone generation equipment
- other products such as thermal equipment, ultrasonic equipment, and electrolytic equipment.

In the scope of this report, water disinfection equipment is defined as equipment used to treat water used as supply, process, cooling, or boiler water, or wastewater from municipal and industrial sources. Excluded from this report are bulk chemicals not administered via chemical generation equipment, other types of water treatment equipment such as filtration or membrane systems, and non-treatment equipment such as monitoring and metering systems.

Reported markets encompass:

- municipal
- commercial and residential
- manufacturing
- other markets such as power generation, aquaculture and agriculture, mining, and oil and gas production.

Major world regions include North America, Western Europe, Asia/Pacific, and all other regions. To illustrate historical trends, world, product, market, and regional demand (including product and market segments) are provided for 2006, 2011, and 2016.

This report quantifies trends in terms of compound annual growth rates (CAGRs), which, by definition, employ in their calculation only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the trend beginning in the base year and ending in the forecast year. Forecasts are developed via the identification and analysis of pertinent statistical relationships and other historical trends and events, as well as their expected impact over the forecast period. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

## About This Report

For any given historical year, US dollar amounts are obtained from values expressed in applicable local currency. These local currency values are converted to US dollars using a constant 2016 exchange rate. For forecast years, the US dollar amounts assume the same annual exchange rate as that prevailing in 2016. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the Table of Contents.

## Sources

*Global Water Disinfection Equipment (FW35066)* is based on [a comprehensive industry study](#) published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other reports and studies by The Freedonia Group.

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

## Industry Codes

Table 9 | Industry Codes Related to Water Disinfection Equipment

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
221310	Water Supply and Irrigation Systems	3559	Special Industry Machinery, NEC
333319	Other Commercial and Service Industry Machinery Mfg	3589	Service Industry Machinery, NEC
335129	Other Lighting Equipment Mfg	3648	Lighting Equipment, NEC
		4941	Water Supply

Source: US Census Bureau

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## Resources

### The Freedonia Group

*Global Water Disinfection Equipment Market*, August 2017

### Freedonia Industry Studies

*Global Water Treatment Chemicals Market*, June 2017

*Drilling Fluids & Chemicals Market in the US*, May 2017

*Global Air & Fluid Filters Market*, January 2017

*Biocides Market in the US*, December 2016

*Wood Preservative Market in the US*, November 2016

*Activated Carbon*, October 2016

*Specialty Surfactants*, August 2016

*Solvents*, July 2016

*Industrial & Institutional (I&I) Cleaning Chemicals*, June 2016

*Air & Fluid Filters*, April 2016

*Corrosion Inhibitors*, April 2016

*World Activated Carbon*, April 2016

*World Consumer Water Treatment Systems*, January 2016

### Freedonia Focus Reports

*Activated Carbon: United States*

*Air & Fluid Filters: United States*

*Alkalies & Chlorine: United States*

*Bottled Water: United States*

*Global Water Treatment Chemicals*

*Specialty Biocides: United States*

*Water Treatment Chemicals: United States*

*Water: United States*

*World Consumer Water Treatment Systems*

*World Macroeconomy*

### Freedonia Custom Research

### Trade Publications

*Treatment Plant Operator Magazine*

*Water & Wastes Digest*

*Water & Wastewater Treatment*

*Water Intelligence Online*

*Water Online*

*Water Quality Products Magazine*

*Water Technology News*

*WaterWorld*

### **Agencies & Associations**

African Water Association

American Water Works Association

AsiaWater

Association of Water Technologies

EurEau

European Desalination Society

European Water Association

European Water Treatment Association

Eurostat

India Water Works Association

International Monetary Fund

International Water Association

National Rural Water Association

Organisation for Economic Co-operation and Development

Small Wastewater Treatment Works Suppliers Association

Water Quality Association

Water Reuse Europe

World Bank